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REPORTER'S RECORD
VOLUME 1 OF 2 VOLUMES
TRIAL COURT CAUSE NO. D-1-GN-23-003616

LAZARO LOE, individually and as parent and next friend of)	IN THE DISTRICT COURT
LUNA LOE, a minor; MARY MOE and MATTHEW, individually)	
and as parent and next friends of MAEVE MOE, a)	
minor; NORA NOE, individually and as parent)	
and next friend of NATHAN NOE, a minor; SARAH SOE and)	
STEVEN SOE, individually and as next friends of SAMANTHA)	
SOE, a minor; GINA GOE, individually and as parent)	
and next friend of GRAYSON GOE, a minor; PFLAG, INC.;)	
RICHARD OGDEN ROBERTS III, M.D., on behalf of himself)	
and his patients; DAVID L. PAUL, M.D., on behalf of)	TRAVIS COUNTY, TEXAS
himself and his patients; PATRICK W. O'MALLEY, M.D.,)	
on behalf of himself and his patients; and AMERICAN)	
ASSOCIATION OF PHYSICIANS FOR HUMAN RIGHTS, INC. d/b/a)	
GLMA; HEALTH PROFESSIONALS ADVANCING LGBTQ+ EQUALITY,)	
v.)	
THE STATE OF TEXAS; OFFICE OF THE ATTORNEY GENERAL OF)	
TEXAS; JOHN SCOTT, in his official capacity as)	
Provisional Attorney General; TEXAS MEDICAL)	
BOARD; and TEXAS HEALTH AND HUMAN SERVICES COMMISSION)	201ST JUDICIAL DISTRICT

HEARING ON APPLICATION FOR TEMPORARY INJUNCTION
AND PLEA TO THE JURISDICTION

1 On the 15th day of August, 2023, the following
2 proceedings came on to be heard in the above-entitled
3 and numbered cause before the Honorable Maria Cantú
4 Hexsel, Judge presiding, held in Austin, Travis County,
5 Texas;

6 Proceedings reported by machine shorthand.

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AND PLEA TO THE JURISDICTION

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PROCEEDINGS

THE COURT: All right. Then let's go on the record in Cause No. D-1-GN-23-3616. Today is August 15th, 2023, and we are here on both a temporary injunction and plea to the jurisdiction in the case referenced. I would ask those attorneys present to make their appearances for our record beginning with you, Ms. Wooten.

MS. WOOTEN: Thank you, Your Honor. Good morning. As stated, my name is Kennon Wooten. I'm a partner at Scott Douglass & McConnico representing plaintiffs pro bono in this matter. And if you'll permit, I'll announce the other people --

THE COURT: Sure.

MS. WOOTEN: -- appearing for plaintiffs. At counsel table for plaintiffs are Lori Leskin and Allissa Pollard from Arnold & Porter, which is also involved pro bono in this matter. In addition, we have from Lambda Legal Defense and Education Fund, Inc. Karen Loewy and Omar Gonzalez-Pagan. And last but certainly not least, we have Harper Seldin from ACLU Foundation.

THE COURT: Thank you. For the defense?

MR. STONE: Johnathan Stone for defendants.

MS. DYER: Heather Dyer for defendants.

1 MR. ELDRED: Charles Eldred for
2 defendants.

3 THE COURT: All right. Thank you. Again,
4 I will state for our record that there is no recording,
5 broadcasting, or photographing admitted -- or permitted
6 in this proceeding, and that would count both in this
7 courtroom as well as the overflow courtroom in 8C. It
8 is punishable by contempt if I find anyone has recorded
9 or photographed or broadcast from our proceeding, but
10 otherwise, you're all welcome in the gallery. Thank
11 you.

12 All right. So would we like to admit some
13 evidence? I know we discussed that.

14 MS. WOOTEN: Yes, Your Honor.

15 THE COURT: Okay. So I understand there
16 may be some evidence we can admit if you'd like to go
17 ahead with that offer, Ms. Wooten.

18 MS. WOOTEN: The parties conferred and
19 identified 14 agreed exhibits. They are all loaded into
20 Box. The exhibits consist of the eight exhibits
21 defendants have identified for this hearing, and those
22 are marked as D-1 through D-8. In addition, there are
23 six of the exhibits that plaintiffs have identified for
24 the hearing, and those are marked P-1, P-2, P-3, P-5,
25 P-8, and P-11. At this time I'm offering the exhibits

1 marked as P-1, P-2, P-3, P-5, P-8, and P-11 into
2 evidence.

3 THE COURT: Mr. Stone, as I understand it,
4 those are agreed to.

5 MR. STONE: Yes, Your Honor, those are
6 agreed to.

7 THE COURT: So I will admit P-1, 2, 3, 5,
8 8, and 11.

9 *(Plaintiffs' Exhibits 1, 2, 3, 5, 8,*
10 *and 11 admitted)*

11 THE COURT: And Mr. Stone, do you at this
12 time -- would you like to offer D-1 through D-8?

13 MR. STONE: Yes, Your Honor.

14 THE COURT: And I assume, Ms. Wooten,
15 those are agreed to.

16 MS. WOOTEN: Yes, Your Honor.

17 THE COURT: Thank you. D-1 through D-8
18 are admitted.

19 *(Defendants' Exhibits 1 through 8*
20 *admitted)*

21 THE COURT: All right. So if we would
22 like to begin with some opening statements.

23 MS. WOOTEN: Yes, Your Honor. We do have
24 one more administrative matter that we believe may be
25 helpful for the proceedings. Last night plaintiffs'

1 counsel provided defendants' counsel with a list of our
2 witnesses and the order in which we anticipate
3 presenting them, and I do have a copy for Your Honor and
4 the court reporter if I may have permission to approach.

5 THE COURT: Yes. Go ahead. Thank you.
6 Anything else, Ms. Wooten, before we begin with opening
7 statements?

8 MS. WOOTEN: No, Your Honor.

9 THE COURT: All right. Give me one more
10 second just to pull up a couple -- where would you like
11 to do opening from? The lectern or the --

12 MS. LOEWY: Whichever Your Honor would
13 prefer.

14 THE COURT: I'm kind of a fan of the
15 lectern, so if you'd like to do that, that would be
16 great. Just give me one other second to get my time
17 calculator up. And, of course, you can run any
18 exhibits -- well, how is that going to work?

19 *(Discussion off the record)*

20 THE COURT: Do you have a PowerPoint or
21 something that you'd like to run?

22 MS. LOEWY: No, Your Honor.

23 THE COURT: Okay. Then I'm going to leave
24 that alone for now so I don't mess anything up. Give me
25 one other second just to do this. All right. Please go

1 ahead.

2 **PLAINTIFFS' OPENING STATEMENTS**

3 MS. LOEWY: Thank you, Your Honor. Good
4 morning. My name is Karen Loewy. I'm here for the
5 plaintiffs.

6 When a child develops a serious health
7 condition, parents generally want nothing more than to
8 make their child feel better and help them grow into
9 happy, healthy people and so will work with their
10 child's healthcare providers to figure out what is going
11 on and determine what course of care will be medically
12 necessary for that child.

13 Physicians and other healthcare providers
14 will use their training and judgment to prescribe
15 treatments in accordance with established standards of
16 care to meet that child's treatment needs, help parents
17 understand their options and their risks, and enable
18 parents to make decisions about what their child's
19 course of care will be.

20 For transgender young people in Texas and
21 their parents and their healthcare providers, the
22 ability to take these ordinary steps is at significant
23 risk because of Senate Bill 14. Gender dysphoria is a
24 serious health condition experienced only by transgender
25 people characterized by the clinically significant

1 distress caused by the incongruence between their gender
2 identity and the sex they were assigned at birth.

3 Evidence-based comprehensive clinical
4 practice guidelines recommend certain medical treatments
5 for gender dysphoria. And adolescents who experience
6 gender dysphoria in Texas right now have access to those
7 treatments. But SB 14 categorically bars the very
8 medical treatments accepted as necessary, effective, and
9 even lifesaving from being provided to minors for the
10 purpose of treating gender dysphoria.

11 SB 14 at its core prohibits physicians and
12 healthcare providers from prescribing, providing, or
13 performing certain medical treatments to minors, namely
14 puberty blockers, hormone therapy, and surgery, solely
15 if those treatments are being provided to treat gender
16 dysphoria. The rest of the bill incorporates that
17 prohibition in a variety of ways; one, by requiring the
18 Board of Medical Examiners to deny or revoke the medical
19 license of any physician who provides the prohibited
20 treatments and imposing other penalties; two,
21 prohibiting any form of state funding being paid to any
22 provider or entity that provides or facilitates the
23 prohibited treatments; three, barring coverage and
24 reimbursements for prohibited treatments under Medicaid
25 and the child health plan; and four, empowering the

1 attorney general to bring enforcement actions against
2 any person the attorney general has reason to believe
3 is, has, or will violate the prohibition.

4 SB 14 threatens the health and well-being
5 of transgender adolescents in Texas, their parents'
6 autonomy to make decisions about their medical care, and
7 the licenses and livelihoods of healthcare providers who
8 have been and want to continue caring for them in
9 accordance with the recognized course of treatment for
10 gender dysphoria. In doing so, SB 14 violates
11 plaintiffs' constitutional rights. It violates parents'
12 fundamental rights to parental autonomy under Article 1
13 Section 19, which includes the right to seek medical
14 care for their child and make judgments about what care
15 that child should receive. Parents do not sacrifice
16 these rights simply because their child is transgender.

17 SB 14 also deprives transgender youth of
18 the Texas Constitution's promises of equality and equal
19 rights by discriminating against them on the bases of
20 sex and transgender status. By its plain terms, whether
21 a minor can receive certain medical treatment turns on
22 their sex assigned at birth or on whether they are
23 transgender. SB 14 singles out transgender minors and
24 excludes them only from accessing medically necessary
25 care.

1 Finally, SB 14 deprives physicians of
2 their vested property interests and their medical
3 licenses and infringes the rights of all healthcare
4 providers' occupational liberty without due course of
5 law. SB 14 requires that physicians lose their licenses
6 for treating their patients in accordance with
7 established standards of care and undermines healthcare
8 providers' ability to fulfill the obligations of their
9 profession.

10 Today the Court will hear from families
11 and healthcare providers who will be directly harmed if
12 SB 14 goes into effect on September 1st as well as from
13 experts who will establish that the treatments it
14 prohibits are safe, effective, and part of the
15 established course of care for gender dysphoria and will
16 address the serious harms to transgender youth from
17 cutting off and denying that care.

18 Plaintiffs seek temporary injunctive
19 relief to ensure that the transgender youth of Texas can
20 continue to receive medically necessary care in their
21 own communities, that their parents can continue to make
22 decisions about that care, and that their doctors and
23 other health professionals can continue to provide that
24 care without threatening their medical licenses or state
25 funding.

1 These families and providers have stated
2 viable claims that SB 14 is facially unconstitutional
3 against the state defendants charged with its
4 enforcement, claims on which they have a probable right
5 to relief as every trial court considering similar
6 wholesale bans on medically necessary healthcare for
7 transgender minors has concluded. Enjoining SB 14 from
8 going into effect while this Court assesses its
9 constitutionality is necessary to maintain the
10 status quo and shield transgender youth, their families,
11 and their healthcare providers from harm. Thank you.

12 THE COURT: Thank you. For the defense?

13 **DEFENDANTS' OPENING STATEMENTS**

14 MS. DYER: May it please the Court. Good
15 morning, Your Honor. I'm Heather Dyer for the
16 defendants.

17 We are here today because plaintiffs claim
18 that Senate Bill 14, which is the state's bipartisan
19 prohibition on puberty blockers, cross-sex hormones, and
20 surgeries for the treatment of gender dysphoria in
21 minors, violates the Texas Constitution. To make it
22 more concise for the Court, defendants will refer to
23 prohibited medication and surgeries throughout this
24 hearing as prohibited treatment.

25 As you know, defendants have filed a plea

1 to the jurisdiction requesting dismissal of plaintiffs'
2 claims, and plaintiffs seek to enjoin the enforcement of
3 Senate Bill 14 during the pendency of this suit. At the
4 outset, defendants would note that since a question of
5 jurisdiction has been raised, that issue should be
6 decided before turning to the merits and subjecting
7 defendants, who are entitled to sovereign immunity, to
8 further litigation.

9 However, with regards to the
10 jurisdictional question, Senate Bill 14 simply does not
11 violate the Constitution, and plaintiffs have failed to
12 allege sufficient facts that it does. Consequently,
13 defendants retain their immunity to suit, and this Court
14 lacks subject matter jurisdiction.

15 With respect to plaintiffs' first
16 constitutional claims, the due course of law clause does
17 not protect a parent's interests in providing medical
18 treatment that is prohibited by the law, nor does it
19 protect a physician's interests in providing medical
20 treatment to a patient that is prohibited by the law.
21 At best, it protects a citizen's interest in lawful
22 common callings, but the prohibited treatment is not a
23 common calling and will no longer be lawful on
24 September 1st.

25 With respect to plaintiffs' second

1 constitutional claim, the statute does not deny or
2 abridge equality under the law on the basis of sex. It
3 classifies based on the medical purpose for which the
4 treatment is being offered, not sex. It treats persons
5 of both biological sex the exact same.

6 With respect to plaintiffs' third
7 constitutional claim, the statute does not treat
8 similarly situated people differently. It prohibits
9 certain treatment for gender dysphoria, yes, but persons
10 with gender dysphoria are not similarly situated to
11 others. And Texas courts do not create suspect classes.
12 Suspect classes are listed in the Constitution itself.
13 While sex is listed, persons with gender dysphoria are
14 not.

15 Even if plaintiffs could identify a
16 plausible claim, Senate Bill 14 would still not violate
17 the Texas Constitution because it not only passes
18 rational basis, but it also passes strict scrutiny. It
19 passes strict scrutiny for two primary reasons, the
20 first being the State has a compelling interest in
21 safeguarding the physical and psychological well-being
22 of a minor. In *Prince v. Massachusetts* the Supreme
23 Court of the United States stated a democratic society
24 rests upon the health and well-rounded growth of young
25 people into full maturity as citizens. That is

1 precisely what SB 14 was designed and enacted to
2 protect.

3 The evidence will show in this hearing
4 that sex is biological and immutable. However, gender
5 identity is not. It can change over time. It can
6 change going through puberty. And it can also change
7 based on social circumstances and environments. Gender
8 dysphoria is a psychological condition, not an endocrine
9 condition where a person's biological sex does not match
10 the perception of their gender. There are no physical
11 medical tests for gender dysphoria.

12 Plaintiffs contend the scientific studies
13 and medical association opinions on these prove that
14 these prohibited treatments are safe and effective.
15 However, that is simply not the case, or at least it is
16 not an established fact. The evidence throughout this
17 hearing will show the prohibited treatment will result
18 in irreversible consequence for these minors. The
19 consequences, to name a few, range from bone density
20 problems, diminished cognitive ability, to
21 sterilization. The risks associated with the prohibited
22 treatment vastly outweighs any potential benefit,
23 especially when you consider that gender identity by
24 definition can change. Conversely, therapy has no
25 risks. It is indisputably the only treatment that is

1 entirely safe, effective, and devoid of dangerous side
2 effects.

3 Further, nothing in Senate Bill 14
4 prohibits individuals from receiving the care they seek
5 to receive once they are of the age of 18. This law was
6 enacted only to protect minors from scientifically
7 unfounded treatment. The evidence will show that the
8 State's restrictions on prohibited treatment is the
9 least restrictive means of achieving that interest
10 because the risks vastly outweigh any potential benefit,
11 and a safe and effective alternative, being therapy,
12 already exists.

13 The second reason Senate Bill 14 passes
14 strict scrutiny and necessarily a rational basis review
15 is because the State has a compelling interest in
16 preventing medical procedures for which there is no
17 informed consent. The evidence will show that a human
18 brain is not even fully developed until you are in your
19 mid twenties. Children under the age of 18 cannot
20 understand or appreciate the impact that these
21 prohibited treatments will have on their life in the
22 long term.

23 Plaintiffs claim that prohibited treatment
24 is reversible and that it does not cause infertility.
25 However, the very standards they rely on in their

1 complaint note that a consequence of the treatment is
2 partially irreversible, and a side effect of treatment
3 includes potential loss of fertility. The evidence
4 throughout this hearing will show that the prohibited
5 treatment is in fact irreversible and does lead to
6 infertility.

7 Just as an example, once a biological girl
8 has a bilateral mastectomy, or a top surgery as it's
9 often referred to, her breasts will never function the
10 same again, and she will never be able to breastfeed her
11 children one day should that be something she chooses to
12 do. That is simply not something that a 13-, 14-, or
13 15-year-old can understand or appreciate at that stage
14 in their life.

15 Children are albeit focused on what makes
16 them happy in the moment, as they should be, but they do
17 not have the brain development nor the maturity to make
18 an informed decision to consent to these treatments that
19 have lifelong altering impacts. Because they cannot
20 give informed consent to the prohibited treatment, a ban
21 on such treatment until they are of legal age passes
22 strict scrutiny and a rational basis review.

23 Plaintiffs cannot meet their burden to
24 show they are likely to succeed on the merits, nor will
25 they be able to show that there's imminent irreparable

1 harm to meet the standard necessary for a temporary
2 injunction. Accordingly, defendants respectfully
3 request this Court deny plaintiffs' motion for a
4 temporary injunction and grant defendants' plea to the
5 jurisdiction. Thank you.

6 THE COURT: Thank you, Ms. Dyer.

7 All right. Ms. Wooten, who would you like
8 to call as your first witness?

9 MS. LESKIN: Your Honor, we call Gina Goe.

10 THE COURT: Say the name one more time.

11 MS. LESKIN: Gina Goe.

12 THE COURT: Okay.

13 MS. LESKIN: Ms. Goe is proceeding under
14 pseudo- -- is a plaintiff proceeding under pseudonym.

15 THE COURT: Yes. Yes. I just wanted to
16 make sure I heard the right name. Just one second.

17 MS. LESKIN: And if Your Honor would
18 indulge me, can I proceed from this location?

19 THE COURT: If that's more comfortable for
20 you, that's fine.

21 MS. LESKIN: Thank you, Your Honor.

22 THE COURT: Hello, Ms. Goe. If you'll
23 step forward here, I'll swear you in. If you will raise
24 your right hand for me.

25 *(Witness sworn)*

1 THE COURT: All right. If you can make
2 your way around and up to this witness stand, and just
3 make sure -- the sweet spot is about six inches from the
4 mic. Thank you.

5 MS. LESKIN: Thank you, Your Honor.

6 **GINA GOE**,
7 having been first duly sworn, testified as follows:

8 **DIRECT EXAMINATION**

9 BY MS. LESKIN:

10 Q. Good morning.

11 A. Good morning.

12 Q. Will you tell us your name, please?

13 A. Gina Goe.

14 Q. And Ms. Goe, do you live in Texas?

15 A. Yes.

16 Q. Which county in Texas do you live in?

17 A. McLennan County.

18 THE COURT: And ma'am, you can be seated.
19 If you're going to stay at counsel table, you can --

20 MS. LESKIN: Thank you, your Honor.

21 THE COURT: -- be seated to question the
22 witness. Go ahead.

23 Q. (BY MS. LESKIN) Are you a member of PFLAG?

24 A. Yes.

25 Q. Tell me about your family, Ms. Goe.

1 A. We're just a family living life. We live in a
2 small town. It's my husband and Grayson and myself and
3 our two cats and a dog.

4 Q. And Grayson is your son?

5 A. Yes.

6 Q. Tell me about Grayson.

7 A. I think Grayson's pretty amazing. He's funny.
8 He's smart. He's very curious, so he, like, engages in
9 learning about things a lot on his own, like, taught
10 himself to play the ukulele and wood whittle, and he
11 likes video games.

12 Q. And how old is Grayson?

13 A. 15.

14 Q. What sex was Grayson assigned at birth?

15 A. Female.

16 Q. And what gender does Grayson identify today?

17 A. Male.

18 Q. How did Grayson -- when did Grayson tell you
19 that he identified as male?

20 A. I think it was when he was about 11.

21 Q. Tell me about that conversation.

22 A. I don't remember exactly how the conversation
23 went, but he told me that he felt like he was a boy.

24 Q. And prior to Grayson telling you that he felt
25 like he was a boy, had you noticed anything about

1 Grayson's mental health?

2 A. I mean, yeah, we were dealing with some
3 depression and anxiety, and he was having some trouble
4 in school with grades and so forth, so we were, like,
5 trying to address that as well.

6 Q. How were you addressing that?

7 A. So I took him to a psychologist, and then later
8 on he saw a psychiatrist, and the psychiatrist
9 prescribed medication for depression.

10 Q. Did you find that the medication that Grayson
11 took was helping his depression?

12 A. Somewhat. It seems to take a while to find,
13 like, just the right thing that works, but he was laying
14 around less but still spending time in the room and
15 still being somewhat moody.

16 Q. Did there come a time that you believed you
17 needed to do more for Grayson?

18 A. I felt like that all the time, actually. One
19 of the things that I noticed that I was concerned about
20 was his lack of confidence in himself. And as a mom, I
21 didn't really know what to do about it. I was trying to
22 do everything I was supposed to with, you know, getting
23 proper medical care.

24 Q. After Grayson told you that he felt like he was
25 a boy, did you take any additional steps to treat him?

1 A. Yeah. So I tried to locate, like, a physician
2 that was friendly to the LGBT community so that we could
3 discuss this. And I didn't want it to be dismissed. I
4 wanted it to be a conversation. And so we saw his
5 primary and talked to her about it, and she, like,
6 initiated referrals to endocrinology and adolescent
7 medicine.

8 Q. And at some point was Grayson diagnosed with
9 gender dysphoria?

10 A. Yeah. The adolescent medicine doctor did that.

11 Q. And what was the next step in Grayson's
12 treatment that you discussed with the adolescent
13 doctor -- the adolescent medicine doctor?

14 A. We talked about putting him on birth control to
15 take and manage his menstrual cycle.

16 Q. And why was it -- why did you consider birth
17 control for Grayson?

18 A. I have, like, personal experience with it and
19 felt that it's relatively safe. And if -- if you take
20 the right thing and you take it properly, then it does a
21 pretty good job of managing the bleeding. So that was
22 really important to us because for Grayson, a menstrual
23 cycle is very distressing. Like, in the very beginning,
24 like even with the first one, I was like -- it was odd
25 for me to see him so upset about it. I didn't really

1 understand, but he was very distressed. And so managing
2 that is a really important step in part of his care.

3 Q. Once you started Grayson on birth control, did
4 you notice any changes in his mental health?

5 A. I could tell that he felt empowered because --
6 like, being in control of something that he didn't
7 previously have control over. So it seemed like him
8 taking the birth control and it doing a pretty good job
9 managing the menstrual cycle was very helpful.

10 Q. Was there anything else you were doing during
11 this time to affirm Grayson?

12 A. Yes. So we -- we tried with the pronouns.
13 It's a -- it's an awkward change. Like, it's gotten
14 better over time for us. But he was still in school, so
15 I got him, like, a binder to help with that, and that
16 did help him feel a little better. And then we just
17 acknowledged how he felt, and we -- I asked questions
18 a lot, and we talked about things. And I asked him
19 about changing his name because I feel like that helps
20 the pronoun change happen a little easier. And he
21 really took his time picking a name and finally settled
22 on it just a few months ago I think. I don't remember
23 exactly, but it's fairly recent when the name was
24 decided.

25 Q. And as you were deciding a name and using

1 proper pronouns, did you continue to notice a change in
2 Grayson?

3 A. Yeah. I think just being a support and him
4 knowing that I'm there for him and he doesn't have to
5 hide who he is from me -- I mean, I might not a hundred
6 percent understand all the time, but I'm there to
7 support him, and I will do what I can to figure out the
8 best way to do that.

9 Q. Did there come a time when you determined that
10 Grayson needed more medical treatment?

11 A. Yeah. We had talked about -- kind of early on
12 when we first saw the adolescent medicine doctor, we had
13 talked about puberty blockers, and I had never heard of
14 them before, but I guess at the stage of development he
15 was at, those weren't an option. So once we got -- the
16 goal was to get the periods under control and then later
17 talk about testosterone treatment. The facility that we
18 see those physicians at does not offer that care, so I
19 had to do some digging to find a place that would give
20 us that option.

21 Q. Did you understand that there were risks
22 putting Grayson on testosterone?

23 A. Yes. So, I mean, I assumed that in the
24 beginning, but I didn't know the extent to which the
25 risk is until we talked to the doctor at the clinic

1 where he receives that care. That was our first visit
2 with them. And she went into great deal about the ones
3 that are reversible and the ones that aren't reversible.
4 And I just -- I really felt that with any medication
5 there's -- there's a risk. And as a parent, I have to
6 weigh the risks with the benefits. And for this
7 particular treatment, the benefits far outweigh the
8 risks.

9 Q. How so?

10 A. So if he doesn't continue on the testosterone,
11 I worry that, like, the mental aspect of -- the things
12 that have changed for the better, like, he's more
13 confident. He comes out of his room. He socializes.
14 And that was -- when he first came out of his room, I
15 was like, Are you okay? Like, you're out of your room.
16 So I'm afraid that will just be completely reversed.

17 And, you know, with a history of suicidal
18 ideation, you're talking about, for me as a parent of my
19 son, I'm deciding between strong mental problems that
20 may lead to suicide or a deep voice and some body hair
21 and not being able to have children. Like, life, death;
22 I'm going to choose life.

23 Q. What is your concern if the ban under Senate
24 Bill 14 goes into effect?

25 A. I would say my biggest concern or issue is that

1 it completely hinders my ability as a parent to make
2 medical decisions on a whole for my kid. That aspect of
3 who he is is part of his medical care, and I won't be
4 allowed to do anything about it, so now I have fractured
5 medical care for my son. Am I going to be allowed to
6 talk to the adolescent medicine doctor? I already know
7 if it goes into effect that the clinic we were going to
8 won't even see him for other gender-affirming care that
9 doesn't involve medicine. So it's just insulting to
10 take away a parent's right to do that. I don't -- I
11 didn't do it by myself. We have a slew of doctors that
12 are very good at what they do, and Grayson is part of
13 the decision-making as well.

14 Q. Do you have a plan for what to do if SB 14 goes
15 into effect?

16 A. No. I mean, I don't know what I would do. I
17 mean, I would -- I would probably first go through,
18 like, a grieving process, I would expect. I would be
19 very upset. It's -- I -- I could go out of state or I
20 could attempt to find care outside of Texas, and I have
21 reached out to a Colorado facility, but there's, like, a
22 waiting list. So in the meantime, prior to me being
23 able to take him there, there's going to be a gap in his
24 medical care. And I don't even know how much that might
25 cost. I know it's going to take away time from my job,

1 and I don't know if my insurance would cover the cost of
2 that. I don't know how much the medication would be.
3 So it's -- it's probably cost prohibitive for me to be
4 able to do that.

5 Q. If Grayson had to wait until he turned 18 to
6 continue testosterone, what do you think would happen?

7 A. I mean, I think he would lose that confidence
8 that he's built. He would feel -- I imagine he would
9 feel defeated. Like, we went through so much to get
10 here, and we've only been -- he's only been taking it
11 for a short time, and I've already seen benefits. So
12 all that work and all that effort and all the stress,
13 like, okay, you get to have it again. Like, it's that
14 rug that's ripped out from underneath you.

15 Q. Thank you.

16 THE COURT: Thank you, ma'am.

17 Mr. Stone or Ms. Dyer?

18 MR. ELDRED: No questions, Your Honor.

19 THE COURT: All right. Thank you.

20 Thank you, ma'am. You are done on the
21 witness stand.

22 THE WITNESS: Thank you.

23 THE COURT: I think if you'll go back out
24 this way. Thank you.

25 Next witness for the plaintiffs?

1 MR. GONZALEZ-PAGAN: Thank you,
2 Your Honor. I'm Omar Gonzalez-Pagan for the plaintiffs.
3 We would call Dr. Aron Janssen to the stand, please.

4 THE COURT: All right. Dr. Janssen. Good
5 morning, sir. If you'll step forward and raise your
6 right hand for me.

7 *(Witness sworn)*

8 THE COURT: You can make your way up to
9 the witness stand.

10 **ARON JANSSEN, M.D.**

11 having been first duly sworn, testified as follows:

12 **DIRECT EXAMINATION**

13 BY MR. GONZALEZ-PAGAN:

14 Q. Good morning, Dr. Janssen.

15 A. Good morning.

16 Q. Can you please state your name for the record
17 and spell it out for the court reporter?

18 A. Aron Janssen, A-r-o-n, J-a-n-s-s-e-n.

19 THE COURT: One second, sir.

20 *(Discussion off the record)*

21 MR. GONZALEZ-PAGAN: Your Honor, if I may,
22 I'm just authenticating one of the exhibits.

23 THE COURT: Okay.

24 MR. GONZALEZ-PAGAN: I don't believe we
25 are going to spend much time with it. I can use the

1 Elmo.

2 THE COURT: Well, I want to make sure if
3 there's any other presentation, that it's set up to do
4 it, so if you'll bear with me.

5 *(Discussion off the record)*

6 Q. (BY MR. GONZALEZ-PAGAN) Dr. Janssen, what is
7 your profession?

8 A. I'm a child, adolescent, and adult
9 psychiatrist.

10 Q. Where are you currently employed?

11 A. I'm currently employed at the Ann and Robert H.
12 Lurie Children's Hospital of Chicago. I'm also an
13 associate professor of psychiatry at the Northwestern
14 University Feinberg School of Medicine.

15 Q. Prior to your role at Lurie Children's
16 Hospital, where did you work?

17 A. I was a psychiatrist at NYU Langone Medical
18 Center, and I was also the founder and director of the
19 Gender and Sexuality Service there.

20 Q. How would you describe your practice?

21 A. My role is mixed into a few different types. I
22 do clinical care primarily with gender diverse and
23 transgender youth as well as administrative and research
24 work.

25 Q. You mentioned that you do clinical care with

1 gender diverse and transgender youth. What is the
2 clinical care that you provide to those patients?

3 A. I provide primary mental health support and
4 assessments for transgender and gender diverse youth.

5 Q. Are there any particular conditions that you
6 treat them for?

7 A. I have done a fair amount of research and
8 publishing in co-occurring mental health disorders among
9 transgender youth, and so that is a particular niche of
10 my clinical care.

11 Q. Do you treat them for gender dysphoria?

12 A. I treat them for gender dysphoria, yes.

13 Q. And what percentage of your current clinical
14 practice is gender diverse and transgender adolescents?

15 A. Approximately 95 percent.

16 Q. Are there any clinical guidelines that you
17 utilize?

18 A. I utilize the World Professional Association of
19 Transgender Health Standards of Care, on its 8th
20 version.

21 Q. And how long have you been working with
22 patients with gender dysphoria?

23 A. I founded my gender clinic in 2011. I had
24 worked with transgender and gender diverse youth and
25 young adults prior to that, but that's when I started my

1 clinic.

2 Q. You said you also spend your time doing
3 research. What are the areas of study that you
4 research?

5 A. I study the overlap between co-occurring mental
6 health disorders and gender dysphoria as well as suicide
7 prevention and systems of care.

8 Q. Have you published any scholarly articles
9 related to this -- to the treatment of gender dysphoria?

10 A. I have.

11 Q. Have those publications been in peer-reviewed
12 journals?

13 A. They are.

14 Q. You also mentioned that you rely on the WPATH
15 Standards of Care Version 8. Do you have any role in
16 the publication or development of these standards of
17 care?

18 A. I was one of the co-authors of that standard.

19 Q. If you can look at the screen, it's showing
20 what's been already admitted as Exhibit 5. Do you
21 recognize this document?

22 A. That is my curriculum vitae.

23 Q. Does this curriculum vitae accurately reflect
24 your professional background and experience?

25 A. It does.

1 MR. GONZALEZ-PAGAN: Your Honor, at this
2 time I will ask that Dr. Janssen as a child and
3 adolescent psychiatrist and a researcher be qualified as
4 an expert on the study, assessment, diagnosis, and
5 treatment of gender dysphoria.

6 THE COURT: Is there any objection?

7 MS. DYER: No, Your Honor. No objection.

8 THE COURT: Thank you. So designated.

9 Q. (BY MR. GONZALEZ-PAGAN) Dr. Janssen, we
10 mentioned gender dysphoria as a condition that you
11 treat. What is gender dysphoria?

12 A. Gender dysphoria is a diagnosis within the
13 DSM-V. There's actually two different diagnoses, gender
14 dysphoria in children and gender dysphoria in
15 adolescents and adults. And what it describes is the
16 distress and impairment in functioning that's resultant
17 from the discordance between one's sex assigned at birth
18 and one's gender identity.

19 Q. I just want to clarify some terms for the
20 record and the Court. You mentioned the term gender
21 identity. What does gender identity mean?

22 A. Gender identity is simply the innate and
23 deeply-held sense of gender.

24 Q. And you also made reference to sex assigned at
25 birth. What does that mean?

1 A. Sex assigned at birth is typically based on
2 phenotypic appearance. So the genitalia primarily is
3 what is used to determine sex assigned at birth.

4 Q. Are there multiple sex characteristics?

5 A. There are.

6 Q. Is gender identity one of those
7 characteristics?

8 A. Gender identity is one of the characteristics
9 of sex, yes.

10 Q. What does the term transgender mean?

11 A. Transgender is an umbrella term to describe
12 individuals who have a discordance between their sex
13 assigned at birth and their gender identity.

14 Q. And you mentioned that there were two
15 particular diagnoses, one gender dysphoria in children
16 and one gender dysphoria in adolescents and adults that
17 are used in this country. Is there anyplace where those
18 diagnoses are contained or documented?

19 A. They are documented within the *Diagnostic and*
20 *Statistical Manual* or the DSM-V as we refer to it.

21 Q. And who publishes the *Diagnostic and*
22 *Statistical Manual*?

23 A. It's published by the American Psychiatric
24 Association. It's the primary guide by which we use to
25 make diagnoses in the field of mental health.

1 Q. Can you summarize the diagnostic criteria for
2 gender dysphoria under the DSM?

3 A. Well, it's important to note that the
4 diagnostic criteria for gender dysphoria for children
5 requires more diagnostic criteria to be positive in
6 order to make that diagnosis, but the elements are
7 shared between them, and that includes, one, a sense of
8 identity -- a deeply-held sense of identity that is
9 discordant from the sex assigned at birth, but there's a
10 number of factors, including relationship to the body,
11 social relationships, and sense of self as it comes to
12 gender and that there is clinically significant distress
13 or impairment and that these symptoms are lasting six
14 months or more.

15 Q. Who makes the diagnosis of gender dysphoria?

16 A. Primarily it is going to be a qualified and
17 licensed mental health professional or medical
18 professional within the United States. The WPATH or
19 World Professional Association of Transgender Health
20 Standards of Care recommend that that person have
21 licensure to practice, experience in working with gender
22 diverse youth, and expertise in the field.

23 Q. How is gender dysphoria diagnosed in children
24 and adolescents?

25 A. It's important to note that this is an

1 individualized process and that the standard assessment
2 is going to depend upon when you've seen the patient,
3 what the family circumstances are. But in general what
4 we are establishing is what is the history of this
5 child's gender identity, what is the history of this
6 child's relationship to their body, what are the social
7 contexts of this child's life, what are the family
8 influences. We want to understand are there
9 co-occurring mental health diagnoses, what they are, and
10 how they might impact the ability to understand gender
11 or the ability to understand potential interventions.
12 And we are gathering information from multiple
13 informants, including the child themselves, any parents
14 or caregivers or legal decision-makers for that child,
15 and ideally members from the child's school or other
16 community.

17 Q. Does the fact that a child or an adolescent
18 exhibits gender non-conforming behavior or expression
19 mean that they have gender dysphoria?

20 A. It does not.

21 Q. Is being transgender a mental disorder?

22 A. It is not.

23 Q. Is gender identity something that somebody can
24 voluntarily change to be congruent with their sex
25 assigned at birth?

1 A. It is not.

2 Q. Have there been efforts in the field of
3 psychiatry or psychology to try to change a transgender
4 person's gender identity to be congruent with their sex
5 assigned at birth?

6 A. Unfortunately, there have been a lot of
7 unsuccessful and harmful efforts to endeavor to do that.

8 Q. You mentioned that there have been some efforts
9 that have been harmful. Have there been any medical --
10 have any medical or mental health groups taken any
11 positions on such efforts?

12 A. There have been a number of medical
13 organizations that have made statements opposing the use
14 of reparative or conversion therapy for sexual
15 orientation and gender identity. These include but are
16 not limited to the American Psychiatric Association, the
17 American Academy of Child and Adolescent Psychiatry, the
18 American Medical Association, the American Academy of
19 Pediatrics, the American Psychological Association, just
20 to name a few.

21 Q. Is there an understanding of what causes
22 someone to have a particular gender identity?

23 A. We need more research to be able to give you a
24 definitive answer to that question, but the
25 preponderance of published data we have on this supposes

1 that it's likely a -- there's biological influence to
2 gender identity.

3 Q. Does the fact that someone's understanding of
4 their gender identity can change over time mean that
5 their gender identity has changed?

6 A. It's a universal developmental task to
7 understand one's identity when it comes to gender over
8 time. All of us have gender identities that evolve over
9 time. It doesn't mean that our core sense of who we are
10 has changed, but our understanding, our contexts can
11 evolve over time.

12 Q. Once an adolescent hits the onset of puberty,
13 is it likely that they would desist from their gender
14 identity?

15 A. I think we have to pause for a second and talk
16 about what desistance and persistence means because it's
17 very specific. The group of researchers that were
18 initially doing work in understanding and treating with
19 medicine transgender youth and youth with gender
20 dysphoria and what was previously in the DSM-IV, gender
21 identity disorder, defined the term desistance as a
22 child who met criteria for what was then called gender
23 identity disorder or gender identity disorder not
24 otherwise specified in childhood.

25 And by the time they hit Tanner stage 2 of

1 puberty or adolescence, if they no longer met criteria
2 for that diagnosis, those kids were referred to as
3 desisters. Those that persisted, so those kids that did
4 have the diagnosis of gender identity disorder in
5 childhood, hit adolescence and continued to have that
6 diagnosis of gender dysphoria or what was then gender
7 identity disorder, those kids persist almost universally
8 throughout adulthood.

9 Q. Dr. Janssen, you've worked at two major
10 institutions in two large states in different parts of
11 the country. Do you have an awareness of the practices
12 of other child and adolescent psychiatrists and other
13 mental health professionals outside those institutions?

14 A. Given my role within the American Academy of
15 Child and Adolescent Psychiatry, I've had the privilege
16 to attend conferences all over the country and all over
17 the world as well as present at numerous academic
18 institutions, and so I've had plenty of opportunities to
19 get a sense of how this field is practiced in multiple
20 settings.

21 Q. Are there any best practice guidelines
22 recognized within the medical and mental health fields
23 for the treatment of patients with gender dysphoria?

24 A. In my experience, most mainstream medical
25 professionals look to the WPATH Standards of Care.

1 Q. And how long has WPATH been issuing standards
2 of care?

3 A. Since approximately 1979.

4 Q. And you mentioned Version 8 of the WPATH
5 Standards of Care. Is that the most recent version?

6 A. It is the most recent version.

7 Q. When was that published?

8 A. 2022.

9 Q. Are you familiar with the process that was used
10 to develop the WPATH Standards of Care 8?

11 A. I am.

12 Q. What are the WPATH Standards of Care based on?

13 A. The standards of care are based upon a review
14 of the scientific -- the scientific literature in the
15 field as well as clinical consensus from experts within
16 the field.

17 Q. Besides the WPATH Standards of Care, are there
18 any other guidelines that medical professionals use to
19 treat patients with gender dysphoria?

20 A. The most commonly other cited guidelines are
21 the Endocrine Society Clinical Practice Guidelines.

22 Q. And are you familiar with those guidelines?

23 A. I am.

24 Q. Do those guidelines also make recommendations
25 regarding the treatment of adolescents?

1 A. They do.

2 Q. How are the WPATH Standards of Care and the
3 Endocrine Society guidelines viewed within the medical
4 and mental health professional communities?

5 A. They're viewed as the guidelines that we should
6 all be striving to achieve in our clinical care with
7 these individuals.

8 Q. Are there any -- have any medical or mental
9 health professional groups recognized these guidelines
10 as best practices?

11 A. They have, and these include but are not
12 limited to the American Medical Association, the
13 American Academy of Child and Adolescent Psychiatry, the
14 American Psychiatric Association, the American Academy
15 of Pediatrics, the American Psychological Association,
16 just to name a few.

17 Q. In your experience, are the WPATH Standards of
18 Care and the Endocrine Society Guidelines practice --
19 recommended practices followed by other clinicians?

20 A. All the clinicians I've had an opportunity to
21 meet with strive to follow those guidelines, yes.

22 Q. In these Clinical Practice Guidelines, are the
23 recommendations for the treatment of gender dysphoria
24 the same across age ranges?

25 A. There are different recommendations for

1 treatment based upon age.

2 Q. Do the recommendations for treatment also
3 differ based on the stage of development of the patient?

4 A. The recommendations for prepubertal youth are
5 going to be different for those for adolescents which
6 will be different for those for adults.

7 Q. What treatments are recommended for prepubertal
8 children with gender dysphoria?

9 A. There are no medical recommendations for
10 prepubertal youth with gender dysphoria. The treatment
11 is therapy and social support.

12 Q. And what are the treatments that are
13 recommended for adolescents with gender dysphoria?

14 A. For individuals with -- for adolescents with
15 gender dysphoria, we're still recommending therapy for
16 some folks and social supports, and for those for whom
17 it is medically indicated, one would consider puberty
18 blockers or hormones.

19 Q. Do the standards of care that you named specify
20 what should be included in an assessment of an
21 adolescent patient?

22 A. It does.

23 Q. What is that?

24 A. As I had mentioned earlier, the assessment is a
25 comprehensive approach that has not defined specific --

1 it doesn't have a cookbook of how you're supposed to do
2 it, so it allows for individualized approaches based
3 upon an individual's training, experience, time working
4 with the families, et cetera. But in essence, all of
5 the components are going to be similar. How you get to
6 those components is going to change, but that means
7 you're going to do a diagnostic assessment, that you're
8 qualified to make a diagnosis of gender dysphoria and
9 that the symptoms are present and persistent across time
10 and to significant impairments in functioning, that
11 you're doing a diagnostic assessment for any other
12 co-occurring mental health conditions and understanding
13 how those co-occurring mental health conditions impact
14 either the gender dysphoria or the patient's
15 functioning, that you're doing an assessment of the
16 social context in which that child lives, the family
17 context, and school context in which that child is
18 experiencing, and understanding the potential risks,
19 benefits, and alternatives of whatever the proposed
20 intervention is, whether that's therapy alone, whether
21 that is puberty blockers, whether that's hormones, or
22 whether that's surgery.

23 And most importantly is to recognize that
24 a family is an integral part of the assessment. We are
25 engaging parents from the beginning to understand their

1 experiences and their observations of their child and
2 making sure, given they are the medical decision-makers
3 for their child, that they have an understanding of the
4 potential interventions that may be recommended.

5 Q. Are there any psychiatric comorbidities that
6 are common in gender dysphoric patients?

7 A. We would anticipate any minoritized group that
8 faces stigma to experience higher rates of depression
9 and anxiety. And that's something that we see in
10 elevated rates with kids with gender dysphoria. We also
11 see increased rates of suicidal ideation, eating
12 disorders, suicidal ideation. But I also think it's
13 important to know when we follow these kids
14 longitudinally, those presenting for care, the most
15 common co-occurring diagnosis among kids with gender
16 dysphoria is no diagnosis at all.

17 Q. You mentioned minoritized youth. Do you have
18 an understanding of why these co-occurring mental health
19 issues are common among patients with gender dysphoria?

20 A. I think there's a number of reasons. Number
21 one, stigma and bias itself. Having to live in an
22 identity that is constantly invalidated or rejected or
23 criticized can lead to increased stress, anxiety,
24 depression. The experience of gender dysphoria itself,
25 your experience with your body rejecting your sense of

1 identity, the discomfort you feel every day, the
2 constant buzzing of anxiety and worry that can be
3 incredibly distracting can be in and of itself quite
4 harmful.

5 Q. Does having anxiety affect an individual's
6 understanding of their gender identity?

7 A. It would be highly unusual for anxiety to
8 impact anybody's capacity to understand their sense of
9 self.

10 Q. What about depression?

11 A. It would be highly unusual for it to impact it
12 in that way.

13 Q. Does the presence of anxiety, depression, or
14 other psychiatric co-occurring conditions affect the
15 capacity of an individual to provide informed consent or
16 assent to medical care?

17 A. Well, first, again, it's the parents who are
18 providing the informed consent. But for the child who's
19 providing an informed assent, it would be highly unusual
20 for any psychiatric diagnoses to impact the capacity to
21 consent. Even among our most psychiatrically-ill
22 patients with chronic psychotic disorders or bipolar
23 disorder, most of the time they retain the capacity to
24 consent to almost all of their medical care.

25 Q. And you mentioned both consent and assent. Can

1 you explain to the Court the difference between informed
2 consent and assent?

3 A. Yeah. I think we want to make sure that the
4 care that we're providing is patient and family
5 centered; right? So even though legally it is the
6 parents who are providing the consent for any treatment,
7 we are not going to make a recommendation if that
8 adolescent can't also understand the intervention that
9 they are agreeing to. That is the difference between
10 assent and consent.

11 We need to -- the process is the same;
12 right? We are understanding the child's ability to
13 understand the risks, benefits, and alternatives of an
14 intervention as well as the risks, benefits, and
15 alternatives of not intervening, that we're assessing
16 the capacity to understand what the intervention is
17 actually going to do and whether or not that's realistic
18 as well as that of the parents.

19 Q. Dr. Janssen, are you familiar with SB 14?

20 A. I am.

21 Q. Are the medical treatments for adolescents with
22 gender dysphoria that are recommended by the Clinical
23 Practice Guidelines prohibited by SB 14?

24 A. They are.

25 Q. How do these medical interventions that we have

1 been discussing alleviate gender dysphoria in
2 adolescents?

3 A. It alleviates it on a number of different
4 levels. First we see relief from the gender dysphoria
5 itself. We see kids who -- as an example, one of the
6 kids that I saw who had an incredible amount of distress
7 every time menstruation would occur, then being able to
8 access puberty blockers and knowing that they had
9 control over their body, that their period was no longer
10 going to come, just created a sense of relief and hope
11 and an ability to understand and think about what their
12 future life might look like as opposed to having a
13 foreshortened sense of self, a foreshortened sense of
14 their future. I've had kids describe having access to
15 this medical care as lifesaving and that it increases
16 functioning in a significant and positive way.

17 Q. In your experience, what are some of the
18 consequences of not providing treatment for gender
19 dysphoria -- medical treatment for gender dysphoria when
20 such treatment is medically indicated?

21 A. Well, first, gender dysphoria is a diagnosis.
22 It's a serious diagnosis. And if we have a treatment
23 for it and we're not able to access that treatment, we
24 would anticipate the symptoms and the functioning
25 resultant from that diagnosis would worsen and

1 intensify.

2 The second major part that's really
3 important to note is that the unwanted puberty will
4 continue to progress over time. And what that means for
5 a transgender youth is that your body will be changing,
6 and your body will be changing into a way that is
7 unaligned with your gender identity, and that can have
8 lifelong consequences. In the moment you see distress
9 from these changes, but it also means that if patients
10 are going to wait until adulthood to transition
11 medically, it makes it much more difficult and much more
12 unsafe in their communities.

13 Q. Dr. Janssen, one argument that some of the
14 defendants' designated experts have made is that
15 providing medical care for adolescents diagnosed with
16 gender dysphoria essentially ensures that they will
17 persist in their transgender identity. What is your
18 response to that?

19 A. There's no evidence to support that assertion.

20 Q. Is there any evidence that psychotherapy alone
21 is sufficient to resolve an adolescent's gender
22 dysphoria if medical treatment is indicated?

23 A. There is no evidence to suggest that.
24 Utilization of psychotherapy alone has been used for a
25 long time without alleviation of distress. I think it's

1 also important to note that delaying care that is
2 medically necessary leads to worse outcomes in the long
3 term for these adolescents as well.

4 Q. Is there any evidence that addressing or
5 resolving a co-occurring condition on its own leads to a
6 resolution of a person's gender dysphoria?

7 A. There's no evidence to suggest that. And
8 similarly as to my last statement, if you delay
9 treatment for gender dysphoria in order to treat the
10 co-occurring mental health diagnoses, it tends to delay
11 improved outcomes.

12 Q. We've talked a little bit about the assessment
13 and diagnosis of gender dysphoria. Can you tell me a
14 little bit about the role of the mental health
15 professional in deciding whether to undergo
16 gender-affirming medical care?

17 A. There's a number of different factors that are
18 involved that a mental health provider participates in.
19 One is in that assessment process that has all the
20 elements that we've talked about, is the diagnosis
21 present, does the child understand the intervention and
22 understand the risks and benefits of the intervention as
23 well as the risks and benefits of not engaging in the
24 intervention, understanding that co-occurring mental
25 health diagnoses and whether or not they're impacting

1 the capacity to consent, understanding the social
2 context and the family context in which those
3 individuals live, and making a recommendation based upon
4 medical necessity for any further interventions.

5 Q. In order to conduct this informed
6 consent/assent process to discuss the risks and benefits
7 of treatment, do you have to be aware of the research in
8 this area?

9 A. You do, yes.

10 Q. Are you familiar with the body of research
11 regarding the efficacy of gender-affirming medical
12 treatments to treat gender dysphoria?

13 A. I am.

14 Q. In your opinion, what does the body of research
15 tell us about the efficacy of puberty-delaying
16 medications to treat gender dysphoria in adolescents?

17 A. We see improvement in gender dysphoria. We see
18 improvement in distress. We see improvement in mental
19 health symptoms.

20 Q. How does this accord with your clinical
21 experience?

22 A. It's much drier than my clinical experience.
23 In my clinical experience, I see all those things, yes,
24 but you also see things that don't make it into
25 peer-reviewed journals, like a sense of relief, an

1 ability to take ten minutes in the morning to go to
2 school as opposed to two hours because it took that
3 amount of time to find that one outfit that feels like I
4 can leave the house and people are going to recognize me
5 for who I am as opposed to making assumptions about how
6 I look. It is being able to imagine a future that can
7 be actualized and make decisions for themselves. It is
8 about having the confidence to go to the restroom, to
9 not worry about menstruation when that's a rejection of
10 their sense of self. There's a number of really
11 profound impacts of these interventions that don't make
12 it into the dry medical journals as we read them.

13 Q. In your opinion, what does the body of research
14 tell us about the efficacy of hormones to treat gender
15 dysphoria in adolescents?

16 A. When we see adolescents with gender dysphoria
17 able to have increased body congruence, when their body
18 starts to change in accordance to their gender identity,
19 we see improvements in functioning. We see improvements
20 in mental health outcomes. We see improvements in core
21 gender dysphoria symptoms.

22 Q. And how does that accord with your clinical
23 experience?

24 A. Again, in a much drier way. We see kids who
25 are able to live full lives as a result of these

1 treatments, as we heard earlier, kids who are able to
2 leave their rooms, kids who are able to engage in social
3 relationships, kids who are able to function, which is
4 really what we're aiming for, is how do we improve
5 functioning for these kids.

6 Q. In your opinion, what does the body of research
7 tell us about the efficacy of surgery to treat gender
8 dysphoria?

9 A. For those for whom it is clinically indicated,
10 it is a highly effective intervention and in some cases
11 is actually curative of gender dysphoria. We see
12 improvements in gender dysphoria. We see improvements
13 in mental health outcomes. We see improvements in
14 functioning.

15 Q. How common is surgery for gender dysphoric
16 patients under 18?

17 A. It's highly rare.

18 Q. Are there any particular types of surgeries
19 that are more common than others?

20 A. More commonly adolescents would be accessing
21 top surgery or chest masculinization surgery.

22 Q. And how does the research that you've just
23 discussed accord with your clinical experience?

24 A. It's aligned with the clinical experience. We
25 see adolescents who are able to live their lives fully,

1 who have improved outcomes, who feel more confident.
2 The number of conversations I've had with transgender
3 boys and young adolescent boys who take hours every
4 morning to get the binder just right, to find that way
5 of tucking their shirt in that allows them to feel
6 confident without their chest giving them away, to have
7 them leave the house and talk about this just sense of
8 relief, I can go to gym class and I can participate, I
9 can go swimming, there's just an intense improvement
10 that we see among these kids.

11 Q. Some of the State's designated experts have
12 argued that the provision of puberty-delaying
13 medications is a one-way road to further medical
14 interventions. What is your response to that?

15 A. There's no evidence to suggest that's the case.
16 And in my clinical experience, I've had a number of
17 youth who will start puberty blockers who opt to
18 discontinue it because they felt aligned with their
19 gender identity.

20 Q. Is there any evidence that puberty-delaying
21 medications access -- or act as some type of switch that
22 children will go on to persist in their transgender
23 identity?

24 A. There's no evidence to suggest that. In fact,
25 the data we have from transgender youth who were

1 followed in the community, their identity persists
2 independent of whether or not they had access to gender
3 dysphoria treatment such as puberty blockers. The
4 recommendations that we require -- the requirements that
5 we have for individuals to access puberty-blocking
6 medications is quite high. It's a very high bar in
7 order to reach recommendations for proceeding with this
8 treatment, and so it's not surprising that most of those
9 youth will go on to have persistent gender identity --
10 persistent gender dysphoria that requires other medical
11 care.

12 Q. Some of the State's designated experts argue
13 that mental health professionals believe that a patient
14 suffers gender dysphoria solely based on the patient's
15 self-report and that they really don't scrutinize and
16 take it at face value. What is your response to that?

17 A. I mean, it's a little diminishing of the field
18 of psychiatry and mental health in general. Self-report
19 is a part of all medical history taking. It's an
20 important element to be able to hear what the patient's
21 experience is, but it's one component of an assessment.
22 It's not the entirety of the assessment. We're always
23 looking at multiple layers, not just what the patient is
24 saying but how we are saying it and how it accords to or
25 discords to the experience that parents and teachers

1 have about those same incidents and experiences.

2 Q. Some of the State's designated experts discuss
3 a theory that an increase in the number of transgender
4 boys in late adolescence presenting to gender clinics
5 for treatment of gen- -- for gender dysphoria is a
6 result of peer pressure or social contagion. What is
7 your response to that?

8 A. I think it's a little reductive, and it's
9 certainly not in accordance with my clinical experience.
10 I have patients who talk about their experiences for
11 years and years and years of distress, a sense of
12 differentness that they had a hard time articulating.
13 And once they found a community of support where they
14 had the language and the tools and the mirror to be able
15 to see this makes sense, this explains my differentness,
16 this is exactly it, there's an experience of coming out,
17 of talking about it. And so to an outside observer it
18 may look like I went on a website and now I'm
19 transgender or to a parent this seems like it could come
20 out of nowhere, but most of the time these are years of
21 developmental tasks, years of distress, years of
22 exploration that children find in order to get to a
23 sense of self.

24 Q. You mentioned websites. Some of the State's
25 designated experts have suggested that the fact that

1 some adolescents find communities online with other
2 transgender adolescents suggest that it's proof that
3 social contagion is a reason to explain the prevalence
4 of gender dysphoria. What is your response to that?

5 A. They have the relationship backwards.
6 Minoritized youth seek out affinity spaces, whether
7 that's with race, ethnicity, interests, hobbies, gender
8 identity, sexual orientation, and it's not uncommon for
9 like to seek out like. And it's from these groups that
10 often kids have the most amount of social support that
11 they can get. It doesn't create a gender identity.

12 Q. Some of the State's designated experts argue
13 that adolescents based on their brain development lack
14 the mental capacity to assent to this medical care.
15 What is your response to that?

16 A. I have two responses to that. One, it's not
17 true. And we have lots of evidence. As an example, in
18 Europe the age of consent is 16 in most of the
19 countries. We recognize that children have the capacity
20 to assent in all types of medical care here in the
21 United States. This seems like it is a bit of a
22 Heilmeyer (phonetic). Yeah.

23 Q. Some of the State's designated experts opine
24 that parents and caregivers of transgender adolescents
25 are unable to provide informed consent because there's

1 no full accounting of all the potential risks associated
2 with these medical interventions. What is your response
3 to that?

4 A. If we expected parents to have a full
5 accounting not only of the known risks but of the
6 unknown risks, we would never have any medicine that we
7 would be able to practice in the field of pediatrics.
8 There's no single intervention. Not even Tylenol has a
9 full accounting of the potential risks.

10 Q. I would like to get into it a little bit and
11 ask you about the harms that people may experience for
12 not having access to care. You talked a little bit
13 about this earlier. But can you tell me about what
14 effect the lack of access to gender-affirming medical
15 interventions has for transgender people with gender
16 dysphoria?

17 A. It's a highly individualized experience, but it
18 has profound impact. To be told that we know that
19 there's medically necessary and clear standard of care
20 that would make your life better and improve care for
21 your gender dysphoria and you can't have access to it,
22 you're going to have intensification of the gender
23 dysphoria. It would not be uncommon to see worsening
24 depression and anxiety. Sometimes it would not be
25 uncommon to see increased thoughts of suicidality or

1 self-harm as well as a foreshortened sense of a future.

2 I've had a number of patients -- you know,
3 I practice in Illinois. We have the opportunity to make
4 recommendations for this treatment there. And even the
5 patients I see in Illinois feel targeted and stigmatized
6 and wonder why -- why are people targeting me in this
7 way? What have I done? And that can have a real
8 profound impact. We see -- in communities where these
9 kinds of laws are passed, you see increased searches for
10 suicide attempts and methods of suicide attempts after
11 these laws are passed.

12 Q. Dr. Janssen, in your opinion, is the provision
13 of gender-affirming medical interventions to treat
14 gender dysphoria in adolescents experimental?

15 A. It is not experimental.

16 Q. Is it safe?

17 A. It is safe.

18 Q. Is it effective?

19 A. It is effective.

20 Q. Thank you, Dr. Janssen.

21 MR. GONZALEZ-PAGAN: No further questions
22 at this time.

23 THE COURT: Thank you, sir. Do you have
24 cross for this witness?

25 MS. DYER: Yes.

1 THE COURT: About how long?

2 MS. DYER: I would estimate maybe 10,
3 15 minutes at most.

4 THE COURT: All right. Go ahead.

5 **CROSS-EXAMINATION**

6 BY MS. DYER:

7 Q. Good morning, Dr. Janssen. Thank you for
8 coming.

9 A. Good morning.

10 Q. I have just a few questions. I shouldn't take
11 too much longer. I'm not trying to beat the horse. So
12 first -- let me see. You testified that you treat
13 minors with gender dysphoria; correct?

14 A. That is correct.

15 Q. Okay. And have you ever prescribed puberty
16 hormone blockers or is that something you refer
17 different patients to?

18 A. I refer patients.

19 Q. Okay. And when -- have you ever referred a
20 patient on their very first visit to see you?

21 A. I don't have my records in front of me, but
22 that would be highly unusual.

23 Q. After about how many visits would you say on
24 average? Again, nothing specific about any of your
25 patients obviously, but just on average, how often --

1 how long does it take you?

2 A. It's going to be really individualized and
3 dependent on context. Given my niche in the field of
4 working with kids with co-occurring mental health
5 diagnoses and gender dysphoria, generally my assessments
6 are going to be a little bit longer. But I'm also
7 providing opinions sometimes for folks who have been in
8 care with established professionals for years, so I have
9 a lot of information, so in those cases it will take
10 less time than to do a full thorough assessment because
11 there's so much information that's already been
12 gathered.

13 Q. Okay. And you've mentioned a thorough
14 assessment. About how long does it take you to conduct
15 one of those for, let's say, a brand-new patient?

16 A. First of all, I don't have, like, a nice answer
17 for you because it really is dependent upon the
18 clinically presenting symptoms.

19 Q. Would you say something along the lines of
20 15 minutes, 30 minutes, to five hours? I'm just trying
21 to get an idea, not necessarily something specific.

22 A. Sure. I mean, again, it depends upon the
23 complexity of the situation, what are the details of the
24 co-occurring mental health conditions. Typically I'm
25 taking three to five hours as an initial assessment over

1 a period of a few visits before I make any
2 recommendations.

3 Q. Okay. And you said that gender identity was
4 innate; correct?

5 A. Yes.

6 Q. Okay. Are you familiar with the American
7 Academy of Pediatrics policy statement regarding gender
8 identity?

9 A. I am familiar that they have one. I'd have to
10 see it in front of me to comment on it.

11 Q. If I told you that it says that gender identity
12 develops over time and yet for some people gender
13 identity can be fluid, how would you respond to that?

14 A. I think that it's aligned with what I discussed
15 in terms of how people understand and express their
16 gender identity can change and evolve over time. That
17 core sense of gender identity isn't something that is
18 changeable.

19 Q. Okay. And then let me see. You testified that
20 social media -- or I can't remember the exact phrasing
21 counsel used for that, but that social media and social
22 contagion is not something that had a direct impact or
23 it broke it down to be too big of an issue where,
24 you know, it wasn't directly the cause of it. Is that
25 your -- a correct assessment of your testimony?

1 A. I'm not sure I understood.

2 Q. I know. I'm sorry. I guess what I'm trying to
3 say is from my understanding of your testimony, you said
4 that social media was not necessarily the cause of the
5 influx of individuals you've seen that are now
6 transgender boys. Is that correct?

7 A. I would say that there's no evidence to suggest
8 that social media is the cause of increased rates of
9 gender dysphoria.

10 Q. Would you say it's a contributing factor?

11 A. I don't think there's evidence to support that.

12 Q. Okay. Have you seen social media impact or
13 social contagion impact any other mental health
14 diagnoses?

15 A. I have seen it, yes.

16 Q. In what other mental health diagnoses?

17 A. Tics in particular.

18 Q. Okay. And why do you think that in tics in
19 particular social media can be an impact but in gender
20 dysphoria it's not?

21 A. What I would clarify is to say that media
22 impacts all mental health disorders as well as social
23 contexts, social relationships, family relationships.
24 Part of what we're doing in an assessment is to
25 understand how those social impacts influence a child's

1 sense of self and the reasons they're coming to a sense
2 of self and the reason they are making recommendations
3 or wishing for particular interventions. There's a
4 difference between having a social media experience or a
5 social context influence one's sense of self versus
6 having to create a diagnosis de novo. That's the part
7 that is not present.

8 Q. So would you say that social media does impact
9 potentially a gender identity and gender dysphoria
10 diagnosis?

11 A. I would say that my clinical experience is that
12 by and large kids having access to peers who share their
13 experiences has a really profound positive influence on
14 their experience of self.

15 Q. Okay. And let's see. You had testified
16 that -- oh, you testified that you're very familiar with
17 the research in this area of gender identity and in
18 gender dysphoria diagnoses; correct?

19 A. Yes.

20 Q. Are you familiar with the Bränström study? I
21 may be mispronouncing that, but it's got a few accents
22 on it.

23 A. I would have to see it in front of me. I'm not
24 the best with names.

25 Q. Okay. It was a peer-reviewed -- if I told you

1 it was a peer-reviewed study that was conducted and
2 happened through the American Journal of Psychiatry,
3 have you -- if I told you that they had to issue a
4 correction about their study, does that ring any bells
5 about the study itself?

6 A. I have a bell that is ringing, but part of what
7 I'm going to do in terms of studies is review all of the
8 study to make sure I'm understanding it before I can
9 comment with any specificity on it.

10 Q. Absolutely. If I told you that they -- that
11 they did in fact issue a correction this year and they
12 said that their study did not support a finding of
13 improved mental health in post-surgeries for patients
14 that have gone through plastic surgery for these things,
15 how would you respond to that?

16 A. I would say our job --

17 MR. GONZALEZ-PAGAN: Objection,
18 Your Honor. At this point counsel is testifying. If
19 she wants to ask him about the study, she can show him
20 the study.

21 MS. DYER: Your Honor, I was asking a
22 hypothetical.

23 THE COURT: I'm going to overrule the
24 objection. If you can answer, Dr. Janssen.

25 A. Part of our job as physicians, particularly in

1 this field, is to recognize the full body of evidence
2 and clinical experience and look to the guidelines, the
3 gold standard within the field for support and guidance
4 in terms of appropriate next step. If we look at the
5 broad evidence, the scientific peer-reviewed literature,
6 we would say that the impact of surgery on gender
7 dysphoria is positive and leads to improvement.

8 Q. And would you consider peer-reviewed studies to
9 be the gold standard?

10 A. I would consider peer-reviewed studies to be
11 the gold standard, yes, but it's a component, not the
12 only component.

13 Q. And lastly, I noted that you testified that
14 it's a parent who provides the informed consent. Did I
15 understand that correctly?

16 A. In most cases it is the parent providing the
17 informed consent process. There are occasions in which
18 it is the State or other actors within the child's
19 family.

20 Q. Absolutely. Their guardian. I should have
21 clarified that. And you mentioned that the adolescents
22 assent to that. You didn't use the word informed
23 consent; you used assent. Is that correct?

24 A. That's correct.

25 Q. And you also testified that you're familiar

1 with the WPATH standards -- correct? -- and that you
2 actually assisted in their creation also?

3 A. That is correct.

4 Q. If I told you that the WPATH standard expressly
5 states that informed consent must come from a minor, how
6 would you respond to that based on your testimony?

7 A. The document is the World Professional
8 Association of Transgender Health, and so it encompasses
9 recommendations and adjusts for individuals in the
10 United States but also throughout the world. Many
11 different countries have different ages of majority for
12 capacity to make medical decisions. As I mentioned, in
13 Europe the age at which patients consent to their
14 medical care is 16, which is still recognized as a
15 minor.

16 Q. Okay. And -- oh, lastly, with regards to
17 the -- I call -- I refer to it as WPATH, if that's okay.
18 The WPATH standards claim that a qualified mental health
19 diagnosis must be done. Is that correct? Or is that --
20 are you familiar?

21 A. It depends on the context.

22 Q. In order to receive puberty blockers, cross-sex
23 hormones, you mentioned that a mental health assessment
24 was done on children.

25 A. A diagnosis of gender dysphoria is required to

1 access care. It is not necessary for that person to be
2 a mental health professional. It could be other medical
3 professionals that can give that diagnosis.

4 Q. So would you say that an endocrinologist can
5 make a gender dysphoria diagnosis?

6 A. I would.

7 Q. And what about a family care practitioner?

8 A. I would.

9 Q. Okay.

10 MS. DYER: I have nothing further,
11 Your Honor.

12 THE COURT: All right. Do you have
13 redirect?

14 MR. GONZALEZ-PAGAN: No redirect,
15 Your Honor.

16 THE COURT: All right. Thank you,
17 Dr. Janssen.

18 THE WITNESS: Thank you.

19 THE COURT: You're done on the stand.

20 Ladies and gentlemen, we're going to go
21 ahead and take a morning break. It is 10:25. I would
22 like to get started again at 10:40, and we are on break
23 and off the record until then.

24 *(Recess taken)*

25 THE COURT: For the plaintiff, who's the

1 next witness?

2 MS. WOOTEN: Your Honor, next on the list
3 is Dr. Shumer. As a matter of housekeeping, although we
4 discussed invoking the rule yesterday, we did not do
5 that on the record.

6 THE COURT: Okay. Yes, we did. So as
7 discussed yesterday, we will invoke the rule in this
8 case, which means that any witness that is not an expert
9 is precluded from being in the courtroom during the
10 testimony. So I don't think we've had an issue to this
11 point, but yes, officially for our record the rule has
12 been invoked.

13 And so, Dr. Shumer, come on up. Good
14 morning, sir.

15 THE WITNESS: Good morning.

16 THE COURT: If you'll raise your right
17 hand for me.

18 *(Witness sworn)*

19 THE COURT: Go ahead and make your way up
20 there.

21 If you'll make sure that green light is
22 on.

23 MR. SELDIN: Yes, Your Honor. Good
24 morning.

25

1 **DANIEL SHUMER, M.D.,**

2 having been first duly sworn, testified as follows:

3 **DIRECT EXAMINATION**

4 BY MR. SELDIN:

5 Q. Good morning, Dr. Shumer.

6 A. Good morning.

7 Q. Could you please state your name for the record
8 and spell it for the court reporter?

9 A. Daniel Shumer, D-a-n-i-e-l, S-h-u-m-e-r.

10 Q. And what is your profession?

11 A. I'm a pediatric endocrinologist.

12 Q. And could you please summarize for the Court
13 your formal education and training?

14 A. I attended medical school at the Feinberg
15 School of Medicine at Northwestern University.
16 Afterwards I was a pediatrics resident at Vermont
17 Children's Hospital at the University of Vermont and
18 also a chief resident there. I was then a fellow in
19 pediatric endocrinology at Boston Children's Hospital.
20 Concurrent with that fellowship I received a master's of
21 public health from the T.H. Chan School of Public Health
22 at Harvard University.

23 Q. And what current positions do you hold?

24 A. I'm a pediatric endocrinologist at Mott
25 Children's Hospital University of Michigan. I am an

1 associate professor at the medical school of University
2 of Michigan. I'm the medical director of the Child and
3 Adolescent Gender Clinic at Mott Children's Hospital and
4 the medical director of the Comprehensive Gender
5 Services Program at Michigan Medicine, which is how
6 healthcare is organized for transgender adult and
7 pediatric patients.

8 Q. And over the course of your career, about how
9 many adolescents have you provided gender-affirming care
10 to?

11 A. Approximately 400.

12 Q. Have you conducted research on the treatment of
13 gender dysphoria in adolescents?

14 A. I have.

15 Q. Have you published peer-reviewed articles on
16 the treatment of gender dysphoria in adolescents?

17 A. Yes.

18 Q. And we're displaying on the screen what's been
19 pre-marked and pre-admitted as Plaintiffs' Exhibit 8.
20 Do you recognize this document?

21 A. I do.

22 Q. What is it?

23 A. It's my CV.

24 Q. And does this exhibit accurately reflect your
25 education, training, and experience?

1 A. It does.

2 MR. SELDIN: Your Honor, at this time,
3 pursuant to Rule 702, I would move to qualify Dr. Shumer
4 as an expert witness on the nature of gender dysphoria,
5 the provision, protocols, and treatment of gender
6 dysphoria in adolescents, and the field of pediatric
7 endocrinology.

8 THE COURT: Any objection?

9 MR. STONE: No objection, Your Honor.

10 THE COURT: All right. Thank you. So
11 designated.

12 Q. (BY MR. SELDIN) And Dr. Shumer, were you in
13 the courtroom when Dr. Janssen was testifying earlier
14 about gender dysphoria?

15 A. Yes, I was.

16 Q. And what is gender dysphoria?

17 A. Gender dysphoria is distress caused by a
18 disconnect between one's gender identity and assigned
19 sex at birth which is lasting for more than six months
20 in duration and also causing significant impairment in
21 one's life or functioning.

22 Q. And how is gender dysphoria diagnosed?

23 A. It's diagnosed by a mental health or medical
24 provider.

25 Q. And is any medical treatment provided for

1 gender dysphoria prior to the onset of puberty?

2 A. Prior to the onset of puberty, there's no
3 hormonal intervention or medical intervention that would
4 be required or recommended. Prior to the onset of
5 puberty, the treatment of gender dysphoria involves
6 supportive care and potentially psychotherapy.

7 Q. And taking a step back, Dr. Shumer, what is
8 puberty?

9 A. Puberty is the process -- a life process when a
10 person transitions from childhood to adulthood.

11 Q. And is there a clinical term used to describe
12 the onset of puberty?

13 A. Puberty can be described by the visual
14 appearance of a person going through puberty, and that
15 is oftentimes referred to in medicine as Tanner staging.
16 So Tanner, who was a doctor that came up with this
17 system of observation, described that by observation of
18 breast buds or testicular enlargement or other factors,
19 you can describe how far someone is in puberty.

20 So, for example, at Tanner stage 1 there
21 would be no visible evidence that someone has started
22 puberty. Tanner stage 2 would be the first stage that
23 you could see visible evidence that a person has started
24 puberty, such as development of breast buds or
25 testicular enlargement. If someone's at Tanner stage 5,

1 that would mean that they've completed the process of
2 puberty.

3 Q. And at what age do people typically reach
4 Tanner stage 2?

5 A. There's a wide range of normal, but on average
6 about age 11.

7 Q. And do you use any guidelines in your practice
8 as a pediatric endocrinologist?

9 A. Specific to the treatment of gender dysphoria,
10 yes. I use the World Professional Association for
11 Transgender Health Version 8 and the Endocrine Society
12 Clinical Practice Guidelines.

13 Q. And does the Endocrine Society issue guidelines
14 other than the ones you just referenced for the
15 treatment of gender dysphoria?

16 A. They do.

17 Q. And do you rely on those in your practice as
18 well?

19 A. Yes.

20 Q. And the evidence in the Endocrine Society
21 guideline for the treatment of gender dysphoria, is that
22 comparable to the evidence and other guidelines used in
23 pediatric medicine?

24 A. Yes. Any medical problem that requires
25 guidelines inherently is a complex issue. Otherwise, it

1 wouldn't need a guidelines written to describe how
2 management should go. So all of the Endocrine Society
3 Guidelines, for example, are based on similar evidence.

4 Q. And Dr. Shumer, what are the types of treatment
5 that you provide for adolescents that have been
6 diagnosed with gender dysphoria?

7 A. Sorry. Can you repeat that?

8 Q. Sorry. What are the types of medical treatment
9 that you provide for adolescents that have been
10 diagnosed with gender dysphoria?

11 A. So an adolescent with gender dysphoria that has
12 started puberty, so is at Tanner stage 2, may benefit
13 from intervention with GnRH agonists, which are
14 oftentimes referred to as puberty blockers or pubertal
15 suppression. Older adolescents may benefit from
16 hormonal intervention such as testosterone or estrogen.

17 Q. And what is the goal of treatment for gender
18 dysphoria in adolescents?

19 A. The goal of treatment is similar to the goal of
20 treatment for any medical problem, to improve health.
21 Specific to the treatment of gender dysphoria, it's to
22 reduce the dysphoria in order to help to allow a young
23 person to have the happiest, healthiest life that they
24 can have.

25 Q. And in your clinical practice, what is the

1 informed consent or assent process like?

2 A. Similar to other informed consent process
3 throughout medicine, an informed consent process
4 involves first explaining what the condition is that's
5 being diagnosed, what the treatment options for that
6 condition are, how those treatment options work, how the
7 treatment options may be provided to the patient, how
8 they're taken, what we're expecting will happen if a
9 patient takes those medications, what are the potential
10 benefits that might be achieved or what are our goals of
11 treatment, what are some potential side effects of
12 medication, what are alternatives to treatment. And
13 also, in so doing, the provider is assessing
14 understanding from the patient themselves and from the
15 parent answering questions and then ultimately making a
16 decision about next steps in care.

17 Q. And is that process unique to the informed
18 consent or process for the treatment of gender
19 dysphoria?

20 A. No. It's the same for any medical intervention
21 that I'd be providing.

22 Q. And first you mentioned GnRH agonists or
23 pubertal suppression. When might puberty blockers be
24 medically indicated for an adolescent with gender
25 dysphoria?

1 A. It may be indicated if someone has started
2 puberty and, as puberty has started, gender dysphoria
3 has persisted or intensified. And in that case we might
4 expect that as puberty continues, the child would
5 develop more secondary sex characteristics, those
6 differences that help to identify men versus women; so
7 for men, deeper voice, more body hair, more facial hair,
8 body shape changes; for women, breast shape changes,
9 body shape changes, skin softening. Those secondary sex
10 characteristics are different between males and females
11 due to different hormones.

12 GnRH agonists arrest the progression of
13 the production of those hormones. And so in doing that,
14 the child -- if puberty is causing distress, that
15 distress would be alleviated. But also, by never
16 developing the secondary sex characteristics associated
17 with the unwanted puberty, in the long term that person
18 would not have to carry those secondary sex
19 characteristics with them for the rest of their life,
20 which would have the potential for long-term harm.

21 Q. And are those the goals of puberty suppression
22 for the treatment of gender dysphoria in adolescents?

23 A. Ultimately the goal is to improve gender
24 dysphoria and delay decision-making about hormonal
25 interventions until middle adolescence, and the -- that

1 goal is accomplished by preventing progression of an
2 unwanted puberty.

3 Q. And Dr. Shumer, how does puberty suppression
4 work?

5 A. I think it's first important to understand how
6 puberty works. So puberty starts in an area of the
7 brain called the hypothalamus, which starts making a
8 hormone called GnRH in pulses. Those pulses then
9 inspire the pituitary gland to make two other hormones,
10 luteinizing hormone and follicle stimulating hormone, LH
11 and FSH. And it's those hormones that tell the gonads,
12 testes or ovaries, to make testosterone or estrogen.

13 So GnRH agonists are actually the same
14 hormone that is being made in pulses by the
15 hypothalamus, but when given as a steady dose interferes
16 with those pulses, with the outcome that there's no LH
17 and FSH production, and hence, no production of
18 testosterone or estrogen. So it sort of turns off
19 puberty at the source.

20 Q. And is puberty suppression reversible?

21 A. Yes. So when GnRH agonists are used, they are
22 arresting the progress of puberty. And then if they
23 were withdrawn, then puberty picks up where it left off.

24 Q. Based on your knowledge, your research, and
25 your clinical experience, would you say that the use of

1 puberty suppression to treat gender dysphoria in
2 adolescents is safe?

3 A. Yes.

4 Q. And based on your knowledge of the research and
5 your clinical experience, would you say that the use of
6 puberty suppression is effective for the treatment of
7 gender dysphoria?

8 A. I would.

9 Q. And what's the basis for your opinion that
10 these treatments are safe and effective?

11 A. Those opinions are based on the extensive
12 available evidence related to the use of GnRH agonists
13 for the treatment of gender dysphoria and also my
14 clinical experience working with young people with
15 gender dysphoria.

16 Q. And in your practice as a pediatric
17 endocrinologist, do you treat any other conditions with
18 pubertal suppression?

19 A. Yes. The most common condition that we use
20 GnRH agonists is for something called precocious
21 puberty, which is puberty that occurs too young.

22 Q. Are there conditions other than precocious
23 puberty where GnRH agonists may be indicated?

24 A. They're sometimes used in children with cancer
25 prior to chemotherapy to preserve fertility, and they

1 may be used for adult indications related to the
2 menstrual cycle or for men with prostate cancer.

3 Q. And what are the side effects of pubertal
4 suppression?

5 A. The most common side effect of GnRH agonists
6 would be pain at the injection site if we're using
7 injectable Lupron, that sometimes people could have
8 headaches after administration. I think that -- when I
9 think about side effects of GnRH agonists, I think it's
10 important to think about, well, what are the side
11 effects or consequences of stopping puberty.

12 So in someone with precocious puberty, we
13 would be using GnRH agonists up until the average time
14 that puberty starts, but it's different when we're using
15 it for gender dysphoria. In gender dysphoria, we're not
16 stopping puberty that's too early; we're stopping a
17 puberty that is the wrong puberty for the individual.
18 And so because we're delaying puberty longer than what
19 would be typically expected, the consequences of
20 delaying puberty would include changes to perhaps the
21 timing of the growth spurt and the timing of bone
22 density accrual, which is why we use GnRH agonists for a
23 limited time as we're considering next steps.

24 The other side effect that I would mention
25 is about six people out of the many thousands of people

1 that have been prescribed GnRH agonists have had
2 elevated endocranial pressure, which would be a reason
3 to stop the medication.

4 Q. And you spoke -- you mentioned bone density as
5 a potential issue when delaying puberty. Can you talk
6 about how that's managed in your clinical practice?

7 A. Yes. So how I explain it to patients is that
8 every year our bones get stronger. So from a
9 five-year-old to a six-year-old to a seven-year-old,
10 every year our bones get stronger. And then when we go
11 through puberty, our bones get a lot stronger. So
12 puberty is, therefore, important for this bone density
13 spurt.

14 Now, if you're using medication like GnRH
15 agonists to delay puberty, every year your bones will
16 get stronger still; right? Say you use GnRH agonists at
17 age 12. Your bones -- your bone density at age 13 will
18 be stronger, but it won't be as strong as if we didn't
19 use the GnRH agonists and you were going through puberty
20 and achieving that bone density spurt. That bone
21 density spurt will happen for you after the GnRH
22 agonists are either withdrawn or we start providing
23 hormones like testosterone or estrogen. Everyone must
24 go through puberty at some point in some direction in
25 order to have that bone density spurt that allows adults

1 to have stronger bones than children.

2 Q. And does pubertal suppression have an effect on
3 fertility?

4 A. GnRH agonists themselves do not affect
5 fertility. One must go through some of your endogenous
6 puberty to achieve fertility, but suppressing puberty or
7 delaying puberty does not impact one's fertility.

8 Q. Are the side effects and risks of pubertal
9 suppression different when treating, for example,
10 precocious puberty as opposed to gender dysphoria?

11 A. Only with respect to those differences that I
12 mentioned with regards to delaying things like the
13 growth spurt and bone density accrual. Otherwise, the
14 medication works exactly the same regardless of the
15 indication that's being used.

16 Q. And for your patients who use puberty
17 suppression to treat central precocious puberty, about
18 how long are they on puberty blockers?

19 A. It would be used from the diagnosis of
20 precocious puberty up until an age of average puberty.
21 So that could vary based on when precocious puberty --
22 what age precocious puberty is diagnosed, but most often
23 two to three years.

24 Q. And how does that compare to the amount of time
25 that your patients who are treated with pubertal

1 suppression for gender dysphoria are on puberty
2 blockers?

3 A. For gender dysphoria, it may be comparable or
4 it may be less time compared to people with precocious
5 puberty.

6 Q. Do you consider the use of puberty suppression
7 to treat gender dysphoria in adolescents to be
8 experimental?

9 A. I do not.

10 Q. Earlier you mentioned hormone therapy as
11 another potential treatment for gender dysphoria in
12 adolescents. When might hormone therapy be medically
13 indicated?

14 A. Hormones may be indicated for an older
15 adolescent who is having gender -- who is diagnosed with
16 gender dysphoria and an element of that dysphoria is
17 related to not progressing through puberty in
18 concordance with the gender identity, not developing the
19 secondary sex characteristics in concordance with the
20 gender identity, and allowing that development of
21 secondary sex characteristics would improve that
22 distress.

23 Q. And so what is the goal of providing hormone
24 therapy to treat gender dysphoria in adolescents?

25 A. At its core, it's again to improve health and

1 functioning of the individual. But specifically we're
2 using hormones like testosterone or estrogen to mimic
3 the normal rise of testosterone or estrogen in other
4 people of that gender. So if someone is being
5 prescribed testosterone, we're dosing the testosterone
6 in order to raise the testosterone level up into the
7 normal range for a young person that age. In so doing,
8 very predictably, the development of secondary sex
9 characteristics would follow similar to other young men
10 that age; and similarly with estrogen, using estrogen,
11 dosing estrogen to mimic the normal rise of estrogen in
12 other young women, young women that age, and then
13 predictably expecting the development of secondary sex
14 characteristics similar to other young women, women that
15 age.

16 Q. And in your practice as a pediatric
17 endocrinologist, do you treat other conditions with
18 hormone therapy using estrogen or testosterone?

19 A. Yes. Those are two very common medications
20 used by pediatric endocrinologists.

21 Q. What conditions might you use them for?

22 A. Testosterone would be used for a boy or young
23 man that's not able to make his own testosterone or not
24 able to make enough testosterone. Specific conditions
25 could include someone that has had bilateral testicular

1 loss or testicular torsion. Klinefelter syndrome is a
2 condition that commonly requires supplemental
3 testosterone. We use estrogen for women -- or girls
4 that don't make their own estrogen or don't make enough
5 estrogen. Examples could include ovarian insufficiency.
6 Turner syndrome is a condition where the ovaries are
7 underdeveloped and don't make enough estrogen, but
8 really any condition where puberty doesn't go as
9 planned, as normal, due to a challenge or difficulty
10 making testosterone or estrogen.

11 Q. And based on your knowledge of the research and
12 your clinical experience, would you say that hormone
13 therapy used to treat gender dysphoria in adolescents is
14 safe?

15 A. Yes.

16 Q. And based on your knowledge, your research, and
17 your clinical experience, would you say that the use of
18 hormone therapy is effective for the treatment of gender
19 dysphoria in adolescents?

20 A. I would.

21 Q. And what's the basis for your opinion that
22 these treatments are safe and effective?

23 A. Those opinions are based on the extensive
24 evidence outlining the use of these medications, the
25 evidence based on the treatment of gender dysphoria and

1 other conditions used to treat these medications, but
2 specifically efficacy data specific to outcomes
3 improving after treatment with hormones to treat gender
4 dysphoria.

5 Q. Are there side effects or risks associated with
6 using hormone treatment in adolescents with gender
7 dysphoria?

8 A. As with any medical intervention, there are
9 potential side effects of both testosterone and
10 estrogen. How I think about side effects of
11 testosterone, for example, would be, well, what are the
12 side effects or the consequences of having a normal male
13 testosterone level? Men and women, by virtue of having
14 different hormone levels, have different risks for
15 different things.

16 An example that I find easy to wrap my
17 head around is going bald. So if a trans boy or man
18 never took testosterone, his chance of going bald would
19 be very low. On testosterone his chance of going bald
20 would be very similar, say, to other men in his family.

21 For estrogen, an example that is easy for
22 me to wrap my head around is related to breast cancer.
23 A person with breasts intrinsically has a higher risk
24 for breast cancer than a person without breasts. Some
25 men develop breast cancer, but it's very rare. If a

1 trans woman never took estrogen, her risk for breast
2 cancer would be very low. But on estrogen and
3 subsequent development of -- with subsequent development
4 of breasts, she would be at higher risk for breast
5 cancer than if she never took the estrogen, it turns out
6 probably not as high as cisgender women but high enough
7 that anyone with breasts, whether it's endogenous
8 production of estrogen or taking estrogen, should follow
9 the same mammogram screening as any other woman.

10 Q. Are there risks to fertility associated with
11 hormone treatment for gender dysphoria in adolescents?

12 A. I was going to just back up and add one other
13 comment to the last question. I think that in addition
14 to what would be side effects of having a normal
15 testosterone or estrogen level, we think, well, what
16 would be consequences of having an excessively high
17 testosterone or an excessively high estrogen level?

18 We know that our goal in using
19 testosterone or estrogen is to bring that level up to
20 what's normal. But if someone has an excessively high
21 testosterone level, that wouldn't be healthy. So I
22 think about a baseball player abusing testosterone to
23 hit more home runs. That person would be at higher risk
24 for high red blood cell count, high blood pressure. And
25 so when I'm dosing testosterone, I'm avoiding bringing a

1 testosterone level to an excessively high level,
2 similarly to how I would be monitoring for that in using
3 testosterone in other conditions.

4 For estrogen, an excessively high estrogen
5 level, I would be concerned about a higher risk for
6 blood clotting, and so when using estrogen for gender
7 dysphoria or any other condition, I would be dosing
8 appropriately and monitoring.

9 Q. Thank you, Dr. Shumer. I apologize for cutting
10 you off. My next question was going to be about are
11 there risks to fertility associated with the use of
12 hormone treatment in adolescents with gender dysphoria.

13 A. I think fertility is a really important topic
14 to talk about with anyone we're considering prescribing
15 testosterone or estrogen. The first thing that I always
16 like to point out is that neither testosterone nor
17 estrogen should be considered birth control, that I've
18 had patients and there are many patients every day on
19 testosterone that become pregnant. There are many
20 patients on estrogen that have participated in causing a
21 pregnancy. That being said, if you're on an appropriate
22 dose of testosterone or estrogen, it is less likely that
23 you would ovulate or have a normal sperm count.

24 If a patient on testosterone or on
25 estrogen desired fertility, what I would advise them is

1 to withdraw from the medication, wait for the menses or
2 the testosterone level in their body to return to
3 normal, and then attempt to achieve fertility. If they
4 were still having challenges with fertility, they would
5 be recommended to see a fertility expert.

6 There is probably a subset of people that
7 if they are taking testosterone or estrogen for a long
8 enough period of time may have reduction in their
9 fertility, but also there's a big -- there's variability
10 in fertility in people in the first place. So I think
11 that going into the decision regarding testosterone or
12 estrogen, this type of discussion is important to have.

13 Q. And are there steps that patients can take if
14 preserving fertility is a particular priority for them?

15 A. It's recommended to discuss fertility
16 preservation prior to starting testosterone or estrogen
17 for the reasons I outlined. However, also I -- I hope
18 that you get the sense that I would also not consider
19 testosterone or estrogen the end of the story for
20 someone's fertility, that it's -- that because there may
21 be some impact on fertility, fertility preservation
22 conversations should be -- should be discussed.

23 Q. And do pediatricians provide or prescribe other
24 medications that may bear on fertility?

25 A. Yes. We have to have conversations about

1 fertility when prescribing other medications.
2 Specifically, some chemotherapeutic agents have more
3 significant risk for fertility than testosterone or
4 estrogen, and, you know, important conversations are had
5 with patients and families prior to the initiation of
6 those medications.

7 Q. So conversations about fertility are not unique
8 to the provision of hormone treatment to treat
9 adolescents with gender dysphoria?

10 A. That's correct.

11 Q. And do you consider hormone therapy to be an
12 experimental treatment for gender dysphoria in
13 adolescents?

14 A. I do not.

15 Q. In your clinical experience, what are the
16 benefits of gender-affirming medical care like pubertal
17 suppression and hormone treatment?

18 A. I think that as a pediatrician, you know, I
19 became a pediatrician in order to promote health in
20 children. The experience of meeting a family who is
21 entering the clinic for the first time, maybe feeling
22 scared, anxious, maybe even a bit ashamed, and leaving
23 that visit feeling hopeful and prideful is just such a
24 rewarding experience for me. But the true reward is
25 watching patients who maybe initiated care feeling

1 hopeless and helpless graduating from care as someone
2 who is maybe going off to college, going to law school,
3 getting married, starting a family, with a life that
4 they didn't dream possible and their parents didn't
5 dream possible before initiating care.

6 Q. Are you familiar with SB 14?

7 A. I am.

8 Q. And does SB 14 prohibit the care that we've
9 just been discussing for the treatment of gender
10 dysphoria in adolescents?

11 A. It does.

12 Q. And are there risks of not providing treatment
13 when it is deemed medically indicated for an adolescent
14 with gender dysphoria?

15 A. There are.

16 Q. And what are those risks?

17 A. A person with gender dysphoria that is not
18 treated, I would be concerned that the gender dysphoria
19 would persist or potentially intensify, and that may
20 lead to negative health and mental health outcomes.

21 Q. And what are the risks of terminating treatment
22 for adolescents with gender dysphoria when such
23 treatment has been medically indicated?

24 A. That's quite concerning to me. A patient that
25 is on treatment that's working for something that has

1 been a significant challenge for them who is then told
2 that they can no longer continue the treatment that has
3 been helpful to them I would imagine could have a
4 devastating setback in their gender dysphoria care and
5 their overall health.

6 Q. And so in your expert opinion, what are the
7 effects of stopping pubertal suppression in an
8 adolescent with gender dysphoria who has a medical need
9 for that treatment?

10 A. Stopping pubertal suppression would allow the
11 dysphoria-inducing puberty to resume, which would
12 have -- would carry a risk of deterioration in gender
13 dysphoria and health.

14 Q. And in your expert opinion, what are the
15 effects of stopping gender-affirming hormone treatment
16 in an adolescent who has a medical need for that
17 treatment?

18 A. If a patient is taking testosterone or estrogen
19 and seeing positive impacts related to the development
20 of those secondary sex characteristics, stopping that
21 medication would mean no longer continuing to develop
22 those secondary sex characteristics and allowing the
23 body to make the hormones associated with the unwanted
24 puberty, which I would imagine for many folks would have
25 a negative impact on their health.

1 Q. And do you have to imagine that or have you
2 seen that in your clinical experience?

3 A. I have seen that in my clinical experience.

4 Q. And can that harm be mitigated by withdrawing
5 care more slowly?

6 A. There's no protocol or recommendation about
7 withdrawing care that's working slowly, so that would be
8 experimental.

9 Q. And in your clinical experience -- based on
10 your clinical experience, can you tell us why this care
11 is so important for the patients that you treat?

12 A. It really provides an opportunity to live the
13 life that the patient deserves. I think that patients
14 that come to care, patients with gender dysphoria, are
15 some of the most courageous and resilient people that I
16 know, but they're really suffering from a condition that
17 has a highly effective treatment. And providing that
18 treatment can be invaluable in order to allow that child
19 to achieve their full potential in life.

20 MR. SELDIN: No more questions at this
21 time.

22 THE COURT: Thank you. Any questions from
23 the defense?

24 MR. STONE: Yes, Your Honor, just a few.

25 MS. WOOTEN: Your Honor, if there's no

1 objection, may I give the witness some water?

2 THE COURT: There should be some right
3 there. I'm sorry.

4 MS. WOOTEN: Okay.

5 THE COURT: Yeah, he's got -- I'm not that
6 mean.

7 MS. WOOTEN: Thank you, Your Honor.

8 THE WITNESS: Thank you.

9 THE COURT: Go ahead.

10 MR. STONE: Thank you, Your Honor.

11 **CROSS-EXAMINATION**

12 BY MR. STONE:

13 Q. Doctor, Senate Bill 14 doesn't ban
14 psychotherapy or counseling for minors with gender
15 dysphoria, does it?

16 A. It does not.

17 Q. Psychotherapy is a treatment for gender
18 dysphoria in minors, isn't it?

19 A. It's one of the potential treatments for
20 someone with gender dysphoria, yes.

21 Q. You said you treated about 400 kids for gender
22 dysphoria; right?

23 A. Yes.

24 Q. Have you ever prescribed cross-sex hormones for
25 the treatment of gender dysphoria to a child who was 11?

1 A. I have not.

2 Q. 12?

3 A. Yes.

4 Q. 13?

5 A. Yes.

6 Q. 14?

7 A. Yes.

8 Q. Of the 400 adolescents that you've treated for
9 gender dysphoria, approximately how many of them had top
10 surgery as a minor?

11 A. Approximately 5 percent.

12 Q. Of the 400 adolescent patients that you've
13 treated for gender dysphoria, approximately how many had
14 bottom surgery as a minor?

15 A. I believe zero.

16 Q. Why is it that only 5 percent of the 400
17 adolescents that you've treated for gender dysphoria --
18 minors that you've treated for gender dysphoria have had
19 top surgery?

20 A. I think it's a complicated question to answer,
21 but specific in Michigan, insurance companies cover top
22 surgery to treat gender dysphoria over 18. So patients
23 that may benefit from top surgery under 18 would be
24 paying out of pocket, and that would be prohibitive for
25 some families. Also, the -- not all trans boys desire

1 or require top surgery. So we have a small -- a group
2 of people that may desire and require top surgery, but
3 not all of those people are able to get it.

4 Q. If money wasn't a factor, would you recommend
5 more of the adolescents that you treat for gender
6 dysphoria for top surgery?

7 A. I think it would be --

8 MR. SELDIN: Objection, calls for
9 speculation.

10 MR. STONE: It --

11 THE COURT: Well, hold on. If you can try
12 and rephrase that.

13 Q. (BY MR. STONE) Doctor, of the 400 adolescents
14 that you have treated for gender dysphoria, do you
15 believe that more than 5 percent of them could benefit
16 from top surgery as a -- while they were still a minor?

17 A. Remember that there's two groups of patients
18 that we're considering here. One group has received
19 GnRH agonists in early puberty, so that group of
20 patients -- one of the beauties of using GnRH agonists
21 in early puberty is that they wouldn't have developed
22 breasts that would require surgery. So that group of
23 patients, zero percent of them would need top surgery.
24 Patients that came to care later who developed breasts
25 prior to the initiation of a medical intervention, I

1 would say the majority of them do have chest dysphoria
2 as part of their distress and may benefit from chest
3 surgery, but that's not uniformly true.

4 Q. So of -- I'm asking about the 400 percent. Is
5 your answer of the 400 -- I'm sorry -- patients. So is
6 your answer yes, that there's more than 5 percent that
7 you think could benefit from top surgery as a minor?

8 A. Yes.

9 Q. Do you think all of them could benefit from top
10 surgery as a minor that fall within that second category
11 you just discussed?

12 A. No.

13 Q. Why not?

14 A. Because for some people chest dysphoria is
15 not -- not a significant source of distress. For other
16 people in describing the potential risks, potential
17 benefits, and alternatives for top surgery wouldn't
18 choose to have it.

19 Q. Of the 400 adolescents that you've treated for
20 gender dysphoria, how many of them subsequently
21 desisted?

22 A. What do you mean by "desisted"?

23 Q. What do you mean when -- how do you understand
24 the word "desist" in the context of gender dysphoria to
25 mean?

1 A. To me it's a word that's most commonly used to
2 describe a prepubertal person who has a difference in
3 gender identity that at the time of puberty no longer
4 identifies as that gender or no longer carries a
5 diagnosis of gender dysphoria. So in my practice I
6 don't typically see prepubertal youth, so I would have a
7 hard time answering that question.

8 Q. Okay. So what term would you use for somebody
9 who has taken puberty blockers and cross-sex hormones
10 and then subsequently stops because they feel like their
11 gender identity aligns with their biological sex?

12 A. Right. So the number of people in that
13 scenario would be extremely low.

14 Q. I'm not asking the number. I'm asking what
15 would you call them. Is there a term that you have?

16 A. I think your description is how I would
17 describe that.

18 Q. Okay. Of the 400 adolescents that you've
19 treated for gender dysphoria, approximately how many of
20 them have subsequently stopped taking the treatment that
21 you prescribed to them because they determined that
22 their gender identity aligned with their biological sex?

23 A. So I would say that one of the goals of GnRH
24 agonists is to allow that to happen before making a
25 decision for initiation of a cross-sex hormone. I would

1 say the number of people that have started pubertal
2 suppression and then stopped pubertal suppression I
3 would put in the range of about 10. And people who have
4 stopped hormones because they identify as a gender
5 that's more aligned with their biologic sex, I would say
6 about two.

7 Q. So a total of -- that was percentage or the
8 number of patients?

9 A. Number.

10 Q. Number. So 12 out of the 400?

11 A. Stopped either GnRH agonists or hormones
12 because of a change in their understanding of their
13 gender identity more aligned with their sex assigned at
14 birth.

15 Q. Doctor, is gender identity immutable and fixed?

16 A. Yes.

17 Q. How many genders are there?

18 A. Gender is not something that I think about in
19 terms of how many there are. Gender is a concept of
20 oneself as male, female, or maybe neither one of those
21 categories fits one's -- fits one's experience.

22 Q. So it's male, female, or neither?

23 MR. SELDIN: Objection, Your Honor,
24 misstates testimony.

25 THE COURT: Sustained. Next question.

1 Q. (BY MR. STONE) Doctor, I want you to assume
2 for the purposes of this hypothetical that gender
3 identity is not immutable and fixed. Would that change
4 your assessment as to whether or not the potential --
5 the risks outweigh the potential benefits for the
6 treatment of gender dysphoria in adolescents and
7 specifically with respect to cross-sex hormones?

8 A. No. I think that our job would be to try to
9 understand what characteristics of a person would be
10 helpful in predicting their future gender identity, and
11 in using those clinical skills, working with patients
12 and families, understand what potential interventions
13 may or may not be helpful.

14 Q. Following along with the same hypothetical that
15 gender identity is not immutable and fixed, would it
16 change your assessment as to whether or not the risks
17 outweigh the benefits of performing surgeries on minors
18 for the treatment of gender dysphoria?

19 A. If gender identity was not fixed and immutable,
20 I would want to understand the probability that
21 someone's gender identity would continue to align with
22 the desire for the surgery and then use that in a
23 risk-benefit analysis with the patient and family.

24 Q. Informed consent is necessary from an
25 adolescent themselves prior to starting cross-sex

1 hormones; right?

2 A. Yes.

3 Q. And informed consent from the patient, that is
4 the adolescent, is necessary prior to performing a
5 surgical procedure --

6 A. I'm sorry. I think I misunderstood your last
7 question. Can you repeat it?

8 Q. Yeah. I asked if informed consent is necessary
9 from the adolescent patient prior to prescribing
10 cross-sex hormones.

11 A. So in our country the only people that can
12 provide an informed consent are adults. So when
13 prescribing medical interventions with youth, the term
14 that we use is informed assent.

15 MR. STONE: Your Honor, I would like to
16 show a demonstrative, so I'm going to go back to the
17 table if that's okay.

18 THE COURT: Sure.

19 Q. (BY MR. STONE) Doctor, you testified earlier
20 about the Endocrine Society Guidelines; right?

21 THE COURT: Hold on, Mr. Stone.

22 *(Discussion off the record)*

23 THE COURT: All right. Go ahead,
24 Mr. Stone.

25 MR. STONE: I apologize, Your Honor.

1 THE COURT: That's okay.

2 Q. (BY MR. STONE) Doctor, can you see the
3 highlighted portion on your screen? 2.4. Can you see
4 2.4 on your screen?

5 A. I'm with ya.

6 Q. Okay. Would you agree with me that the
7 Endocrine Society Guidelines state that for the
8 prescribing of cross-sex hormones, prior to it, the
9 provider has to confirm the persistence of gender
10 incongruence and the patient must have sufficient mental
11 capacity to give informed consent, which most
12 adolescents have by the age of 16? Is that what 2.4
13 says?

14 A. It does.

15 Q. Okay. So same question. Do adolescents with
16 gender dysphoria have to provide informed consent prior
17 to having a surgical procedure performed for the
18 treatment of their gender dysphoria?

19 A. Yes, so I think we're using this word "informed
20 consent" -- there's a bit of semantics here. Legally
21 informed consent in our country is something that
22 someone over 18 legally is allowed to do. I think that
23 in the Endocrine Society Guidelines, clearly what
24 they're meaning is that the person is informed of the
25 risks, benefits, and alternatives.

1 So regardless, yes, a person that is
2 receiving any medical intervention should be aware of
3 what the medication or intervention is, what the risks
4 and potential benefits are, what the goals are of that
5 intervention, what the alternatives are. If we want to
6 legally call that informed consent or assent, the idea
7 remains the same.

8 Q. So when you use -- earlier when you were
9 testifying that informed consent is not necessary from a
10 minor prior to prescribing cross-sex hormones, the minor
11 patient, you meant legally; is that -- is that correct?

12 MR. SELDIN: Objection, misstates
13 testimony.

14 THE COURT: If you'll rephrase the
15 question, Mr. Stone. I don't --

16 Q. (BY MR. STONE) I guess I'm not understanding.
17 Could you explain to me, what is the significance of the
18 law with respect to whether or not informed consent is
19 needed from a minor prior to beginning cross-sex
20 hormones for gender dysphoria?

21 MR. SELDIN: Objection, Your Honor. He's
22 not an expert on the law in this instance.

23 THE COURT: Sustained.

24 MR. STONE: Well --

25 THE COURT: Sustained. Next question.

1 MR. STONE: Pass the witness, Your Honor.

2 THE COURT: Okay. Any redirect?

3 MR. SELDIN: None, Your Honor. Thank you.

4 THE COURT: All right. Dr. Shumer, thank
5 you.

6 THE WITNESS: Thank you.

7 THE COURT: You're done on the witness
8 stand.

9 From the plaintiffs, the next witness?

10 MS. WOOTEN: Your Honor, the next witness
11 is Dr. Olson-Kennedy.

12 THE COURT: Okay. Dr. Olsen-Kennedy, if
13 you'll please step forward and raise your right for me.

14 *(Witness sworn)*

15 THE COURT: Please make your way.

16 **JOHANNA OLSON-KENNEDY,**

17 having been first duly sworn, testified as follows:

18 **DIRECT EXAMINATION**

19 BY MR. GONZALEZ-PAGAN:

20 Q. Good morning, Dr. Olson-Kennedy.

21 A. Good morning.

22 Q. Can you please state your name for the record
23 and spell it out for the court reporter?

24 A. Johanna Olson-Kennedy. J-o-h-a-n-n-a. Last
25 name is hyphenated, O-l-s-o-n hyphen K-e-n-n-e-d-y.

1 Q. Doctor, what is your profession?

2 A. I am a medical doctor.

3 Q. What type of doctor?

4 A. I am double board certified in pediatrics and
5 adolescent medicine.

6 Q. And where are you currently employed?

7 A. I am an associate professor at the University
8 of Southern California in pediatrics and also the
9 medical director of the Center for Transyouth Health and
10 Development at Children's Hospital in Los Angeles.

11 Q. And how would you describe your practice?

12 A. My practice is basically split between clinical
13 care of adolescents with gender dysphoria and young
14 adults with gender dysphoria, and the other part of it
15 would be research.

16 Q. About how many patients with gender dysphoria
17 have you treated over your career?

18 A. Over the past 17 years, probably between 11 and
19 1200.

20 Q. You mentioned that you treat both adolescents
21 and young adults, but do you also treat prepubertal
22 patients?

23 A. I have prepubertal patients that I see within
24 the context of my clinic, but medical interventions are
25 not appropriate nor warranted for prepubertal children.

1 Q. What are the treatments that you provide to
2 patients with gender dysphoria, adolescent patients with
3 gender dysphoria?

4 A. So adolescents and young adults, again, as we
5 heard from prior witnesses, puberty suppressive
6 medications as well as gender-affirming hormones.

7 Q. Are there any clinical guidelines that you
8 utilize in your practice?

9 A. Also similar to the previous folks that were up
10 here, I utilize the World Professional Association of
11 Transgender Health Standards of Care Version 8 and the
12 endocrine guidelines.

13 Q. And you mentioned that you spend your time
14 doing both clinical care and research. What are the
15 areas of study that you research?

16 A. My research is about the impact of medical
17 interventions on physiologic and mental health of youth
18 with gender dysphoria.

19 Q. And have you published any of this research in
20 scholarly articles?

21 A. I have.

22 Q. And have these been in peer-reviewed journals?

23 A. Yes, they have.

24 Q. About how many peer-reviewed articles have you
25 published pertaining to the treatment of gender

1 dysphoria?

2 A. Over 20.

3 Q. Have you ever served as a principal
4 investigator?

5 A. I have and I do currently.

6 Q. And in what study do you serve as a principal
7 investigator?

8 A. So my current study that I am the principal
9 investigator on is a foresight study that is funded by
10 the National Institutes of Health. It has been going on
11 since 2015. And we received an extension of that grant
12 in 2020 to continue it for another five years.

13 Q. About how many manuscripts have you published
14 as a result of this longitudinal study?

15 A. I'm not sure of the exact number. I think
16 around 25, something like that.

17 Q. On the screen is what has been admitted as
18 Plaintiffs' Exhibit 11. Do you recognize this document?

19 A. I do.

20 Q. What is it?

21 A. That's my CV.

22 Q. Does that CV accurately reflect your
23 professional background and experience?

24 A. Yes, it does.

25 MR. GONZALEZ-PAGAN: Your Honor, at this

1 time I would ask that Dr. Olson-Kennedy as a
2 pediatrician, adolescent medicine doctor, and clinical
3 researcher be qualified as an expert on the study,
4 research, and treatment of gender dysphoria.

5 THE COURT: Any objection?

6 MR. ELDRED: No, Your Honor.

7 THE COURT: Thank you. So designated.

8 Q. (BY MR. GONZALEZ-PAGAN) Doctor, I would like
9 to back up a little bit and ask about some of the
10 history pertaining to gender-affirming medical care.
11 How long has the use of hormones to treat gender
12 dysphoria been around?

13 A. So we synthesized hormones in the late 1920s
14 and early 1930s. And around that same time they were
15 starting to be utilized for changing bodies in people
16 with what we now call gender dysphoria. It was not
17 called gender dysphoria back then. But trans people
18 were utilizing synthetic hormones during that time
19 period shortly after they were synthesized.

20 Q. And how long has the use of surgery to treat
21 gender dysphoria been around?

22 A. I think the first surgery that at least is
23 documented was in about 1940. I'm not exactly sure the
24 exact date.

25 Q. But it's been around for decades?

1 A. It has been around for decades.

2 Q. And how long has the use of puberty-delaying
3 medications to treat gender dysphoria been around?

4 A. So the use of GnRH analogues specifically for
5 blocking puberty in youth with gender dysphoria began in
6 the Netherlands in the 1990s.

7 Q. And how long have puberty-delaying medications
8 been around to treat any condition?

9 A. We're getting close to about 50 years now for
10 using central puberty blockers for other indications
11 that we heard of like central precocious puberty,
12 endometriosis, prostate cancer, other medical
13 indications.

14 Q. When it comes to minors, are there any
15 surgeries that are more commonly provided?

16 A. I think that the most common surgery that would
17 be provided for youth with gender dysphoria who are
18 minors would be chest surgery, chest masculinization
19 surgery, or top surgery as it's colloquially referred
20 to.

21 Q. And is surgery common in adolescents with
22 gender dysphoria?

23 A. No.

24 Q. Just for the edification of those of us here,
25 can you tell us a little bit about how people begin to

1 understand their gender identity?

2 A. So this is a highly individualized process for
3 people whose gender identity is not aligned with their
4 assigned sex at birth. So there are some people that
5 are able to understand, organize, and verbalize about
6 their gender identity being different in early
7 childhood, but a lot of people might not have language
8 for it. They might not feel safe talking about it or a
9 variety of other things.

10 I really look to -- I think one of the
11 largest surveys that has asked these questions of the
12 trans population was the U.S. Transgender Health Survey,
13 and it came out in 2015. They asked this question.
14 There were about 27,000 respondents. And they asked
15 this question: When did you first know that your gender
16 was different from what was on your birth certificate?
17 And about 60 percent of the respondents said age 11 or
18 younger, and the vast majority were at age 21 or
19 younger. I think there was about 6 percent who really
20 did not have those feelings until after age 21, but
21 60 percent at age 11 or younger.

22 Q. When someone presents to you for a
23 puberty-delaying medication, for example, does that
24 demonstrate that their gender dysphoria is likely to
25 persist?

1 A. Yes. If they have started their puberty
2 process, it is highly likely that their gender dysphoria
3 is going to persist and their gender identity will be
4 something other than their assigned sex at birth.

5 Q. We talked a little bit about how long these
6 gender-affirming medical treatments have been provided.
7 Has gender-affirming medical care been studied
8 throughout these decades?

9 A. Yes, it has.

10 Q. Are you familiar with the body of research that
11 exists pertaining to the treatment of gender dysphoria?

12 A. Yes, I am.

13 Q. What are the type of studies out there
14 assessing the efficacy of treatment for gender dysphoria
15 in adolescents?

16 A. So all kinds of studies ranging from case
17 reports to cross-sectional studies, observational
18 longitudinal studies, prospective longitudinal studies.
19 All kinds of study designs have looked at the impact of
20 treatment.

21 Q. In your answer, you did not mention randomized
22 clinic -- randomized controlled trials. Can you tell us
23 why?

24 A. So the study design for a randomized controlled
25 trial requires that participants be randomly chosen to

1 either be in a treatment arm or an untreated arm. So in
2 a study that's looking at the impact of medical care for
3 gender dysphoria, it is highly unlikely that anyone
4 would make a decision to participate in a study where
5 they might be randomized to not getting treatment. It's
6 gender dysphoria that's driving people to come for
7 treatment, so it's unlikely that someone would be open
8 to the idea of not receiving that treatment.

9 So from an ethical perspective there are
10 problems. But I also think, you know, as a scientist,
11 as a researcher, there are flawed things that can happen
12 when a study is randomized blindly, which means that
13 both the participant and the researcher don't know
14 whether or not they're getting the intervention. And so
15 clearly you're not going to be able to have blinding or
16 masking of the intervention because if someone's not
17 getting the intervention, they're going to know that
18 they're not experiencing those changes that come with
19 the intervention arm. And so you have a
20 methodologically flawed study that is not going to give
21 you the answers that you need.

22 Q. When looking at the entire body of research,
23 assessing the efficacy of medical treatments for gender
24 dysphoria in adolescents, what does this body of
25 research look at?

1 A. The body of research that exists looks at
2 mental health aspects, improvement of these mental
3 health symptoms over time, specifically around
4 depression, anxiety, quality of life, psychological
5 well-being, functioning, body esteem, body image. A
6 whole variety of different things have been looked at in
7 the existing literature.

8 Q. And what do these measures or metrics tell us
9 about the efficacy of treatment for gender dysphoria?

10 A. The body of literature demonstrates that
11 treatment improves people's mental health.

12 Q. How so?

13 A. So across all of these domains, so what we've
14 seen is from different studies across the world that
15 there is improvement in psychological functioning.
16 There's a decrease in depression symptoms. There's a
17 decrease in anxiety symptoms. Some studies have
18 demonstrated an improvement in gender dysphoria. Other
19 studies have demonstrated an improvement in body esteem,
20 a large variety that include all of those things I
21 talked about, and I'm probably missing some of them as
22 well.

23 Q. Are there any particular studies that you would
24 point to that specifically assess the efficacy of
25 puberty blockers as treatment for gender dysphoria in

1 adolescents?

2 A. Yeah, there are a lot of studies. I think that
3 for me a couple of studies stand out from the
4 Netherlands published in 2011. The Netherlands -- there
5 is a team of researchers in the Netherlands who really
6 introduced this idea of using puberty blockers for
7 gender dysphoria so that young people did not have to go
8 through the distressing experience of the wrong puberty.
9 They published on their earliest cohort of young people
10 who went on puberty blockers in 2011 and demonstrated
11 indeed that those people had better psychological
12 functioning than prior to starting.

13 There was another study that came out in
14 2015. It came out from the UK. The first author was
15 Rosalia Costa. And in this study they looked at people
16 who had the treatment arm of just mental health therapy
17 versus the treatment arm of mental health therapy and
18 puberty blockers. And what they demonstrated is that
19 over time the group that had mental health therapy and
20 puberty blockers increased -- continued to increase over
21 the course of the study in mental health domains that we
22 discussed earlier.

23 The last one that I would bring up because
24 I think it's an important study is also from the
25 Netherlands. The first author is Vandermaesen. I think

1 it was published in 2019. And that group tried to
2 create an uncontrolled treatment arm like we're talking
3 about in randomized controlled trials by -- they had to
4 use two separate cohorts, but one was individuals who
5 were just referred for care in their clinic, and the
6 other one was people who had undergone treatment
7 already. And they replicated their findings that the
8 group who had received intervention had better mental
9 health than the group who was showing up for care.

10 Q. How does the research that you just discussed
11 regarding puberty blockers compare to your clinical
12 experience?

13 A. This aligns with my clinical experience. I've
14 been doing gender care for 17 years and using blockers
15 within my practice for that amount of time. It is -- I
16 just think it's important to recognize that the number
17 of people who engage in care in and around or before the
18 time their puberty starts is extraordinarily low. It's
19 just a very small part of across the board people who
20 show up for care.

21 But people who have this opportunity to
22 only go through one puberty that is aligned with their
23 gender, it is a trajectory changer for them. They do
24 not have to overcome some of the things that no matter
25 how much intervention you have, no matter how many

1 hormones or surgery, you're not going to be able to walk
2 back some of those permanent changes of endogenous
3 puberty. So for people who have access to puberty
4 blockers, their life is just different because of that,
5 and their mental health is intact. It's the same as
6 their peers that are not trans.

7 Q. Turning to hormones, are there any particular
8 studies that you would point to that specifically assess
9 the efficacy of treatment of adolescents with hormone
10 therapy for gender dysphoria?

11 A. Also yes. I would say I look to the original
12 cohort that I talked about that the Dutch have been kind
13 of reporting on over time. In 2014 they put out a
14 manuscript that looked at that cohort that we were just
15 talking about after puberty blockers, hormones, and
16 surgery and demonstrated that that group of people had
17 eradication of their gender dysphoria, that their
18 psychological functioning was even better than it had
19 been at prior time points, and also that for some of
20 those young people, their mental health and
21 psychological functioning was actually better than the
22 Dutch population as a whole. So that was a report out
23 on their cohort.

24 There was a study that was a different
25 kind of a design that looked at -- it was an online

1 study, so it accessed trans people online and divided
2 that group into people who wanted access to
3 gender-affirming hormones and didn't have it versus
4 people who did have access to gender-affirming hormones
5 and demonstrated a higher rate of suicidality and
6 anxiety in people who were not able to access that care.

7 And then the third study, I'll just point
8 to my own team. We published an article in the
9 *New England Journal of Medicine* earlier this year, and
10 this was data that reported out after 24 months of
11 gender-affirming hormones, also demonstrating a decrease
12 in depression, anxiety, and an improvement in
13 psychological well-being, which included positive affect
14 and patient satisfaction.

15 And those are probably the three studies
16 that I think have different study designs that are
17 important.

18 Q. And how does the research that you just
19 discussed regarding hormone therapy compare to your
20 clinical experience?

21 A. I just really appreciate what my colleague
22 said, that research has a definitive dryness to it that
23 does not provide the depth and fabric of the experience
24 of people within my clinical practice. And so,
25 you know, the young people that I take care of are a

1 great -- a great source of joy for me, and they also --
2 I just had a person last week who said I just want you
3 to know something, that if you had not allowed me and
4 helped shepherd me through these interventions, I really
5 don't think I would be here today. And that's really a
6 meaningful thing and not the first time that I've heard
7 that. I've heard that hundreds of times over the last
8 17 years that I've been doing this work. So we don't
9 sometimes capture the depth and personal experiences of
10 people in a research context, but it aligns around
11 symptoms of mental health.

12 Q. I'm going to ask you a little bit about
13 surgery. Is there research evaluating the efficacy of
14 surgical treatments for gender dysphoria?

15 A. Yes.

16 Q. What does that research tell us?

17 A. That body of research demonstrates similar
18 findings to what we were just talking about. Surgical
19 interventions demonstrate very good outcomes across
20 multiple mental health domains and very low levels of
21 regret.

22 Q. Are there any particular studies looking at the
23 efficacy of chest surgery in adolescents?

24 A. Yes.

25 Q. What do these studies show?

1 A. The studies looking at chest surgery, in
2 particular for trans masculine individuals, demonstrate
3 very improved mental health, across multiple domains of
4 mental health, and very low regret rates, little to
5 none.

6 Q. And have you published research pertaining to
7 the efficacy of chest surgery in adolescents?

8 A. I have.

9 Q. Some of the State's designated experts point to
10 the limitations that some of these studies have to say
11 that they do not prove that gender-affirming medical
12 interventions are efficacious. What is your response to
13 that?

14 A. I disagree.

15 Q. Why?

16 A. I think that, you know, research is a body,
17 very much like a human body, and we look at -- the
18 congregation of all this data together over multiple
19 decades has demonstrated that interventions are
20 efficacious, desirable, and have good outcomes for
21 people. And so I just disagree with that assessment.
22 That aligns with our clinical experience as well.

23 Q. There's been some discussion throughout the day
24 about desistance. Are you familiar with the term
25 desistance?

1 A. Yes.

2 Q. Based on the literature, what does this term
3 refer to?

4 A. I've often seen desistance utilized in
5 children, in prepubertal children. The bulk of the data
6 that talks about desistance really has to do with people
7 who have not yet started puberty.

8 Q. Some of the defendants' designated experts
9 suggest that as many as 98 percent of minors with gender
10 dysphoria come to identify with their sex assigned at
11 birth and that therefore medical interventions to treat
12 gender dysphoria in adolescents are inappropriate. What
13 is your response to that?

14 A. I think probably the first thing to do is
15 separate out these cohorts because not only are the
16 diagnostic criteria different in prepubertal children
17 than they are for adolescents and adults, and that's
18 important because the criteria that define gender
19 dysphoria in prepubertal children are really related
20 most specifically to the kinds of things that people
21 like and do and want to wear and play with. But for --
22 once people move into postpubertal or peripubertal age,
23 the criteria are different, and they have to do with
24 people's bodies.

25 And so when we look at that early data,

1 which is what most people are referring to when they're
2 talking about these high rates of desistance, has to do
3 with children who may, for example, like different kinds
4 of clothes and toys and things like that. Many of those
5 participants in those studies did not meet -- go on to
6 meet criteria that we utilize when we determine
7 treatment. And so that is -- whether or not somebody
8 has gender -- also these studies were done before we had
9 the terminology gender dysphoria and the criteria were
10 different. But as they're progressing in age and
11 development, we have different sets of criteria for
12 them.

13 Q. Are you familiar with the term detransition?

14 A. I am.

15 Q. What do the -- what do you understand this term
16 to mean?

17 A. I understand detransition to mean somebody who
18 discontinues medical treatment and may or may not go
19 back to living as their assigned sex at birth.

20 Q. What are some of the reasons that may lead
21 someone to detransition?

22 A. In the research that's looked at detransition,
23 there's a variety of reasons that somebody might
24 detransition. The majority of those reasons have to do
25 with something outside of the individual's experience.

1 It doesn't have to do with their own sort of changing or
2 understanding of their identity; it has to do with
3 outside pressures.

4 So some people -- for example, in the
5 small handful of people in my practice that have
6 detransitioned, it's related to how people are
7 perceiving them, inability to access services, losing
8 health insurance. And people have moved in and out of
9 detransition and transition. And so there are a very,
10 very small number of people who detransition because
11 they come to affiliate more with their designated sex at
12 birth.

13 Q. About what percent of people who detransition
14 do so because they come to identify as their sex
15 assigned at birth?

16 A. In -- so probably the largest study that looked
17 at this was -- was Jack Turban's study. And I think
18 that the numbers of people that -- so I have to go
19 backwards on the number, so forgive me for a minute.
20 But I think it's about 2 percent of people who said it
21 was related to their sense of self.

22 Q. Does the fact that some people -- around
23 2 percent of the people who detransitioned; is that
24 right?

25 A. 2 percent of all people who transitioned.

1 Q. So does the fact that there may be up to
2 2 percent of people that may detransition mean that
3 gender-affirming medical care is ineffective or
4 experimental?

5 A. No.

6 Q. And does the fact that someone detransitioned
7 mean that they were not receiving gender-affirming
8 medical care?

9 A. No.

10 Q. What percentage of people who receive
11 gender-affirming medical treatment experience regret
12 over their medical treatment?

13 A. Very small. I think about 1 percent.

14 Q. And if someone regrets treatment, does that
15 mean that they no longer identify as transgender?

16 A. Not necessarily.

17 Q. So we're talking about a Venn diagram of
18 2 percent and 1 percent of people who will detransition
19 and regret their treatment; is that right?

20 A. That's very small.

21 Q. Shifting gears a little bit, some of the
22 State's designated experts have pointed to reports from
23 government entities in other countries, specifically in
24 England, Finland, and Sweden, as demonstrating a lack of
25 evidence of the effectiveness of gender-affirming

1 medical interventions for adolescents. Are you familiar
2 with these arguments?

3 A. I am.

4 Q. Do any of the reports from any of these
5 countries recommend banning the treatment or its
6 coverage for adolescents?

7 A. They do not.

8 Q. And to your knowledge, are any of these reports
9 peer-reviewed?

10 A. Not to my knowledge, no.

11 Q. We've talked about the efficacy -- the research
12 regarding the efficacy of hormone treatments and
13 surgical treatments for gender dysphoria. Is there any
14 research demonstrating that the use of psychotherapy
15 alone is sufficient to treat a person's gender dysphoria
16 if medical interventions are indicated?

17 A. No.

18 Q. What is the effect of delaying treatment for
19 gender dysphoria when it is medically indicated?

20 A. So I can tell you from my perspective, because
21 I certainly have families that come in to talk about and
22 understand and learn more about interventions. And what
23 I have seen unfortunately more than one time is that
24 when somebody needs intervention but they don't have
25 access to it, their mental health deteriorates and not

1 insignificantly. So many times somebody will re- -- a
2 family will reengage in services after someone has been
3 hospitalized for, you know, a suicide attempt or just
4 significantly deteriorating mental health. And it is --
5 it's always -- it's always sad to me that people have to
6 engage in services through a distress perspective, but
7 that does happen occasionally.

8 Q. Doctor, as a clinician operating in this space
9 for over 17 years and a researcher, do you consider the
10 use of puberty-delaying medications to treat gender
11 dysphoria in adolescents to be experimental?

12 A. No.

13 Q. Is it safe?

14 A. Yes.

15 Q. Is it effective?

16 A. Yes.

17 Q. As a clinician and researcher, do you consider
18 the use of hormone therapy to treat gender dysphoria in
19 adolescents to be experimental?

20 A. No.

21 Q. Is it safe?

22 A. Yes.

23 Q. Is it effective?

24 A. Yes.

25 Q. As a clinician and researcher, do you consider

1 surgical treatment for gender dysphoria to be
2 experimental?

3 A. No.

4 Q. Is it safe?

5 A. Yes.

6 Q. Is it effective?

7 A. Yes.

8 Q. You know, we've talked a lot today about
9 research and statistics that surround the treatment for
10 gender dysphoria, particularly in your testimony. As a
11 healthcare provider, can you tell us a bit about why
12 this care is so important for the patients that you
13 treat?

14 A. When I reflect back to when I started this work
15 17 years ago, I think as a -- you know, the care had
16 been provided at my institution since the early '90s. I
17 remember that we used to really celebrate when our
18 patients graduated high school. Now I feel like because
19 of access to services being more available, people are
20 finishing college. They're going to graduate school.
21 They're becoming doctors. They're becoming lawyers.
22 They're becoming filmmakers. People are really thriving
23 in their life, and they're able to sort of -- I just --
24 I reflect on families that say I'm so glad that my kid
25 just has normal teenage problems or normal young adult

1 problems. It is really profound. It is why I have
2 continued my career in this work, because people who
3 could not imagine a future are thriving, and they really
4 just -- they just have sunshine in their lives, and
5 that's really important, and people deserve that.

6 Q. Thank you, Dr. Olson-Kennedy.

7 MR. GONZALEZ-PAGAN: No more questions at
8 this time, Your Honor.

9 THE COURT: All right. Thank you. Is
10 there a cross-examination for this witness?

11 MR. ELDRED: Yes, Your Honor, but I do see
12 the time.

13 THE COURT: Yes. Okay. I just wanted to
14 double-check that. All right. It's 12:00 o'clock.
15 We'll be on our lunch break until 1:30 at which time
16 we'll resume with questions for you, Dr. Kennedy.
17 All right. We're in recess until 1:30.

18 MR. ELDRED: Your Honor, can we get a time
19 before we recess?

20 THE COURT: Yes. Give me one second.
21 Everyone else is excused but the attorneys.

22 *(Lunch recess taken)*

23 THE COURT: And Dr. Olson-Kennedy, you can
24 come back up to the stand. Thank you. All right.
25 We'll resume then with cross-examination.

1 MR. ELDRED: Thank you, Judge.

2 **CROSS-EXAMINATION**

3 BY MR. ELDRED:

4 Q. Good afternoon, Dr. Olson-Kennedy. My name is
5 Charlie Eldred. I'm with the Texas Attorney General's
6 Office. How are you?

7 A. I'm good. Thank you.

8 Q. I first want to ask about a study I think you
9 wrote called "Chest Reconstruction and Chest Dysphoria
10 in Transmasculine Minors and Young Adults: Comparisons
11 of Nonsurgical and Postsurgical Cohorts." Did you write
12 that study?

13 A. I did.

14 Q. And I'm assuming that study was about
15 mastectomy surgery or something called top surgery or
16 chest reconstruction; is that correct?

17 A. That's correct.

18 Q. And did it study minors getting this surgery as
19 young as 13 years old?

20 A. The youngest was 13.

21 Q. Did you conclude it was safe and effective for
22 a 13-year-old to get the surgery?

23 A. That's not what the study was really about.
24 The study was really about the impact of surgery on
25 chest dysphoria, but chest surgery is safe, yes.

1 Q. For 13-year-olds?

2 A. Yes.

3 Q. Okay. Next topic. Did I hear you say you've
4 treated approximately 2,000 patients?

5 MR. GONZALEZ-PAGAN: Objection.

6 A. Around 1100.

7 Q. (BY MR. ELDRED) I apologize. Thank you. What
8 percentage of your patients have you treated for five
9 years or more?

10 A. I don't know the exact number offhand because
11 people graduate out of my care when they're 25.
12 Probably about 50 percent, maybe 60 percent.

13 Q. Okay.

14 A. That's an estimate, though.

15 Q. And so you don't treat people who are over 25;
16 is that -- is that correct?

17 A. That's correct.

18 Q. New topic. Do you agree with me that gender
19 identity can change spontaneously?

20 A. I don't know what you mean by that.

21 Q. Well, I think you said 6 percent of people --
22 and correct me if I'm wrong -- 6 percent of people over
23 21 -- I'm sorry -- 6 percent of people who have a -- who
24 have gender dysphoria or have a feeling that their
25 gender identity is different than their biological sex,

1 I think you said 6 percent come to that feeling over the
2 age of 21. Is that true?

3 MR. GONZALEZ-PAGAN: Objection, misstates
4 testimony.

5 MR. ELDRED: Well, I'm asking if it's
6 true.

7 THE COURT: Hold on. I'll overrule the
8 objection if you can answer.

9 A. In that study, 6 percent of the respondents
10 said that they realized their gender was different from
11 their sex assigned at birth after the age of 21.

12 Q. (BY MR. ELDRED) Okay. So before the age of
13 21, they did not have that realization?

14 A. I don't know the specifics beyond that number.

15 Q. Okay. So are you denying that gender identity
16 can change in people?

17 A. In trans and non-binary people, their gender
18 unfolds. Their process of their identification of their
19 gender is different than people whose gender identity
20 matches their assigned sex at birth.

21 Q. So is that a yes?

22 A. Can you repeat the question again?

23 Q. I think I asked -- I'll try it again.

24 THE COURT: I can -- I can repeat it.

25 MR. ELDRED: Thank you, Judge.

1 THE COURT: So are you denying that gender
2 identity can change in people?

3 A. I don't think that it changes. It unfolds for
4 people.

5 Q. (BY MR. ELDRED) And you see unfolding as
6 different from changing?

7 A. Yes.

8 Q. Can the unfolding process occur well into
9 adulthood?

10 A. Yes.

11 Q. Okay. I've got two more topics. The next one
12 is: Isn't it true there's no physical tests that you
13 can run on somebody to see if they have gender
14 dysphoria?

15 A. To date that is correct.

16 Q. And is it also true that gender identity does
17 not have a physical manifestation that you can test?

18 A. As science stands right now, no.

19 Q. As opposed to, say, diabetes. If I have
20 diabetes, you can figure that out with physical tests;
21 is that true?

22 A. That's correct.

23 Q. It doesn't matter whether I think I have
24 diabetes or not. Whether I have diabetes or not is
25 going to be determined by a physical test; is that true?

1 A. That's correct.

2 Q. But gender dysphoria and gender identity is the
3 opposite of that; isn't that true?

4 A. Gender dysphoria is defined by a set of
5 criteria that one can go through and answer and then
6 make that determination. A professional can make that
7 determination for somebody. The experience of having an
8 incongruent gender identity from your sex assigned at
9 birth, right now there is not a physical test to prove
10 or disprove that experience.

11 Q. And I think that leads to my last topic. I've
12 heard -- I think -- I can't remember if you said it, but
13 do you agree gender dysphoria is diagnosed by certical
14 med- -- certified medical professionals? Let me try
15 that again.

16 Gender dysphoria is diagnosed by certified
17 mental professionals. Did I say that right?

18 A. Gender dysphoria is diagnosed by licensed
19 mental or medical professionals.

20 Q. And are you one of those?

21 A. I am.

22 Q. And we've heard testimony that gender dysphoria
23 is a condition of distress. We've heard details about
24 the kind of distress. But it has to last for six
25 months; isn't that true?

1 A. It has to have been ongoing for at least six
2 months before a formal diagnosis can be made.

3 Q. So if I -- if one of your patients is only --
4 if they report to you they've had distress for four
5 months, can you diagnose them as having gender dysphoria
6 and start treating them?

7 A. Well, they don't -- they would not meet
8 criteria for a diagnosis of gender dysphoria if they've
9 only been experiencing those symptoms for four months.

10 Q. Would you start treating them anyway or would
11 you wait two months?

12 A. It's very hard to say given their specifics and
13 their life history. I think that there's -- there are
14 so many questions that I would have for someone in that
15 situation, but I have had situations like that and I
16 have not started treatment.

17 Q. But you have started treatment before six
18 months of a reported dysphoria?

19 A. No, it's extraordinarily rare. By the time
20 that someone gets to a medical facility, we're very much
21 the last stop for people. They've been experiencing
22 symptoms for a year and oftentimes much longer than
23 that. So I can't recall for sure if I've ever had one
24 person with that, but I don't think so, because I don't
25 provide that diagnosis if somebody has been experiencing

1 those kinds of symptoms and experiences less than six
2 months.

3 Q. But you don't personally believe that drug
4 treatment should wait for six months after a report of
5 gender dysphoria; isn't that true?

6 A. I'm not sure what you mean. It's -- when
7 people come to my door, that's a very different --
8 people have been experiencing gender dysphoria for
9 usually much longer than six months.

10 Q. Have you ever said that people should not be
11 required to prove their gender to a therapist before
12 embarking on a phenotypic gender transition?

13 A. No person can prove their gender to anyone.

14 Q. My -- will you answer my question, though,
15 please?

16 A. I don't remember.

17 Q. Would it refresh your recollection if I showed
18 it to you on your Facebook page?

19 A. Absolutely.

20 MR. GONZALEZ-PAGAN: Objection,
21 Your Honor. I think it should be shown to counsel.

22 MR. ELDRED: I'm sorry, Judge. I should
23 have --

24 THE COURT: Yeah, you can show it to him
25 then.

1 MR. ELDRED: I should have asked for
2 permission as well.

3 THE COURT: Yes.

4 MR. ELDRED: Where would you like me to
5 go?

6 THE COURT: Well, I would show it to him
7 first.

8 MR. ELDRED: Okay.

9 MR. GONZALEZ-PAGAN: Your Honor, I see a
10 cut-out here from an image. It's unclear to me if it's
11 from Facebook or any other website. It's not -- I
12 cannot even see where the provenance of that is.

13 THE COURT: I'll let you show it to her
14 and let's just go from there.

15 MR. ELDRED: Yes, Your Honor.

16 A. Yes, this looks like something I wrote.

17 MR. ELDRED: Okay. Do you mind if I just
18 ask her right here?

19 THE COURT: Sure. That's fine.

20 MR. ELDRED: Just so we can read it
21 together.

22 Q. (BY MR. ELDRED) So you wrote: People should
23 not be required to prove their gender -- I'm sorry.

24 People should not be required to prove
25 their gender to a therapist before embarking on a

1 phenotypic gender transition.

2 A. That's right.

3 Q. Do you agree with that or --

4 A. Yes.

5 Q. Okay. So is it true to say you don't actually
6 believe people need six months of non -- of therapy --
7 let me try that again.

8 You don't believe people should have six
9 months of reported gender dysphoria before you'd start
10 treating them with drugs?

11 A. I don't think people should have to prove their
12 gender because no one can do that.

13 Q. So that's a yes; right?

14 MR. GONZALEZ-PAGAN: Objection,
15 Your Honor, asked and answered.

16 THE COURT: Sustained. Next question.

17 MR. ELDRED: Okay. I'll pass the witness.

18 THE COURT: Thank you, sir. Any redirect?

19 MR. GONZALEZ-PAGAN: Very briefly,
20 Your Honor.

21 THE COURT: Okay.

22 **REDIRECT EXAMINATION**

23 BY MR. GONZALEZ-PAGAN:

24 Q. Doctor, you were just asked some questions
25 about a comment you had posted pertaining to having

1 somebody not needing to prove their gender. That is
2 different from making a diagnosis of gender dysphoria;
3 is that correct?

4 A. That's correct.

5 Q. Okay. You were not saying that somebody
6 needed -- need not meet the criteria for gender
7 dysphoria in order to access medical treatment?

8 A. Can you ask -- there are so many negatives in
9 these questions.

10 Q. In that statement -- in that statement, you did
11 not say that somebody did not need to meet the criteria
12 for a gender dysphoria diagnosis in order to access
13 medical treatment?

14 A. That's correct.

15 Q. Thank you.

16 MR. GONZALEZ-PAGAN: No more questions,
17 Your Honor.

18 THE COURT: Thank you, sir.

19 Thank you, Dr. Olsen-Kennedy. You are
20 excused from the witness stand.

21 Counsel for plaintiff, who would you like
22 to call next?

23 MS. WOOTEN: Thank you, Your Honor.

24 Counsel for plaintiffs announces Lazaro Loe will be our
25 next witness.

1 THE COURT: All right. Thank you. We'll
2 go and retrieve him.

3 MS. LESKIN: And again, Your Honor,
4 Mr. Loe is a plaintiff proceeding under a pseudonym
5 pursuant to the protective order.

6 THE COURT: All right. Thank you.
7 Hello, Mr. Loe. If you'll step here, I'll
8 swear you in, and then you can take the witness stand.
9 If you'll raise your right hand for me.

10 *(Witness sworn)*

11 THE COURT: All right. You can make your
12 way around up to this chair here. There should be some
13 water there for you as well.

14 All right. Go ahead.

15 **LAZARO LOE,**
16 having been first duly sworn, testified as follows:

17 **DIRECT EXAMINATION**

18 BY MS. LESKIN:

19 Q. Good afternoon. Can you tell us your name,
20 please?

21 A. Hi. Can you hear me okay?

22 Q. Yes.

23 A. My name is Lazaro Loe.

24 Q. And Mr. Loe, do you live in Texas?

25 A. I do. I live in Bexar County.

1 Q. Are you a member of PFLAG?

2 A. I am.

3 Q. Tell us a little bit about your family.

4 A. Well, I have a daughter named Luna. She's
5 12 years old. She's transgender. Around age five, five
6 or -- well, about five, she told us that she was a girl.
7 And, you know, at first it was pretty difficult for me
8 to accept that. But, you know, there was a lot of
9 indication that -- as we researched it more, that it
10 wasn't just a phase, and so we started to affirm her and
11 her identity as a girl through clothing and hairstyles
12 and things like this.

13 Q. So let's back up just a little bit.

14 A. Uh-huh.

15 Q. What sex was Luna assigned at birth?

16 A. She was born a boy.

17 Q. And you said that at age five she told you she
18 felt like a girl.

19 A. Yes.

20 Q. How did she express that to you?

21 A. I think initially she told my wife first, but
22 she was always -- I mean, I had tried to get her into
23 soccer and things that I'm into and more boys things
24 like building things or whatever, and she never really
25 was interested in those things. I mean, she liked

1 Frozen and girls things and pink and those kinds of
2 things. Her proclivities were towards more feminine
3 things, I suppose.

4 Q. And just because she liked pink and Frozen, did
5 that mean that she couldn't also be a boy?

6 A. No, but, I mean, it was deeper than that
7 because, I mean, I think that seeing her -- there was,
8 like, an awkward period I think from the time that,
9 you know, she could first speak until she was probably
10 in first grade that she -- she just -- like a lot of
11 strange things that were happening in school with regard
12 to, like, her feeling uncomfortable in certain types of
13 clothing and just kind of -- it was hard to describe,
14 but it was -- she was pretty emphatic about that
15 expression of, you know, that she was a girl. I mean,
16 when she opened up to me about it, you know, I was kind
17 of initially hoping that it might just be a phase, but,
18 I mean, she was very -- she never wavered in that -- in
19 that aspect of herself.

20 Q. You've mentioned that at first you resisted
21 when Luna told you she was a girl. What do you mean by
22 that, that you resisted?

23 A. I don't think I wanted to fully accept that it
24 was -- that it was true. I mean, I was kind of hoping
25 that it was something that she would grow out of and

1 that -- I mean, I think that it was okay for her to like
2 Frozen and all these other things. We allowed those
3 things. We didn't not allow them. But, you know, it
4 took -- it took me a while to realize that -- to really
5 see her as she truly is.

6 Q. And how did that change affect Luna, your
7 change in accepting her?

8 A. I think that change was -- was tremendous
9 because, I mean, I think that once I -- I mean, I think
10 a lot of it had to do with the fear as a parent when you
11 realize that, you know, the life of a transgender
12 person, especially a kid, would be -- the road would be
13 pretty difficult. So I was hoping that it wasn't true
14 because of that, because of the challenges that she
15 would face in life. But as we started to allow her to
16 be -- to express herself more as -- the way that she
17 wanted in terms of clothing and hairstyles and
18 alternative nicknames and things like that, she just was
19 so much more joyful. I mean, it was like she was half a
20 person before, but as we started to accept her more, she
21 just changed. She did better in school and she was just
22 happier.

23 Q. At some point did you choose to seek care,
24 medical care for Luna?

25 A. We did. So her mother and I, we -- we sought

1 out a child psychologist, and we had several
2 appointments with her around age six.

3 Q. Why so early?

4 A. Well, because, you know, as we -- we -- like I
5 said, we had a few kind of difficult years where we were
6 trying to -- struggled to figure out what exactly was
7 going on. And as -- as we started to kind of put the
8 pieces together, I think we wanted some kind of third
9 party opinion on what we were doing to make sure we were
10 doing the right thing.

11 Q. And what did -- did the professional make any
12 diagnosis of Luna?

13 A. She did. I think that within the first few
14 sessions that we had with her -- I mean, I know -- I
15 remember distinctly after the very first one that after
16 we had our sort of meet and greet with the doctor, that
17 you know, we left the room and she spent, you know, the
18 session with Luna and, you know, immediately afterwards
19 the doctor said, well, you know, your daughter is a
20 girl. I mean, she had expressed it very completely in
21 the session and has always expressed it that way to us.
22 But, I mean, I think the official, you know, diagnosis
23 was gender dysphoria.

24 Q. So what was the next step in caring for Luna
25 and supporting Luna at that point?

1 A. I mean, I think that -- you know, that those
2 initial consultations with the child psychologist were
3 very reassuring to us because we felt like we were kind
4 of on the right path as parents, and we could see the
5 very obvious results with regard to her academic
6 performance and her just -- her joyfulness and happiness
7 because, you know, the sort of years prior had been
8 a lot more difficult. So all that we did really was,
9 you know, let her grow her hair long, and I remember
10 going to Target and I kind of had donated all of her
11 boys clothes and uniforms and things like that and
12 purchased, you know, like 300 bucks' worth of clothing
13 at Target for her and, you know --

14 Q. How did she react to that?

15 A. She was super happy, you know. It was a very
16 joyful experience.

17 Q. At some point in time, did you come to
18 investigate medical treatment for Luna?

19 A. I mean, I think it's been an ongoing thing for
20 us. I mean, I like to read a lot, so, you know, I think
21 even prior to meeting with the child psychologist I
22 started reading books and reading about this issue and
23 what the proper course of care would be. So we started
24 having discussions early on about, you know, medical
25 interventions, which didn't happen until much later. I

1 mean, you know -- but yes, I mean, we did -- we did talk
2 about that with her.

3 Q. When you say you talked about it with her, with
4 Luna?

5 A. With Luna, yes.

6 Q. And did you involve any medical doctors in
7 those conversations?

8 A. We did. Yeah, we did. Around age ten we
9 sought out treatment at a clinic and got a referral to a
10 pediatric endocrinologist where she had several
11 appointments prior to any medications being
12 administered. So after meeting and consulting with,
13 you know, this team of doctors, we decided -- and with
14 Luna, of course, that she would start puberty blockers
15 at age 11?

16 Q. At age 11.

17 A. Uh-huh.

18 Q. So how long was it then from the first time
19 Luna told you she identified as a girl until you started
20 her on puberty blockers?

21 A. I mean, the first time that she expressed that
22 to us, she was -- I mean, I would say she was probably
23 around age five, so it was, you know, about six years.

24 Q. What was the purpose of starting Luna on
25 puberty blockers, is your understanding of starting her

1 on puberty blockers?

2 A. I mean, I think it was -- it was very -- very
3 obvious, and, you know, Luna has obviously expressed,
4 you know, a desire to have a more feminine appearance
5 and body and was -- had a lot of anxiety around,
6 you know, going through puberty as her biological sex.

7 Q. When you say she had anxiety, what did she tell
8 you?

9 A. I mean, I think it's just -- you know, it's --
10 she would just say that -- I mean, I can't remember
11 exactly, you know, the things that she would have said,
12 but, you know, it's just -- I think it was more of a
13 positive expression of a desire to have -- you know, to
14 affirm her, like her physical appearance and how she
15 feels on the inside, like who she is.

16 Q. Have you ever discussed with Luna whether to
17 stop puberty blockers?

18 A. We have. I mean, I think every time that,
19 you know, we have a doctor's appointment we make it
20 clear that, you know, if she ever felt any anxiety -- or
21 any discomfort with continuing the care, that, you know,
22 it wasn't anything that she was -- she's a willing --
23 she's the one who really is wanting this treatment for
24 herself, you know, and as parents also, you know,
25 because we realize that we want the best possible

1 outcomes for her, you know, as an adult, and, you know,
2 we think that this is obviously a lifesaving kind of
3 care for her, that this is the right treatment for --
4 you know, for who she is.

5 Q. How long has Luna been on puberty blockers at
6 this point?

7 A. I would say a little -- not quite a year and a
8 half, about a -- you know, a little bit over a year.

9 Q. Have you had any discussions with Luna and her
10 doctors about if there's any other medical treatments
11 that would -- that may come along?

12 A. Yes, we have. We -- you know, we've talked to
13 her doctor several times about starting hormone therapy,
14 but she's not a candidate until she's 13.

15 Q. When you say hormone therapy, you mean starting
16 her on estrogen?

17 A. Yes.

18 Q. And have you started to investigate any of the
19 risks associated with taking estrogen?

20 A. We have. I mean, we've had several -- I mean,
21 Luna is always present as -- you know, as is her mother
22 and I, like in, you know, all the appointments, or at
23 least one of the -- one of us has been there, but Luna
24 is always there for every one of her appointments. And
25 we've had several discussions with the doctor about it,

1 and she's, you know, pretty thorough in explaining,
2 you know, exactly what will happen and, you know, kind
3 of what the risks are, but she -- she understands that
4 and she wants to continue with the treatment.

5 Q. What do you think would be the -- well, strike
6 that.

7 Luna has not yet started estrogen;
8 correct?

9 A. She has not.

10 Q. And she is continuing to take puberty blockers?

11 A. She is.

12 Q. What do you see as the potential impact on Luna
13 if she was not able to take puberty blockers?

14 A. I think it would be devastating because, I
15 mean, one of the conversations that we've had with the
16 doctor in light of everything that's been going on,
17 you know, here in the state is obviously the mental
18 distress that it would create and just the -- as a
19 parent, I mean, I think it's incredibly distressing to,
20 like -- to have to think about, you know, your child
21 having to suffer, you know, these kinds of -- like a
22 reversal of, like, something that clearly she wants and
23 needs. I mean, I think that it would -- she would
24 change from a really happy, joyful, kind person into --
25 you know, I think she would become withdrawn. And I

1 would be worried about her mental health actually, not
2 to mention the physical changes that she would
3 experience that she's -- that she doesn't want, so...

4 Q. Have you made any plans for what to do if SB 14
5 goes into effect?

6 A. I mean, we're already struggling with that now
7 because, I mean, the law has already had a chilling
8 effect on the medical community here that provides this
9 kind of treatment. So I think as far as our family is
10 concerned, we're still trying to come up with a plan for
11 how we would continue the treatment, which obviously
12 we're going to do somehow, but we don't really know
13 exactly what that's going to look like yet.

14 Q. How has Luna reacted to what's going on?

15 A. She's very upset about it all. I mean, I think
16 it's confusing for a 12-year-old to try to figure out
17 why, you know, so many people would hate, you know,
18 people like her. I mean, she doesn't understand. She
19 thinks they're stupid, actually.

20 Q. Thank you very much.

21 MS. LESKIN: No further questions.

22 THE COURT: All right. Thank you. Any
23 cross?

24 MR. ELDRED: No questions, Judge.

25 THE COURT: All right. Thank you.

1 Mr. Loe, you're excused from the witness stand. I would
2 head back to that door.

3 THE WITNESS: All right. Thank you.

4 THE COURT: Thank you. All right. From
5 the plaintiffs, which witness is next, just in case
6 Ms. Gould needs to grab them?

7 MS. WOOTEN: Brian Bond, Your Honor.

8 THE COURT: Okay. Mr. Bond, if you'll
9 step forward and raise your right hand.

10 *(Witness sworn)*

11 THE COURT: All right. Make your way up
12 to the witness stand.

13 **BRIAN BOND,**

14 having been first duly sworn, testified as follows:

15 **DIRECT EXAMINATION**

16 BY MS. POLLARD:

17 Q. Mr. Bond, would you please state your full name
18 for the record?

19 A. Brian Bond. My pronouns are he/him/his.

20 Q. And how are you employed?

21 A. I am the executive director now transitioning
22 title-wise to CEO for PFLAG National.

23 Q. And is PFLAG a party in this case?

24 A. Yes, it is.

25 Q. Is PFLAG bringing this lawsuit on behalf of its

1 members?

2 A. Yes, it is.

3 Q. And you mentioned that you're in the midst of
4 transitioning titles. How long did you hold the role of
5 executive director of PFLAG?

6 A. Four years. I started February of 2019.

7 Q. And are your responsibilities now under your
8 new title as CEO essentially the same as they were as
9 executive director?

10 A. Exactly the same.

11 Q. All right. And what are those
12 responsibilities?

13 A. I have the fiduciary responsibility for the
14 organization. I manage the team of the organization.
15 And I set the strategy for the organization.

16 Q. Mr. Bond, what is PFLAG?

17 A. PFLAG is the first and largest organization for
18 LGBTQ+ individuals and their families. We were started
19 in 1973 by a mom, a schoolteacher, math. And it's made
20 up of truly for me the most amazing individuals, parents
21 that want nothing more than for their kids to be safe
22 and to thrive.

23 Q. And what is PFLAG's mission?

24 A. Excuse me. I'm sorry.

25 Q. No. Go ahead.

1 A. PFLAG's mission is to create a caring, just,
2 and affirming world for LGBTQ+ individuals and those who
3 love them.

4 THE COURT: If you'll slow down just a
5 little bit, Mr. Bond.

6 THE WITNESS: I'm sorry.

7 THE COURT: That's okay.

8 THE REPORTER: Repeat that to make sure I
9 got it.

10 A. Our mission is to create a caring, just, and
11 affirming world for LGBTQ+ individuals and those who
12 love them.

13 Q. (BY MS. POLLARD) And what -- is it your job as
14 CEO to make sure that PFLAG achieves that mission?

15 A. Absolutely.

16 Q. And what kind of work does PFLAG do in order to
17 achieve the mission?

18 A. We have three basic pillars. By the way, this
19 is our 50th -- this is our 50th anniversary. Slow down,
20 I know. This is our 50th anniversary. Our pillars are
21 support, education, and advocacy.

22 Q. And how is supporting access to
23 gender-affirming medical care for minors consistent with
24 PFLAG's mission?

25 A. It's important for our mission, for our

1 parents, for our families, for them to be able to come
2 to chapter meetings to hear from other parents, to know
3 that the journey they are on -- that they're not alone,
4 that they're loved, and to affirm them.

5 Q. As the executive director and now CEO, do you
6 make decisions about whether PFLAG participates in
7 litigation?

8 A. Yes.

9 Q. And why did you decide to participate in this
10 litigation?

11 A. Because this is really important for our
12 families here in Texas.

13 Q. Does PFLAG have bylaws?

14 A. Yes, it does.

15 MS. POLLARD: Your Honor, I would like to
16 show what has been pre-admitted as Plaintiffs' Exhibit 3
17 to the witness.

18 THE COURT: Go ahead.

19 Q. (BY MS. POLLARD) All right. Mr. Bond, do you
20 recognize this document?

21 A. Yes.

22 Q. And what is it?

23 A. Those would be our bylaws.

24 Q. Does it appear to be a true and accurate copy
25 of your bylaws?

1 A. Yes, it does.

2 Q. And does this appear to be the most recent
3 version of your bylaws?

4 A. Yes, it does.

5 Q. Okay. Thank you very much. That is all of my
6 questions that document.

7 Is PFLAG a membership organization?

8 A. Yes, it is.

9 Q. How do people become members of PFLAG?

10 A. So people can join PFLAG by either joining the
11 national office -- through the national office or they
12 can join through one of the chapters, one of the 350
13 plus chapters across the country. By the way, I would
14 add you don't have to be a member of PFLAG to go to one
15 of our support meetings. It's open to everyone.

16 Q. And so if someone becomes a member through the
17 local chapter, that makes them also a member of the
18 national organization?

19 A. That is correct.

20 Q. Is the role of members contained within PFLAG's
21 bylaws?

22 A. Yes, it is.

23 Q. And as the executive director, now CEO, how do
24 you stay informed of what PFLAG members are
25 experiencing?

1 A. There's multiple platforms for that. First of
2 all, I'm very accessible. They can get to me directly,
3 and many do. We have an RDs council, regional directors
4 council, one for this area. These are volunteers who
5 are in contact constantly with our chapters. There's
6 obviously the chapter meetings. There are various
7 social media private Facebook places for people to
8 convene. I have staff directly assigned to this region.
9 All that information ends up back up with me at some
10 level.

11 Q. And how does PFLAG track its membership?

12 A. Through our database.

13 Q. And how many members does PFLAG currently have?

14 A. About 350,000 supporting members across the
15 country.

16 Q. And how many Texas chapters do you have?

17 A. We have 18 chapters here in Texas, from El Paso
18 to Beaumont and everywhere in between.

19 Q. And how many members do you have in your Texas
20 chapters?

21 A. We have over 1500 right now.

22 Q. And are families with transgender children who
23 are receiving gender-affirming medical treatment among
24 those 1500 members?

25 A. Yes, they are.

1 Q. How do you know that?

2 A. Because I hear from them. They're terrified
3 right now.

4 Q. Are you familiar with the families who are
5 plaintiffs in this lawsuit?

6 A. Yes.

7 Q. And do you know that they are -- whether they
8 are PFLAG members?

9 A. I do, from their declarations, yes.

10 Q. What kind of support does PFLAG provide to
11 Texas members with transgender children?

12 A. There's constant support going on at the local
13 level through our chapters in our support group
14 meetings, education. And then from the national office
15 there's various newsletters that we would send out
16 specifically in Texas. And then there's a large array
17 of publications that would be germane to Texas as well
18 as anywhere in the country.

19 Q. And is that support ongoing?

20 A. Yes.

21 Q. All right. Are you familiar with a law known
22 as SB 14?

23 A. Yes.

24 Q. If SB 14 is allowed to go into effect, how
25 would it impact PFLAG members in Texas with transgender

1 children?

2 A. It's already starting to impact my members, my
3 families here in the state. I'm hearing from members of
4 our organization who are trying to figure out if they
5 need to move, if they can even afford to move, what this
6 means from care -- for care for their kid. All these
7 folks are wanting to do is try to make sure that their
8 kids can thrive and be treated equally. And this is
9 very disruptive right now, terrifying in fact for my
10 members.

11 Q. Thank you, Mr. Bond.

12 MS. POLLARD: I'll pass the witness,
13 Your Honor.

14 THE COURT: All right. Thank you. Any
15 cross-examination?

16 MR. ELDRED: No, Your Honor.

17 THE COURT: Thank you. All right.
18 Mr. Bond, you're done on the witness stand.

19 Your next witness?

20 MS. WOOTEN: Your Honor, the next witness
21 is Dr. Richard Ogden Roberts, III.

22 THE COURT: Okay. Dr. Ogden Roberts, if
23 you'll step forward and raise your right hand for me.

24 *(Witness sworn)*

25 THE COURT: Take your place on the witness

1 stand.

2 **RICHARD OGDEN ROBERTS, III,**

3 having been first duly sworn, testified as follows:

4 **DIRECT EXAMINATION**

5 BY MS. POLLARD:

6 Q. Dr. Roberts, would you please state your full
7 name for the record?

8 A. I am Richard Ogden Roberts, III.

9 Q. And what is your role in this case?

10 A. I am a plaintiff in this case.

11 Q. And what is your profession?

12 A. I'm a pediatric endocrinologist.

13 Q. And are you licensed to practice in Texas?

14 A. I am, yes.

15 Q. And where are you currently employed?

16 A. I work at a large children's hospital in
17 Houston, Texas.

18 Q. And are you here today in your personal
19 capacity?

20 A. Yes.

21 Q. Can you describe for us your educational
22 background?

23 A. I received a bachelor's of science in commerce
24 from the University of Virginia in 2007. I hold a
25 master's of public health in epidemiology from Tulane in

1 2010. And then I graduated from medical school back at
2 the University of Virginia with my MD degree in 2014.

3 Q. And with respect to training, where did you
4 perform your residency?

5 A. I did a residency in categorical or general
6 pediatrics at UCLA in Los Angeles.

7 Q. And did you also complete a fellowship?

8 A. I did. My fellowship was at the University of
9 Colorado in the Barbara Davis Center in Aurora or
10 Denver, Colorado.

11 Q. And are you board certified?

12 A. I am. I am double board certified in general
13 pediatrics and pediatric endocrinology.

14 Q. Are you currently a member of any professional
15 organizations?

16 A. Yes. I'm a member of the American Academy of
17 Pediatrics, the Pediatric Endocrine Society, WPATH and
18 by extension USPATH, and GLMA.

19 Q. Dr. Roberts, what led you to pursue a career in
20 medicine?

21 A. I think like many people who go into the field,
22 I went into it out of a desire to leave a mark on the
23 world and to help people.

24 Q. And at a high level, for those of us who aren't
25 doctors, can you describe your current practice?

1 A. Sure. I, like several of the other witnesses
2 you have heard, spend time in a variety of different
3 settings. The majority of my practice is clinical, so I
4 spend time seeing patients, but I also have
5 administrative duties within my section and educational
6 duties as well.

7 Q. And what is the patient population that you
8 see?

9 A. I see obviously pediatric patients, so from
10 birth until young adulthood, with endocrine conditions
11 generally, including gender dysphoria.

12 Q. How many patients with gender dysphoria have
13 you treated?

14 A. Throughout training and my current clinical
15 practice, I estimate I've seen over 200 patients with
16 gender dysphoria.

17 Q. And in what settings do you treat patients with
18 gender dysphoria?

19 A. In clinical settings, so a doctor's office.
20 Patients come in to see me and I spend time with them.

21 Q. Are there other physicians that work as a part
22 of your practice?

23 A. Yes. I am a pediatric endocrinologist, but
24 this care encompasses several other subspecialties, so I
25 work alongside mental health professionals,

1 psychologists, and psychiatrists, Dr. O'Malley of whom
2 is also a plaintiff on this case. I have partners
3 within the field of pediatric endocrinology, Dr. David
4 Paul. There's an adolescent medicine physician who we
5 work with. And we have a social worker to help some
6 other needs.

7 Q. What portion of your practice is related to
8 providing medical treatment to youth with gender
9 dysphoria?

10 A. In terms of my clinical time, it breaks down to
11 probably 10 to 20 percent of the time I have dedicated
12 to see patients that is allotted to the treatment of
13 gender dysphoria.

14 Q. What does the remainder of your practice relate
15 to?

16 A. General pediatric endocrinology. So I see
17 patients with Type 1 diabetes, growth disorders, puberty
18 disorders, thyroid disease, cancer, amongst others.

19 Q. Do you consider providing gender-affirming
20 medical care to youth an important part of your
21 practice?

22 A. Absolutely.

23 Q. Why is that?

24 A. I didn't become a pediatric endocrinologist to
25 be a gender specialist. I discovered pediatric

1 endocrinology through my third and fourth year of
2 medical school and really enjoyed the breadth of
3 practice that it offered. And I would say over the
4 course of my training, both medical school and then as a
5 resident and fellow, experiences with gender-diverse
6 individuals, both children and adults, caused me or
7 allowed me to see the need that existed and sometimes
8 the dearth of providers that were there able to provide
9 that care, and it grew out of that.

10 Q. What types of medical treatments do you provide
11 for patients with gender dysphoria?

12 A. I'm a pediatric endocrinologist, so I provide
13 puberty-blocking hormones that you've heard about
14 already as well as hormone therapies for youth with
15 gender dysphoria.

16 Q. And if I use the term gender-affirming medical
17 care, will you understand that to refer to the
18 puberty-delaying medications and the hormone therapies
19 that you mentioned in the context of gender dysphoria?

20 A. Yes.

21 Q. Do you provide any medical treatment for gender
22 dysphoria to patients before they reach puberty?

23 A. No. As you've heard before, there's no medical
24 therapy necessary for gender diversity before the onset
25 of puberty.

1 Q. Are any of your transgender patients on
2 Medicaid?

3 A. I believe so, yes, although I don't
4 specifically track which insurance programs my patients
5 have when they see me.

6 Q. And are any of your patients on the Children's
7 Health Insurance Program or CHIP?

8 A. The same answer. I believe so, yes.

9 Q. And regarding the use of puberty-delaying
10 medications and hormone therapies, do you also provide
11 those same treatments to cisgender patients?

12 A. Yes. Those therapies are common practice or
13 common medications for a pediatric endocrinologist to
14 provide under other indications for cisgender patients.

15 Q. Is there a specific diagnosis that has to be
16 made before you begin providing gender-affirming medical
17 care to a transgender patient?

18 A. Yes. Patients must meet criteria per the DSM-V
19 of gender dysphoria.

20 Q. And how do you determine if a patient is
21 developmentally and emotionally ready to undergo
22 treatment?

23 A. Yeah. As you've heard, the practice of
24 medicine is a complex practice in which physicians get
25 to know the patients that are in front of them and the

1 families that come to them. The ability to assess
2 capacity is an ability that every physician learns
3 throughout their medical training --

4 MR. STONE: Your Honor, objection. This
5 witness is now talking about what every physician
6 learns. He's not designated as an expert. Under
7 Rule 701, he can offer a lay opinion, but it has to be
8 based on his personal perceptions. And in this case,
9 because this is a witness who's not designated as an
10 expert but is a fact witness, we object to this
11 testimony about what other physicians would do.

12 THE COURT: Well, what I'm going to do is
13 repeat the question, okay?

14 THE WITNESS: Sure.

15 THE COURT: And how do you determine if a
16 patient is developmentally and emotionally ready to
17 undergo treatment?

18 So I'm going to overrule the objection and
19 let you answer that question.

20 A. I would say that I use the skills that have
21 been developed through a rigorous medical training to
22 assess patients and their ability to understand and
23 consent to therapies proposed to them.

24 Q. (BY MS. POLLARD) And are their families
25 involved or their guardians involved in that process?

1 A. Absolutely.

2 Q. In what situations do you provide
3 gender-affirming medical care to a transgender patient
4 under 18 without the consent of their parent or
5 guardian?

6 A. I have never.

7 Q. And in what situations would you provide
8 gender-affirming medical care to a transgender patient,
9 again under 18, without the assent of that patient?

10 A. Again, I have never.

11 Q. Do you utilize any clinical guidelines in your
12 treatment of patients with gender dysphoria?

13 A. Yes. I utilize the WPATH Standards of Care
14 Version 8 and the Endocrine Society Clinical Practice
15 Guidelines.

16 Q. Does every transgender patient you see receive
17 some sort of medical treatment for gender dysphoria?

18 A. No, not necessarily.

19 Q. And can you give us an example of when it might
20 be the case that they would not receive medical
21 treatment?

22 A. Sure. This care is very individualized. And
23 there are times when patients come to me having met a
24 criteria for gender dysphoria, lasting over a period of
25 six months, who may not be ready to start hormone

1 therapies for a number of reasons. I can think of a
2 recent patient who was assigned female at birth and
3 plays hockey and wants to continue to be able to play
4 hockey and fears that if he -- his gender identity is
5 male -- starts testosterone therapy, he may no longer be
6 able to play the sport that he likes to play.

7 Q. And are you aware of a law known as SB 14?

8 A. Yes.

9 Q. Have you seen any evidence of the impact of
10 SB 14 on your patients?

11 A. Yes.

12 Q. If SB 14 is allowed to go into effect, what
13 impacts would it have on the health of your patients
14 with gender dysphoria?

15 A. I anticipate that patients with gender
16 dysphoria, if SB 14 were to go into effect in this
17 state, would increase their dysphoria and may increase
18 other mental health aspects such as their depression or
19 anxiety.

20 Q. Have any of your transgender patients attempted
21 suicide before coming to see you?

22 A. Unfortunately, yes.

23 Q. If SB 14 were to go into effect and you were to
24 continue treating your transgender patients consistent
25 with evidence-based medicine, what risks would that

1 carry?

2 A. I would lose my license.

3 Q. In your view, how does SB 14 comport with your
4 ethical obligations as a doctor?

5 A. SB 14, if it were to go into effect, would make
6 me abandon patients with whom I have established
7 relationships.

8 Q. And how does that impact you personally as a
9 physician?

10 A. Well, that's terrible. You know, I went into
11 medicine to connect with people and to help people. I
12 spent the last month telling people that I may in fact
13 not be able to see them come September 1. It would be
14 heart-wrenching to lose these patients and the
15 relationships that we've established over years.

16 Q. Thank you very much, Doctor.

17 MS. POLLARD: I'll pass the witness.

18 THE COURT: Cross-examination?

19 MR. STONE: Yes, Your Honor, just a
20 couple.

21 **CROSS-EXAMINATION**

22 BY MR. STONE:

23 Q. Doctor, do you obtain informed consent from
24 adolescent patients for whom you're treating them for
25 gender dysphoria prior to beginning cross-sex hormones?

1 A. Mr. Stone, I obtain informed assent from my
2 adolescent patients and informed consent from their
3 parent or guardian before starting cross-sex hormone
4 therapy, yes.

5 Q. Have any of your patients attempted suicide
6 after -- for whom you're treating for gender
7 dysphoria -- let me start again.

8 Have any of your adolescent patients for
9 whom you're treating them for their gender dysphoria
10 condition -- have any of them attempted suicide after
11 beginning a treatment course in puberty blockers or
12 cross-sex hormones?

13 A. Not that I'm aware of.

14 Q. Do you understand SB 14 is requiring you to
15 wean your current patient population off of puberty
16 blockers and cross-sex hormones over a period of time?

17 A. I understand that SB 14 allows a provision for
18 some patients to be weaned off of their medications.

19 Q. When you say some patients, what do you mean by
20 that?

21 A. I believe the wording of SB 14 states that if a
22 patient has had -- started therapy before -- and I can't
23 remember the exact date, but there is a date in there --
24 and had more than 12 mental health sessions prior to
25 starting hormone therapy of any kind, including puberty

1 blockers, at least six months before starting therapy,
2 that they may qualify for a wean.

3 MR. STONE: I'll pass the witness,
4 Your Honor.

5 THE COURT: Any redirect?

6 MS. POLLARD: No, Your Honor.

7 THE COURT: All right. Thank you,
8 Dr. Ogden Roberts. You are done on the witness stand.

9 The next witness for plaintiffs?

10 MS. POLLARD: Your Honor, plaintiffs would
11 like to call Dr. David Paul.

12 THE COURT: Okay. Dr. Paul, if you could
13 step forward and raise your right hand for me.

14 **DAVID L. PAUL, M.D.**

15 having been first duly sworn, testified as follows:

16 **DIRECT EXAMINATION**

17 BY MS. POLLARD:

18 Q. Dr. Paul, would you please state your name for
19 the record?

20 A. David Leo Paul.

21 Q. And Dr. Paul, are you a party to this
22 proceeding?

23 A. Yes, I am.

24 Q. What party is that?

25 A. I'm a plaintiff.

1 Q. And what is your occupation?

2 A. I'm a physician.

3 Q. And would you walk us through your educational
4 background?

5 A. So I attended Trinity University from '77 to
6 '80 for undergrad and then University of Texas Health
7 Science Center San Antonio for medical school from 1980
8 to '84.

9 Q. And where did you complete your residency?

10 A. At Wilford Hall United States Air Force Medical
11 Center in San Antonio at Lackland Air Force Base
12 from '84 to '87.

13 Q. And did you complete a clinical fellowship?

14 A. I did pediatric endocrine training for three
15 years from '90 to '93 at the University of California in
16 San Francisco.

17 Q. How long did you serve in the Air Force,
18 Dr. Paul?

19 A. Four years of reserve and then 28 years of
20 active duty.

21 Q. And when did you retire from service?

22 A. In 2012.

23 Q. And what -- at what rank did you retire?

24 A. Lieutenant colonel.

25 Q. Are you currently licensed to practice medicine

1 in Texas?

2 A. Yes, I am.

3 Q. And are you currently board certified in any
4 medical specialties?

5 A. In pediatric endocrinology.

6 Q. And are you a member of any professional
7 organizations?

8 A. GLMA, Pediatric Endocrine Society, the
9 Endocrine Society.

10 Q. And where are you currently employed?

11 A. At a large children's hospital in Texas.

12 Q. Are you here today in your personal capacity?

13 A. Yes, I am.

14 Q. Do you currently work in a clinical capacity?

15 A. Yes, I do, full time.

16 Q. And how would you describe your current
17 practice?

18 A. Busy. Much enjoyed. I spend six months a year
19 as a hospitalist endocrinologist, so I take care of
20 children that are sick in the hospital caring for all
21 sorts of endocrine conditions. And then six months a
22 year I'm working in the clinic setting.

23 Q. And as an endocrinologist, what types of
24 conditions do you treat?

25 A. So as Dr. Roberts said, it's a tremendous

1 variety, but any glandular disorder, pubertal disorders,
2 diabetes. Diabetes is a large portion of pediatric
3 endocrine care. And again, on the inpatient side, a
4 whole host of endocrine disorders, including thyroid
5 cancer.

6 Q. Do you treat patients with gender dysphoria?

7 A. I do.

8 Q. Are some of your patients with gender dysphoria
9 under the age of 18?

10 A. Yes.

11 Q. How did you first come to treat adolescents
12 with gender dysphoria?

13 A. So in 2007 I was at the military base in
14 San Antonio as a pediatric endocrinologist in the
15 Air Force, and I was referred a patient -- excuse me --
16 from the adolescent clinic in that facility who came to
17 them as a gender-identified child -- an adolescent who
18 was assigned male sex at birth. She was getting
19 estrogen on her own from a pharmacy out of Europe and on
20 tremendous doses of estrogen.

21 Adolescent medicine didn't really know
22 what to do. That was a very new human experience for
23 them to help care for. So they recognized the
24 endocrinologists were involved around the world and the
25 country, and so they referred her to me, and I took over

1 her care. I saw her, and we contracted for me to be
2 part of her healthcare, to take over her
3 gender-affirming hormone care.

4 Q. Today would you say that care -- providing
5 medical care for patients with gender dysphoria makes up
6 a relatively small portion of your practice?

7 A. Yes, it is a small portion, perhaps 5 percent.

8 Q. And given that, why is providing medical care
9 to youth with gender dysphoria important to you?

10 A. So I had already understood back then that
11 there was a considerable mental health morbidity
12 associated with gender dysphoria and with patients who
13 experience transgender identity. And then after I took
14 care of the young lady I spoke to you about for a couple
15 years, she was approaching adulthood, and then I lost
16 track of her. She stopped coming back to see me. A
17 couple years after that, her sister sent me an email --
18 found me and sent me an email stating that she had
19 committed suicide.

20 So I recognize that if these youth do not
21 receive standard of care science-based help as they
22 undergo gender transition, that it can be
23 life-threatening. It can be threatening to their entire
24 life existence, affecting every single aspect of their
25 life. And it dawned on me that I had the skills to

1 provide this care. I already had the training within
2 the endocrine exposure that I had. And these children
3 needed care. So I decided from that moment forward I
4 was going to be caring for children who were gender --
5 had gender dysphoria and who identified as transgender.

6 Q. Dr. Paul, what kinds of medical care do you
7 provide to adolescents with gender dysphoria?

8 A. So yes, adolescents, which would be children
9 who have onset of puberty or thereafter, if they have --
10 if they identify as a gender opposite to the sex that --
11 to the gender that they were given at birth, which is
12 based on their genitalia at birth, and then they go into
13 puberty and their secondary sexual development traverses
14 down the pathway that is diametrically opposite to the
15 gender that they identify as, I will pro- -- I will
16 offer and go through the counseling to help them
17 understand puberty suppression therapy using GnRH
18 agonists. Later in adolescence the concept of hormone
19 replacement therapy will come into play, which I can
20 provide under the proper circumstances.

21 Q. And if I use the term gender-affirming medical
22 care today, will you understand it to refer to the
23 puberty-delaying medications and hormone therapy
24 provided to youth with gender dysphoria?

25 A. Yes.

1 Q. Do you provide gender-affirming medical care to
2 patients who are on Medicaid?

3 A. I do know that, yes.

4 Q. And do you provide gender-affirming medical
5 care to patients who are on CHIP?

6 A. Yes.

7 Q. Can you tell us how the gender-affirming
8 medical care that you provide has affected your
9 adolescent patients?

10 A. I am almost weekly amazed at the outcomes, the
11 positive outcomes from the children and adolescents that
12 I care for who have gender dysphoria and who identify as
13 transgender. They are probably the most impressive
14 positive outcomes of all the patients I see. They are
15 the most highly motivated. They faithfully take their
16 medicines like none of the other patients that I see.

17 They actually have a tremendous change in
18 how they feel about themselves, their self-esteem, their
19 ability to interact with other peers, their academic
20 performance, their family life. Every single corner of
21 their life is dramatically changed, and I have seen this
22 and heard their stories, even before they have any
23 physical body changes, just knowing that they have the
24 care provided to them, that they don't see that care
25 going away. This was before SB 14. They know that the

1 hormone -- or that the puberty suppression is engaged
2 and their bodies are not going to continue to physically
3 change down the pathway that is opposite to how they
4 want their bodies to be. And then the hormone
5 therapies, they're circulating. They know it's going to
6 provide the secondary sexual development that goes along
7 with how they identify. They are beaming at the thought
8 of what is going to come in the future.

9 Q. Do you also provide puberty-delaying medication
10 or -- let's start with just puberty-delaying medication.
11 Do you also provide puberty-delaying medication to youth
12 who are not transgender?

13 A. I do, yes.

14 Q. And do you also provide hormone therapy to
15 youth who are not transgender?

16 A. I do, yes, and -- yes, I do.

17 Q. Can you give us an example of circumstances in
18 which you would provide puberty-delaying medication to a
19 cisgender patient?

20 A. The most common again that's been talked about
21 before is precocious puberty. That therapy has been
22 around since the mid 1980s. And I've been using puberty
23 suppression, GnRH analogues, ever since it first came on
24 the market for precocious puberty. But it's also used,
25 as was stated before, to suppress puberty to help

1 preserve fertility in cancer patients who are getting
2 gonadotoxic drugs, and then also patients who have a
3 variety of rheumatological disorders or excessive
4 bleeding disorders -- uterine bleeding disorders.

5 We actually use puberty suppression in
6 children for short stature to help -- with growth
7 hormone therapy to attempt as best as possible to help a
8 youth to reach a normal adult height. And that's a
9 pretty common practice. So there's a whole host of
10 reasons in other children that are cisgender that we use
11 puberty suppression therapy for.

12 Q. And can you give us an example of circumstances
13 in which you would provide hormone therapy to a
14 cisgender patient?

15 A. Yes. The most commonly are children that have
16 what we call hypogonadism where they're not capable of
17 making the hormone -- the sex hormone they need to
18 undergo puberty, and we will re- -- we will provide
19 hormone replacement therapy for them.

20 There's also treatments we may provide for
21 cisgender children who have secondary sexual development
22 against their gender identity. For example, we have
23 cisgender males, again, assigned male at birth, raised a
24 male, identify as a male, undergo male puberty and then
25 start having breast development. We have cisgender

1 females who will develop sometimes pathological causes
2 of virilization of the body, including facial hair,
3 deepening of the voice, and enlargement of the clitoris
4 that we will actually provide hormone therapy for
5 sometimes as part of that treatment. And then, of
6 course, many of them will get surgical therapy as well
7 to remove, for example, breast tissue in cisgender
8 males. So hormone therapies are used in cisgender
9 patients as well under different circumstances.

10 Q. Do you provide any medications to your
11 transgender patients that you don't also provide to
12 cisgender patients?

13 A. I do not.

14 Q. Is there a particular diagnosis that you
15 require before providing any gender-affirming medical
16 care to a transgender patient?

17 A. I'm sorry. The first part of that was do I
18 require a diagnosis?

19 Q. Is there a particular medical diagnosis that
20 you require before providing gender-affirming medical
21 care to a transgender patient?

22 A. Yes, that they have gender dysphoria according
23 to the DSM-V criteria.

24 Q. And do you require the consent of a parent or
25 guardian before initiating gender-affirming medical care

1 for your patients?

2 A. 100 percent of the time, yes.

3 Q. And what does the informed consent process
4 involve in your practice?

5 A. Once a diagnosis is established, the patient
6 and par- -- legal guardians will, of course, ask and be
7 allowed to ask as many questions as they need to ask to
8 have a full understanding. So I disclose all the
9 pertinent things I need to tell them about how the --
10 how I made the diagnosis, for example, what the
11 treatments are available for them under that diagnosis
12 of gender dysphoria, the potential benefits, which
13 outweigh, but still discuss the potential known and
14 possibly unknown risks, short term and long term.

15 I make sure that they have complete
16 voluntary ability to ask for this treatment. I inform
17 them of any alternative therapies that might be
18 available for them to consider. And then I leave the
19 final decision for puberty suppression or hormone
20 therapy to the legal guardian as the consenting
21 individual and then, of course, make sure that the
22 adolescent has full capacity and understands and is
23 mentally capable of assenting to that care.

24 Q. And in what situations would you provide -- or
25 do you provide gender-affirming medical care to a

1 patient under 18 without the informed consent of their
2 parent or guardian?

3 A. Never.

4 Q. In what situations do you provide
5 gender-affirming medical care to one of your patients
6 under 18 without the assent of the patient?

7 A. Never.

8 Q. And you mentioned SB 14 already. How are --
9 how would SB 14 affect your ability to practice medicine
10 if it were to go into effect?

11 A. To practice the medicine for transgender
12 patients?

13 Q. Yes.

14 A. It would halt that care completely.

15 Q. In your view, how does SB 14 comport with
16 medical standards of care for transgender youth?

17 MR. STONE: Your Honor, this is not an
18 expert witness. They're asking him for his -- to
19 provide a medical opinion to the Court that I think is
20 more properly an expert witness opinion. Like I said
21 earlier -- it's a similar objection that I had with the
22 last witness. Under 701, he can talk about his personal
23 perceptions, but he's not qualified and has not been
24 proven up or proffered as an expert in this case.

25 MS. POLLARD: May I respond, Your Honor?

1 THE COURT: If you can rephrase, I think
2 that would be fine.

3 MS. POLLARD: Great.

4 THE COURT: Okay.

5 Q. (BY MS. POLLARD) Dr. Bond, in your view, how
6 does SB 14 comport with how you view the med- -- your
7 medical obligations?

8 A. Well, I feel that both puberty suppression and
9 hormone replacement therapy for this population of
10 youth, this vulnerable population, is well established
11 in standard of care. It has been reviewed extensively
12 by --

13 MR. STONE: Objection, Your Honor. Now
14 we're going into the standard of care and his belief
15 about the standard of care. He has not been proven up
16 as an expert to talk about the standard of care. I
17 think this is beyond the scope of what he can testify to
18 as a fact witness.

19 THE COURT: Do you have a response?

20 MS. POLLARD: He's talking about his own
21 view of medicine that he practices regularly as he's
22 already seen and how it impacts his practice and his
23 view of his own professional obligations. It's very
24 specific to the doctor himself.

25 THE COURT: Right. So I'm going to

1 overrule the objection. I realize -- I don't
2 necessarily need the expert designation under 701. He's
3 a doctor. So if he -- he can testify about his
4 understanding.

5 But that's where we need to limit it, to
6 what your understanding is and how it affects your
7 patient care.

8 THE WITNESS: Yes.

9 THE COURT: Okay.

10 THE WITNESS: Yes, Your Honor.

11 A. Probably -- to be short, it's established care
12 all over the country, around the world. There's data to
13 support it. There's science to support it. There's
14 outcomes to support it. That I have seen in my personal
15 practice in particular, across the board my patients
16 have done profoundly well and have had no adverse side
17 effects.

18 This bill -- this law will strip me of
19 providing this standard of care consensus-approved
20 treatment from 20 U.S. medical organizations, remove my
21 ability to provide that care. It's the only care in my
22 practice that is being removed. It is not being
23 removed -- I have colleagues around the country who
24 provide the same care under the same training --

25 MR. STONE: Objection, Your Honor. Now

1 he's -- again, he's talking about colleagues around the
2 country and what other people are doing. This just is
3 not limited to him.

4 THE COURT: Okay. I'll sustain that.
5 Let's go ahead and ask the next question, please.

6 MS. POLLARD: Your Honor, to clarify, are
7 you sustaining the objection only with respect to the
8 last portion of the answer where he said colleagues
9 around the country?

10 THE COURT: Correct. And remember,
11 there's not a jury here, so I know what to do.

12 MS. POLLARD: Thank you, Your Honor. I
13 was hoping it might encourage others in their propensity
14 for interrupting my questions and the witness' answers.

15 THE COURT: That's all right. Go ahead to
16 the next question, please.

17 Q. (BY MS. POLLARD) Have any of your patients or
18 their families expressed concerns to you about SB 14?

19 A. Yes, many.

20 Q. What are those concerns?

21 A. That after all this time of receiving the care
22 and seeing the positive outcomes for their children,
23 they're going to lose this care, and they just don't
24 know what to do. They don't know where to go. They
25 can't get this care in the state of Texas, so I feel

1 that I am having to abandon them. And under the ethics
2 of abandonment, I have to make sure they can get care
3 elsewhere, but they actually can't get care elsewhere
4 because the whole state of Texas will be banned.

5 So they're fearful. The anxiety levels
6 are profound. And they're having to figure out how
7 they're going to change schooling and jobs and whatnot
8 in order to get this care if they can get this care.
9 Some of them are worried about the concept of having to
10 cross the border, which, of course, Texas is close to
11 Mexico, where that care can be available. It's a rather
12 dangerous undertaking, but some people are feeling
13 that's the only place they can go.

14 Q. And are you concerned about the effect on
15 transgender adolescents if SB 14 goes into effect?

16 A. I'm very concerned about the deterioration of
17 their mental and their physical health and their social
18 interactions and their achievements, yes.

19 Q. Do you think that the SB 14 weaning provision
20 will mitigate the harm of withdrawing that care?

21 A. It'll worsen it. There is no such thing as
22 weaning in the healthcare provision for this population.
23 There's no guideline. There's no studies. There's no
24 science. You can't even wean GnRH agonists to suppress
25 puberty. It's an on or off treatment. The only way

1 that the SB 14 says for me in my private practice -- in
2 my practice to wean them is if it's safe and medically
3 appropriate, and yet there's no science or publication
4 or guideline to say how to do that. The only way I
5 could do that would be to ask the parent: How's it
6 going with this weaning? Is it working out for you? Is
7 it showing positive outcomes towards your child's health
8 to wean them off therapy? This is as I think through
9 what's going to happen, and it has no rationale to it
10 whatsoever.

11 Q. What are your under- -- what is your
12 understanding --

13 A. In fact, can I say one more?

14 Q. Absolutely.

15 A. The reason that was put in there is because the
16 State recognizes there's dangers to stopping this
17 medication, and they recognize that there's a section of
18 the population on this care --

19 MR. STONE: Objection, Your Honor. This
20 witness does not have -- they have not established --

21 THE COURT: Okay. Just make the
22 objection, Mr. Stone, and I'll rule.

23 MR. STONE: Lack of personal knowledge.

24 THE COURT: All right. Thank you.

25 Objection sustained. If you can ask a different

1 question.

2 Q. (BY MS. POLLARD) As a pediatrician who's
3 practiced for 40 years, how do you feel about the
4 possibility that the law might prevent you from
5 providing gender-affirming medical care for your
6 transgender patients?

7 A. How do I personally feel?

8 Q. How do you personally feel?

9 A. Well, I personally feel about as angry as I've
10 ever felt. Sad. Bewildered. Although I fully see this
11 type of behavior towards the LGBTQ+ community around the
12 world, so it's not like I don't realize what's
13 happening, but I'm still bewildered. I don't understand
14 why these vulnerable children can't be left to be
15 themselves. Anxious. Worried. I've lost one child
16 that I took care of who was transgender. I don't want
17 any other child to even have a detriment in their life
18 story going forward, much less to lose them from this
19 planet.

20 Q. Thank you very much, Dr. Paul.

21 MS. POLLARD: I'll pass the witness.

22 THE COURT: Mr. Stone, any
23 cross-examination?

24 MR. STONE: No questions, Your Honor.

25 Thank you.

1 THE COURT: All right. Thank you.
2 Dr. Paul, you're excused from the witness stand. Thank
3 you.

4 All right. Where to next? Oh, wait. Let
5 me see. Yeah, where to next?

6 MS. POLLARD: All right. Plaintiffs call
7 Alex Sheldon.

8 THE COURT: All right. Please step
9 forward and raise your hand.

10 *(Witness sworn)*

11 THE COURT: All right. Go ahead and make
12 your way up to the witness stand.

13 **ALEX SHELDON,**
14 having been first duly sworn, testified as follows:

15 **DIRECT EXAMINATION**

16 BY MS. POLLARD:

17 A. Can you hear me okay?

18 Q. I can.

19 A. Great.

20 Q. Mx. Sheldon, would you please state your name
21 for the record?

22 A. Yes. It's Alex Sheldon, and I use they/them
23 pronouns.

24 Q. Mx. Sheldon, where are you currently employed?

25 A. I work at GLMA.

1 Q. And is GLMA a plaintiff in this case?

2 A. Yes, we are.

3 Q. And is GLMA bringing this case on behalf of its
4 members?

5 A. Yes, we are.

6 Q. What is your role at GLMA?

7 A. I am the executive director.

8 Q. And how long have you held that role?

9 A. Just about a year now.

10 Q. And what are your responsibilities as the
11 executive director at GLMA?

12 A. I set the strategy for the organization in
13 accordance with our mission. I oversee our day-to-day
14 operations. I manage our staff. I am the key liaison
15 to our board of directors. And I have general budgetary
16 and fiscal oversight.

17 Q. What is GLMA?

18 A. We are the oldest and largest association of
19 LGBTQ+ and allied health professionals in the country.

20 Q. And what is GLMA's mission?

21 A. Our mission is dual-fold. We both advocate to
22 advance LGBTQ+ health equity, and we promote equality
23 for LGBTQ+ and allied health professionals in their work
24 and educational institutions.

25 Q. As executive director, is it part of your job

1 to ensure that GLMA achieves its mission?

2 A. It sure is.

3 Q. How does GLMA work to achieve its mission?

4 A. We work through research, advocacy, and
5 education, but our main role is to bring to bear the
6 vast expertise of our multidisciplinary health
7 professional membership in each of those areas.

8 Q. As the executive director, do you make
9 decisions about whether GLMA participates in litigation?

10 A. Yes.

11 Q. And did you make that decision for this case?

12 A. I did, yes.

13 Q. And why did you decide that GLMA would
14 participate in this case?

15 A. Well, as an LGBTQ+ health equity organization,
16 it's incumbent on us and me in particular to stay
17 abreast of the political landscape that governs care,
18 the provision of healthcare for the LGBTQ+ community.
19 And when we heard that this harmful legislation was
20 moving forward in Texas, and elsewhere but in Texas, we
21 knew that, one, it would potentially restrict access to
22 care for trans young people in the state; and not only
23 that, that it would tie the hands of our health
24 professional members. They would either be forced to
25 comply with the law and therefore abandon care and

1 endanger the lives of their patients like our members
2 have attested to so far, or they would -- if they chose
3 to continue to act in accordance with their extensive
4 training and with evidence-based care and continue that
5 care for young people, they would potentially risk
6 losing their medical licenses or risk other disciplinary
7 actions. So we knew that it would drastically undermine
8 their medical expertise, their professional ethical
9 obligations as well as their occupational freedom, so we
10 felt compelled to act.

11 Q. And why does GLMA support access to
12 gender-affirming medical care for minors?

13 A. We support access to care because we know that
14 it is evidence-based lifesaving care, and we act in
15 accordance with the expertise of our medical membership.

16 Q. And I'm going to move to a different topic for
17 a moment. Does GLMA have bylaws?

18 A. We do.

19 Q. All right. I'd like to show you what has been
20 marked as Plaintiffs' Exhibit 2. As the executive
21 director, are you familiar with GLMA's bylaws?

22 A. Sorry. Just one second. Yes, I am.

23 Q. And does this appear to be -- does Exhibit 2
24 appear to be a true and correct copy of GLMA's bylaws?

25 A. Yes, it does.

1 Q. And does this appear to be the most recent
2 version of your bylaws?

3 A. Indeed it does.

4 Q. Those are all of the questions I have about
5 that document.

6 Is GLMA a membership organization?

7 A. Yes, we are.

8 Q. How do people become members of GLMA?

9 A. Through a membership form that is online --
10 excuse me -- and by paying membership dues.

11 Q. Who can be a member of GLMA?

12 A. Anyone can be a member of GLMA, but we mostly
13 have members who are health professionals, and we also
14 have a designation for members who are LGBTQ+ health
15 equity supporters.

16 Q. How many members does GLMA currently have?

17 A. Just about 1,000 members nationwide.

18 Q. And what is the role of members within GLMA's
19 organization?

20 A. As I said, our members bring to bear their vast
21 expertise in health profession -- health professions and
22 our research, advocacy, and education initiatives, but
23 their role primarily is to advance our mission through
24 their own work and to -- they can cast an advisory vote
25 to inform our strategy. And also they contribute to our

1 annual conference through submitting sessions for
2 educational purposes.

3 Q. And is the role of members addressed within
4 GLMA's bylaws?

5 A. It is, yes.

6 Q. Does GLMA have members who work in Texas?

7 A. Yes, we do.

8 Q. Do any of your Texas members currently provide
9 gender-affirming medical care for minors?

10 A. Yes, they do.

11 Q. And does that include the three physician
12 plaintiffs in this case?

13 A. Yes. Dr. Paul, Dr. Roberts, and Dr. O'Malley.

14 Q. As executive director, are there ways that you
15 keep up with what the GLMA members are experiencing?

16 A. Yeah, absolutely. Well, first, we -- I'm very
17 accessible to our members through our annual conference
18 as well as other ways in which I interact with our
19 members very, very often. And also, since some of this
20 legislation has moved forward, we have started to
21 convene gender-affirming care providers from throughout
22 the country on a biweekly basis virtually, and that also
23 includes members in Texas.

24 Q. If SB 14 is allowed to go into effect, how
25 would it impact GLMA members providing gender-affirming

1 medical care to youth in Texas?

2 A. I think it would have a devastating effect.
3 From what we've heard already from testimony today, it
4 would put -- it would truly tie the hands of our health
5 professional membership. They really would be putting
6 their medical licenses on the line in order to save the
7 lives of their patients. And as folks have attested to
8 today, they got into these provisions to help people and
9 to save lives. And if they can't do that, then they are
10 no longer fulfilling their professional obligation. And
11 many of them have said that they might be forced to
12 leave the state and practice elsewhere.

13 Q. Thank you very much.

14 A. Thank you.

15 MS. POLLARD: Pass the witness.

16 THE COURT: Thank you. Any questions?

17 MS. DYER: No questions.

18 THE COURT: All right. Thank you. You
19 may be excused from the witness stand.

20 Uh-oh. Did we break it?

21 MS. WOOTEN: Sorry, Your Honor.

22 THE COURT: That's okay.

23 MS. WOOTEN: Are you ready for the next
24 witness or would you like to take a break?

25 THE COURT: Well, let me check in with

1 Ms. Crain.

2 THE REPORTER: We can go a little bit
3 longer.

4 THE COURT: I try to make it at least till
5 3:10 or 3:15 so that our afternoon isn't too long. So
6 I'd say let's get started.

7 MS. WOOTEN: Thank you, Your Honor. The
8 next witness plaintiffs are going to call is Sarah Soe.

9 THE COURT: All right. Thank you.

10 MR. STONE: Your Honor, I believe this is
11 their last witness for today. So I just wanted to let
12 you know that we are trying to reach one of our
13 witnesses to see if we can get them here in time to be
14 able to keep going potentially this afternoon if that's
15 okay.

16 MS. WOOTEN: Yes. And Your Honor, we're
17 also trying to reach one of our witnesses to see if it's
18 at all possible to get that witness here.

19 THE COURT: Okay.

20 MS. WOOTEN: So perhaps we'll confer
21 during the break.

22 THE COURT: That should work out
23 perfectly. Thank you.

24 MS. LESKIN: And Your Honor, Ms. Soe is
25 also a plaintiff proceeding under pseudonym.

1 THE COURT: Understood. Thank you.

2 Hello. Come on up here and I'll swear you
3 in before you take the witness stand. If you'll raise
4 your right hand for me.

5 *(Witness sworn)*

6 THE COURT: You can make your way around
7 and up to this witness chair.

8 **SARAH SOE,**

9 having been first duly sworn, testified as follows:

10 **DIRECT EXAMINATION**

11 BY MS. LESKIN:

12 Q. Can you tell us your name, Ms. Soe?

13 A. Yes. Sarah Soe.

14 Q. And Ms. Soe, you live in Texas?

15 A. Yes.

16 Q. What county do you live in?

17 A. Hays County.

18 Q. Are you a member of PFLAG?

19 A. Yes, I am.

20 Q. Tell us a little bit about your family.

21 A. Well, there's me. There's my husband, Steven.

22 And we've been married 18 years. There's my older

23 daughter and a younger daughter, so Stephanie and

24 Samantha.

25 Q. And we're here today to talk a little bit about

1 Samantha. So can you tell us a little bit about her?

2 A. Yeah. She's -- she's a really bright kid.
3 She's played soccer for a number of years, loves soccer,
4 learning how to play guitar, likes to read, a pretty
5 good student, loves choir and really doing really well
6 in choir.

7 Q. How old is Samantha?

8 A. 15.

9 Q. What sex was Samantha assigned at birth?

10 A. Male.

11 Q. And what gender does Samantha identify with
12 today?

13 A. Female.

14 Q. How did you learn that Samantha identifies as
15 female?

16 A. Well, so a number of years ago, probably like
17 when Samantha was around like fifth, sixth grade, she
18 had been crying herself to sleep every night pretty --
19 pretty much not -- we didn't really know why. She just
20 wasn't really talking about it. And I usually would go
21 in to tuck her into bed, and I would just sit on the bed
22 and we'd talk, and -- and one night she said to me,
23 "Mom, I think I'm transgender." And -- yeah. So I
24 just -- you know, that's when.

25 Q. And what was your reaction when Samantha told

1 you she thought she was transgender?

2 A. I -- I said I love you. I -- I think I just --
3 just wanted her to know that I'm -- I'm there. I'm
4 always going to be her mom. And so I just said, okay,
5 well, you know, you're young, so you have lots of time
6 to think about, you know, who you're going to be and
7 things like that. So -- so I just kind of tried to
8 reassure her that, you know, I'm there for her and that
9 it's okay.

10 Q. Did you make any -- take any steps to talk to
11 any of Samantha's medical providers?

12 A. Oh. Well, so after -- after Samantha first
13 told me, then we -- Samantha, you know, told my husband,
14 and I asked Samantha before her wellness check, her
15 annual wellness check that she does on her birthday -- I
16 asked would she feel comfortable talking to our family
17 pediatrician about -- about how she's feeling about her
18 gender. And the pediatrician -- Samantha said yes, she
19 felt comfortable. So we talked to the pediatrician
20 about that. And the pediatrician did ask like,
21 you know, do you feel like you need a referral to a
22 specialist or anything at this time? And Samantha said
23 she did not feel like she needed to. And so -- and so
24 we just -- you know, we let it -- we let that sit. And
25 she -- over the next -- course of the next year, we --

1 she did say at that point, at the next year's wellness
2 check, that she did feel like she would like to speak to
3 someone else about how she was feeling.

4 Q. So I want to just talk a little bit about that
5 one-year time period then. Samantha told you she didn't
6 want to go see a specialist at that time. Did you do
7 anything as a family to support her in her gender
8 identity?

9 A. Yes. So she had told us that she wanted us to
10 use a new name, a female name, and so we started to do
11 that in our household. We told -- she wanted to tell
12 her schoolteachers and, of course, we supported what she
13 had to say. And she started using a new gender. She --
14 the female and non-binary kind of gender so that she --
15 she was kind of in a transition I think.

16 And we -- we actually -- because she had
17 been crying, you know, before, we -- we took her to a
18 therapist. She was starting to get counseling just to
19 have someone to talk to. The school -- we also talked
20 with the school counselor, and the school counselor
21 talked to our -- meanwhile we had done a bunch of
22 research -- right? -- on our own, just reading
23 everything we could to try and educate ourselves about
24 how to support our child. And that was helpful I think
25 for us, but she was seeming more and more depressed.

1 She was becoming more withdrawn. And so she quit
2 playing soccer, which had been with a boys team.

3 And so one day actually -- I'm very close
4 to her, and I felt like something didn't feel right.
5 She had been feeling sad and not really engaging very
6 much. And I had a bad feeling, you know, like when
7 you're -- you just have not a good feeling in your heart
8 about what's -- how things feel. And she went to
9 school. She was very quiet. And I was about to head
10 off to work, but I asked my husband could he give the
11 school a call, you know, just to have the school
12 counselor just check in on her because we had already
13 been in touch with the counselor a lot. So my husband
14 did. And this was like still in the morning. And as he
15 was on the phone with the school counselor, the school
16 counselor got an alert, a red flag alert on her computer
17 that said that my child Samantha's computer alerted them
18 because she had been searching how to kill yourself.

19 So -- so I didn't go to work and I went to
20 my child's school and I got her. And we -- you know,
21 after we talked with the counselor and the counselor was
22 like, okay, you -- like, do you have a -- do you have a
23 plan? And like, is it okay for us to release you? My
24 child and I went home together, and we just talked and
25 we talked. And I think at that point I kind of knew

1 things probably needed to change, that we couldn't
2 really keep going on like this. Things felt like they
3 were getting worse for her.

4 Q. As her -- as her mom, were you scared for her?

5 A. Oh, yeah. Yeah, no, I mean, I could see in my
6 child's eyes that things were not right. And yeah, I
7 was scared for her.

8 Q. What was the next step that you took? You said
9 things had to change, so what did you do?

10 A. Well, we actually -- we went back to our
11 pediatrician, and she suggested we go have our daughter
12 see a psychiatrist, so we found a psychiatrist, and our
13 daughter started going to the psychiatrist. And then at
14 the next -- and she started taking some antidepressants
15 and doing talk therapy. And then at the next wellness
16 check, which was, you know, a year later, I guess, I
17 asked my child -- and the doctor asked the child, like,
18 you know, would you like a referral, I guess following
19 up, and we said yes. Yeah. And we talked about that as
20 a family. We kind of had done our own research, so we
21 kind of knew that that was possibly what might happen,
22 but yes, we said yes, please do give us a referral.

23 Q. Before you got that referral, you mentioned
24 that Samantha had started talk therapy and I think you
25 said antidepressants.

1 A. Yes.

2 Q. Did that help?

3 A. I think it -- it might have helped a little
4 bit, I think probably, but it I guess brought home to me
5 just how serious things were.

6 Q. Did you meet with a specialist?

7 A. Yes. It took a while because there was -- I
8 think it was like three or four months before we could
9 get in. So, you know, we did meet with a specialist.
10 The specialist was really, really nice. She spent more
11 than an hour with us just getting to know our child and
12 finding about their history and things like that. And
13 she told us what some of the risks were, which we kind
14 of knew, you know, that there could be some impacts like
15 bone loss, bone density loss potentially for certain
16 things. Yeah.

17 Q. Let me just stop you one second. When you say
18 risks, risks of what?

19 A. Oh, okay. So -- yeah. So we talked about
20 options for, like, how to treat gender dysphoria, which
21 is -- which is what our child was diagnosed with.
22 And -- and one of the options that the doctor laid out
23 for us was that before we would do any kind of hormonal
24 sort of treatment, which my child was sort of asking
25 about, that really at this time we would put a pause.

1 And so she suggested puberty blockers as a temporary
2 kind of let's kind of see how things go kind of measure
3 and explained to us what a course of treatment may look
4 like, you know, given how -- our daughter's own
5 particular case. And because our child had had some
6 mental health challenges, you know, she had said we
7 really want to give you lots of time to meet with your
8 therapist and try to make sure that you are healthy.
9 And so -- so we -- we -- we did start the puberty
10 blockers fairly soon. Our child had entered puberty,
11 and so that was sort of time to sort of give her time to
12 kind of think about things and us.

13 Q. And did you see an impact on Samantha after she
14 started puberty blockers?

15 A. Yeah. I think she felt -- I think she felt
16 better. I think she was doing a little better at school
17 and doing better, like, with her friends and things.
18 Things were -- were a little bit better. She wasn't
19 crying at night anymore. But -- and her mental health
20 was sort of stabilizing, and we didn't have some of the
21 other scares that we had had.

22 Q. And you mentioned that the next step would be
23 hormone therapy. Did you have conversations -- at what
24 point did you have conversations with your doctor about
25 hormone therapy?

1 A. I think in the initial consultation when we
2 talked about gender dysphoria, she mentioned that that
3 was one of the treatments that they do eventually offer.
4 It wasn't something that we were necessarily going to do
5 right away. We knew that. But -- yeah, I'm trying to
6 think back here. I think she -- she mentioned it, but
7 it was my child really who had mentioned it a few
8 different times. And so my child had asked her doctor
9 about it and the doctor responded.

10 Q. How long was it before -- from the time that
11 Samantha first told you she identified as a girl until
12 you started her on puberty blockers?

13 A. I think it had to have been probably two years
14 I'm going to say.

15 Q. And then how -- at some point did you start her
16 on hormone therapy?

17 A. Yes, we did. We started a little more than a
18 year after starting the puberty blockers.

19 Q. Did you see any change in Samantha's mental
20 health after she started the hormone therapy?

21 A. Yeah. So --

22 Q. What did you see?

23 A. Well, it was -- it was good. So she -- she
24 started to -- she had been starting to make some new
25 friends in choir, which was the treble choir, and she

1 just kind of felt really good about being in there,
2 included. She, like, just started smiling more and
3 seeming more open and outgoing. She found some friends
4 who were accepting. And she had some teachers who were
5 also accepting that I think made her feel safe and cared
6 for. And yeah, she -- she stopped crying at night and I
7 think just seemed a lot happier.

8 Q. You mentioned the conversations with your
9 doctors about starting hormone therapy. Was the
10 decision to start Samantha on hormone therapy an easy
11 one for you?

12 A. So that's like -- so that's an easy and a hard
13 question. So it was hard because the doctor did say,
14 you know, there are some risks like -- like what I
15 mentioned, the bone density loss, or potential
16 infertility. There are some, like, potential negatives.
17 But it was also not a hard decision because I felt like
18 my child's life was in danger. And my job as a
19 parent -- as a mom, but as a parent probably -- is to
20 keep my child safe, and I would do anything to keep my
21 child safe.

22 And our child was, you know, talking about
23 threats of suicide, was cutting herself on her leg with
24 razors. If -- if she was not moving in the right
25 direction, if she was starting to move in the wrong

1 direction, I think I would be very afraid that she would
2 be at risk for suicide. So seeing how positively she
3 responded to having a body that was trying to look like
4 she felt like she was, that meant a lot to me, and I --
5 what matters most to me is keeping my child safe.

6 Q. What concerns do you have if SB 14 goes into
7 effect?

8 A. I -- well, I made a promise to my child that I
9 would keep her safe no matter what. So I will -- I will
10 do what I need to do as a mom to keep my child safe. I
11 will take my child out of state if I need to. If I have
12 to pay an exorbitant amount out of pocket for the
13 medical care that she needs, which is -- which is the
14 standard of care, I will do those things, and I will
15 find a way, because that's my job, is to keep my child
16 safe. I think if her medical care was taken from her, I
17 would be afraid that she would kill herself.

18 Q. You mentioned that you would take your child
19 out of state. Is your desire to stay in Texas?

20 A. Yes. So I own a home here with my -- with my
21 husband, and we both have jobs here in Texas. And my
22 job is the job I expect to retire with. So I have no
23 intention of leaving. I have eight chickens at home and
24 five cats and two dogs, and, you know, I have citrus
25 trees in my backyard, and I don't want to leave any of

1 them. But, you know, I'll leave my chickens behind if
2 it takes -- if it means helping my child.

3 MS. LESKIN: Pass the witness, Your Honor.

4 THE COURT: Any questions for this
5 witness?

6 MS. DYER: No questions.

7 THE COURT: All right. Thank you.

8 Thank you. Your time on the stand is
9 done, and you can head back out to that door.

10 We're going to take our afternoon break.
11 And if we can be back by 3:35, we'll resume then at that
12 time. And just in case -- I forgot to mention earlier,
13 if there's anybody new in the gallery, there's no
14 recording, broadcasting, or photography, so please keep
15 that in mind. All right. We're on break.

16 *(Recess taken)*

17 THE COURT: And who do you officially
18 call?

19 MS. WOOTEN: Your Honor, we call Mary Moe.

20 THE COURT: Okay.

21 MS. WOOTEN: And if the Court will allow,
22 we would be grateful for a time check before her
23 testimony begins.

24 THE COURT: Sure. Give me one second.
25 Two hours and 28 minutes remaining for the plaintiff.

1 And I guess on the defense there's just been about 11
2 additional minutes used, so I'll have -- I can update
3 that I think later today.

4 MS. WOOTEN: Thank you, Your Honor.

5 THE COURT: Okay. I take that back. I
6 forgot to add the last 15 minutes from the past witness.
7 Let's see. So about two hours and ten minutes.

8 MS. WOOTEN: Thank you, Your Honor.

9 MS. LESKIN: And, Your Honor, Ms. Moe is
10 also a plaintiff proceeding under pseudonym.

11 THE COURT: Correct. Thank you.

12 If you can step forward here, I'll swear
13 you in before you take the stand. If you will raise
14 your right hand for me.

15 *(Witness sworn)*

16 THE COURT: You can make your way around
17 there and up to this chair. There's water there. And
18 it's good to be about five or six inches from the mic.

19 MS. LESKIN: May I proceed, Your Honor?

20 THE COURT: Yes. Please go ahead.

21 MS. LESKIN: Thank you.

22 **MARY MOE,**

23 having been first duly sworn, testified as follows:

24 **DIRECT EXAMINATION**

25 BY MS. LESKIN:

1 Q. Can you introduce yourself to us, please?

2 A. Yes, ma'am. My name is Mary Moe.

3 Q. Ms. Moe, do you live in Texas?

4 A. I'm in transition right now. I have a house in
5 Montgomery County that I would like to return to.

6 Q. And we'll talk a little bit more about that.

7 Are you a member of PFLAG?

8 A. Yes, ma'am.

9 Q. Tell me about your family.

10 A. My husband, Matthew, and I have been married
11 for 10 years. We have two beautiful children, one
12 precious little trans girl and one cis boy.

13 Q. And we're here, as you know, to talk about your
14 daughter.

15 A. Yes.

16 Q. And her name is Maeve?

17 A. Maeve.

18 Q. Tell us a little bit about Maeve.

19 A. Oh, Maeve is bright. Since the time she was
20 born, she loved dancing. She loved twirling. She has a
21 love for learning, extremely intelligent. By the time
22 she was 18 months she was doing sight words already. So
23 prior to kindergarten we had her tested to see where she
24 was academically because she was just excelling in every
25 aspect, and at that point she was reading at a third

1 grade level.

2 Q. And how old is Maeve now?

3 A. Maeve is nine, about to be ten. She would
4 prefer that I tell people that she's ten because
5 she's --

6 Q. Almost ten.

7 A. She's reached the mark. Yes.

8 Q. And what sex was Maeve assigned at birth?

9 A. Maeve was assigned male at birth.

10 Q. And what gender does Maeve identify as today?

11 A. Maeve identifies as a girl.

12 Q. When did Maeve tell you that she identified as
13 a girl?

14 A. By the time she could talk, she showed a
15 preference for feminine things. We tried to pump the
16 brakes as much as we could. And whenever we were
17 pumping the brake, she would make statements like, "Will
18 I ever like girl things -- or "Will I ever like boy
19 things?" So it wasn't that she necessarily said I'm a
20 girl, but there were so many things that happened along
21 that journey over time that pointed us in that
22 direction.

23 Q. And did there come a time when Maeve actually
24 told you she was a girl?

25 A. She said she would -- she -- she has reached

1 that point, absolutely. But she was really young
2 whenever she started to transition, and so she would say
3 I like girly things, I'm a girl, I'm a girl -- I don't
4 know the exact words that she would use whenever she
5 first -- whenever we first discovered that she was
6 trans, because it was more like I like girly things, I
7 like hanging out with my friends, because she always
8 hung out with the girls. She would put shirts on her
9 hair to make long hair.

10 Q. Did there come a time when you thought it
11 was -- you saw it was more than just preferring girl
12 things and more that she identified as a girl?

13 A. Yes.

14 Q. And how did that come to pass?

15 A. We went through a really rough -- rough period
16 where she was starting to lose sleep at night. She was
17 begging and pleading, Will I ever like boy things? Will
18 I ever fit in with the boys? One day I'll like boy
19 things. But she kept on getting disappointed whenever
20 it didn't happen. She started avoiding eye contact with
21 people. She started biting her nails till they bled.
22 And her love of learning just plummeted. Her love of
23 learning -- she would just say I don't care. And it
24 seemed like we weren't listening to her, so why -- why
25 the hell was she going to listen to us on some of these

1 things?

2 Q. Did there come a time when you accepted that
3 she was a girl?

4 A. Yes.

5 Q. When that was?

6 A. It's been a process. It wasn't -- it wasn't
7 overnight. I mean, it started out with getting pink
8 socks, and it progressed into me and my husband debating
9 for six months on the back porch if we were going to get
10 her a pink bike because we were worried about bullies.

11 Q. When you -- did you buy Maeve that pink bike?

12 A. Yes.

13 Q. How did she react when you got that pink bike
14 for her?

15 A. She lit up. She lit up. She just sparkled.

16 Q. How else did you continue to support her as she
17 was working this through?

18 A. Whenever she started biting her nails and
19 losing sleep and -- you know, this was going on for
20 weeks at this point. I decided to talk to her
21 pediatrician as well as I sought counseling for her.

22 Q. And what did the doctors tell you?

23 A. The doctors described a situation called gender
24 dysphoria and encouraged me to look into it a little bit
25 more.

1 Q. And how old was Maeve at that point?

2 A. She was about five.

3 Q. Did you look into gender dysphoria more?

4 A. Absolutely.

5 Q. How did you do that?

6 A. I started researching wherever I could,
7 whatever I could get my hands on essentially. And I was
8 very cautious on what sources I was getting my
9 information from because there was a lot of
10 misinformation out there. It was a very confusing
11 situation, so talking to the professionals and reaching
12 out to friends and family that have medical background
13 to add some additional guidance was incredibly helpful.

14 Q. At some point was Maeve diagnosed with gender
15 dysphoria?

16 A. Yes.

17 Q. And who made that diagnosis?

18 A. She has that diagnosis from a therapist as well
19 as from a doctor.

20 Q. Have you ever attempted to investigate medical
21 treatment for Maeve to treat her gender dysphoria?

22 A. We've looked into our options, but we're not
23 there yet.

24 Q. So Maeve has not yet received medical
25 treatment?

1 A. No.

2 Q. What have you done to support Maeve and her
3 gender dysphoria?

4 A. To support Maeve, I have let her grow her hair
5 out. I've let her wear what she's comfortable in. I
6 let her present herself how she feels. We do touch base
7 with a gender doctor because her dysphoria creeps up at
8 times. She's starting to see her body change, and it
9 makes her very uncomfortable, and we go back to those
10 sleepless nights whenever she's seeing those changes.
11 Did I answer the question?

12 Q. Yeah.

13 A. Okay.

14 Q. You said that her dysphoria creeps up. What is
15 she seeing that's causing her dysphoria to creep up?

16 A. She has recently started getting some hair
17 under her armpit, and it makes her uncomfortable the
18 more -- the longer it grows.

19 Q. Have you talked with Maeve about the potential
20 for medical treatment?

21 A. Yes.

22 Q. And tell me about those conversations with
23 Maeve.

24 A. I have explained that there are -- there's
25 medicine out there that can just pause puberty to buy us

1 some more time, because if -- if she goes through a
2 testosterone journey in puberty, she will develop facial
3 hair. She'll get that Adam's apple. She'll get chest
4 hair. And at this point those ideas are absolutely
5 terrifying to Maeve.

6 Q. How so?

7 A. She starts -- if she starts seeing her body
8 change in these ways, that's all she can see. All she
9 can see is gender. She forgets to look at her books and
10 focus on her friends and her love of learning.

11 Q. When you and people around you treat Maeve as
12 the little girl that she is, how does she react?

13 A. She flourishes. She eats it up. She soaks it
14 in.

15 Q. You mentioned that you have not yet started
16 medical care for Maeve, but you've talked to the doctors
17 about it?

18 A. Briefly. Briefly.

19 Q. And is there a reason you haven't started
20 medical treatment yet?

21 A. We're just not there. She has not reached
22 Tanner 2 at this point.

23 Q. So as of right now, how does SB 14 affect you
24 and your family?

25 A. Oh. SB 14 prevents Maeve from going to the

1 doctor whenever she needs to just to check how her
2 body's changing, to have a conversation with the doctor
3 to ease her anxiety.

4 Q. Have doctors told you that, that they wouldn't
5 treat her and her gender dysphoria --

6 A. Yes.

7 Q. -- here in Texas?

8 A. Yes.

9 Q. What has your family done to prepare in case
10 SB 14 goes into effect?

11 A. A week ago, two weeks ago, I relocated with my
12 children out of state, and my husband is still down
13 here.

14 Q. And what was the purpose of relocating out of
15 state?

16 A. So that my child can go to the doctor and talk
17 about whatever she feels the need to have a conversation
18 with her doctor about.

19 Q. Is it your desire to return to Texas?

20 A. I would like to. I grew up here. I have
21 family. We have family. We have friends, the kids,
22 their neighborhood. I sat there and held my little boy
23 last night as he was crying because we don't live in a
24 big neighborhood where he can ride his bike anymore.
25 Yeah, I would like to return to Texas, but Texas has

1 become very ugly towards me and my family.

2 Q. You said that you relocated with your children.
3 Where is your husband?

4 A. My husband is still in our home in Montgomery.

5 Q. And how has that separation impacted your
6 family?

7 A. It sucks. It absolutely sucks. We are a
8 family that sits down to dinner four times a week. My
9 husband is the Cub Scout leader of my little boy's
10 Cub Scout group. Going to Cub Scouts with mom is not
11 going to be the same. I have not been away from my
12 husband this long since we got married. He's my best
13 friend. I got married because I wanted to do this
14 together with him, and now I feel divided because I've
15 got to protect my children and put their emotional,
16 physical, and mental health first and foremost.

17 Q. You said you left Texas at least temporarily to
18 allow Maeve to be able to talk to her doctor.

19 A. Uh-huh.

20 Q. What is your concern if Maeve is not able to
21 get medical treatment, to get puberty blockers at the
22 appropriate time?

23 A. As I've said before, you know, whenever her
24 body's changing and she is not able to talk to doctors
25 about what's going on with her body, gender becomes the

1 forefront and everything else goes to the side. And I
2 just want her to be a kid. My husband and I both
3 want -- just want her to be a kid.

4 MS. LESKIN: Pass the witness, Your Honor.

5 THE COURT: Any questions for this
6 witness?

7 MS. DYER: No questions.

8 THE COURT: All right. Thank you,
9 Ms. Moe. Your time on the stand is done. And you may
10 exit back through that door. Thank you.

11 All right. So is it my understanding that
12 at this time we'll have a witness out of order?

13 MR. ELDRED: Yes.

14 THE COURT: All right. And who would that
15 be, Mr. Eldred?

16 MR. ELDRED: Dr. Colin Wright.

17 THE COURT: Okay. Dr. Wright, if you will
18 step forward, I will swear you in.

19 *(Witness sworn)*

20 THE COURT: All right. You can make your
21 way around and up to the witness stand.

22 Go ahead.

23 MR. ELDRED: Thank you, Your Honor.

24 **COLIN WRIGHT,**

25 having been first duly sworn, testified as follows:

DIRECT EXAMINATION

1
2 BY MR. ELDRED:

3 Q. Will you please state and spell your name?

4 A. My name is Colin Wright, C-o-l-i-n,
5 W-r-i-g-h-t.

6 Q. What is your profession?

7 A. I'm an evolutionary biologist, and I'm a fellow
8 at the Manhattan Institute.

9 Q. What is an evolutionary biologist?

10 A. It's somebody who studies how life evolved over
11 the planet from simple beginnings to the diversity of
12 life we have today.

13 Q. And what is your academic background?

14 A. So I'm specialized as an evolutionary
15 behavioral ecologist. I study the evolutionary
16 significance of behavior. I have over 30 papers
17 published on this topic. One component of education
18 that's involved in that is having a firm grounding in
19 biological sex because this is the sort of underpinning
20 for some of the largest sex differences we see in nature
21 in terms of behavior. And I've also been publishing
22 articles in medical journals on the biology of sex and
23 in peer-reviewed academic books.

24 Q. What degrees do you hold?

25 A. I have a Ph.D. in evolutionary biology from

1 UC Santa Barbara and then a bachelor's of science in
2 evolution, ecology, and biodiversity from UC Davis.

3 Q. Do you have any postdoctorate work?

4 A. I do. I spent two years as an Eberly research
5 fellow at Penn State.

6 Q. What did you study there?

7 A. I studied evolutionary behavioral ecology of
8 social insects.

9 Q. And where do you work now?

10 A. I'm currently at the Manhattan Institute.

11 Q. Have you ever testified as an expert before?

12 A. No.

13 Q. Are you familiar from your -- pardon me. From
14 your knowledge, experience, training, and education, are
15 you familiar with the concept of biology of the male and
16 female sex?

17 A. Very familiar.

18 Q. And we may have gone over this a little bit
19 already, but just explain your education and training
20 that makes you familiar with that concept.

21 A. Yes. So it's a foundational concept in my
22 field of evolutionary behavioral ecology. If you're
23 studying the evolutionary significance of behavior, one
24 of the main things you're going to want to look at is
25 what males and females are and have a knowledge about

1 what that is across a broad spectrum of species because
2 that's going to help you design experiments, to execute
3 them, and ensure that you're not confusing certain
4 individuals for others when you're formulating your
5 hypotheses and testing ideas, then just sort of an
6 academic understanding of biology of sex and how this
7 applies universally across the entire plant and animal
8 kingdom.

9 Q. And tell us a little bit -- have you published
10 in the biology -- have you published on the biology of
11 male and female sex?

12 A. I have, for medical journals and in an academic
13 textbook.

14 Q. And just give us a taste of about how many
15 articles and what they've been about.

16 A. So I have an article in the *Irish Journal of*
17 *Medicine*, and this is just outlining what the biological
18 basis of male and females are, their gametes, the type
19 of gamete they produce. And then I have an academic
20 chapter in a book by the academic publisher Routledge,
21 so it's peer-reviewed book chapter. And this just gives
22 a very broad overview of what biological sex is,
23 you know, universally, how humans developed, what sex is
24 in humans, and then sort of going through a lot of
25 common misconceptions about biology of sex and why they

1 don't hold -- hold weight.

2 Q. Have you given any presentations on the subject
3 of male and female biological sex?

4 A. I have at conferences and summits and some
5 universities.

6 Q. Have you formed any research yourself on the
7 biology of male and female sex?

8 A. Not active research on it, but it's definitely
9 a component of, you know, my background knowledge for
10 when I'm designing experiments on any organism. I think
11 it's relevant the fact that, you know, biological sex is
12 defined the same way across all of life, whether it's
13 plants or animals. And so having specific research in,
14 say, human sex isn't going to give you any more insight
15 into what sex is than if you're studying things like
16 ants or wasps or any other animal that has males and
17 females.

18 MR. ELDRED: Your Honor, his CV has
19 already been admitted as Exhibit 4.

20 THE COURT: All right. Thank you.

21 MR. ELDRED: And we'd like to offer him at
22 this time as an expert on the subject of biological sex.

23 THE COURT: Any objection?

24 MR. GONZALEZ-PAGAN: Your Honor, if I can
25 conduct a brief voir dire.

1 THE COURT: That will be allowed.

2 **VOIR DIRE EXAMINATION**

3 BY MR. GONZALEZ-PAGAN:

4 Q. Dr. Wright, you mentioned your degrees are in
5 evolutionary biology; is that right?

6 A. Yeah, evolution, ecology, and biodiversity and
7 then evolution, ecology, and marine biology at
8 Santa Barbara.

9 Q. And following your studies and your two-year
10 postdoctoral fellowship, you have not worked in
11 academia; correct?

12 A. I left formally academia in 2020, but I've been
13 publishing as an independent scholar.

14 Q. You obtained your Ph.D. in 2018; is that
15 correct?

16 A. Yes.

17 Q. And following your studies and two-year
18 postdoctoral fellowship which ended in 2020, you have
19 not conducted any original research; is that right?

20 A. I've written academic papers that are in
21 peer-reviewed journals about the topic of what
22 biological sex is.

23 Q. You referred to one article in a peer-reviewed
24 journal and you said it was the *Irish Journal of*
25 *Medicine*; is that correct?

1 A. I believe that's the title of the journal,
2 yeah.

3 Q. Yeah. That was a -- that was a letter to the
4 editor with one citation; is that right?

5 A. Yes.

6 Q. Okay. So it wasn't an original article of
7 research, and it wasn't peer-reviewed; is that correct?

8 A. It was peer-reviewed. It's a peer-reviewed
9 journal.

10 Q. Are letters to the editor peer-reviewed?

11 A. Yes.

12 Q. You're not a medical doctor; right?

13 A. I am not.

14 Q. You're not a mental health professional?

15 A. Nope.

16 Q. And you provide no healthcare services of any
17 kind?

18 A. I do not.

19 Q. All of your original peer-reviewed publications
20 relate to the study of insects and other arthropods; is
21 that correct?

22 A. That is correct, but as far as it pertains to
23 the biology of sex. Again, sex is defined the same way
24 across all of life, so I could be a botanist and it
25 would still be as relevant.

1 Q. Sure. You have no peer-reviewed publications
2 relating to gender dysphoria aside from this one letter
3 to the editor?

4 A. No, that is not my field. It is not in gender
5 dysphoria.

6 Q. You have no peer-reviewed publications relating
7 to transgender people?

8 A. That's not my area of expertise and not why I'm
9 here.

10 Q. And you have conducted no original research
11 relating to gender dysphoria; is that right?

12 A. That's correct.

13 Q. And no original research relating to
14 transgender people?

15 A. That's correct.

16 Q. And there are species that change sex; is that
17 correct?

18 A. There are some, yes.

19 MR. GONZALEZ-PAGAN: Your Honor, at this
20 time -- Your Honor, at this time we would object to this
21 witness. We don't understand the relevance of this
22 witness.

23 THE COURT: Well, let me ask,
24 Mr. Eldred -- so I tried to look back. It's an expert
25 on biological sex?

1 MR. ELDRED: Yes, Your Honor. We think
2 it's -- under Rule 702, it's a -- he's qualified as an
3 expert in knowledge, skill, experience, training, or
4 education in that topic, and it's useful to you because
5 biological sex is mentioned in the statute. And again,
6 he's not going to be testifying about things like gender
7 dysphoria, just describe what biological sex is, which I
8 think is important to understand to understand how the
9 statute works.

10 THE COURT: And as I understood it,
11 Dr. Wright, it's a Ph.D. in evolutionary biology and a
12 bachelor of science in evolution ecology? Did I get
13 that right?

14 THE WITNESS: So the Ph.D. -- it's a long
15 title. The Ph.D. is in evolution, ecology, and marine
16 biology. And then my BS is evolution, ecology, and
17 biodiversity.

18 THE COURT: I'm going to allow the
19 designation of this expert. You can continue your
20 examination, Mr. Eldred.

21 MR. ELDRED: Thank you.

22 **CONTINUED DIRECT EXAMINATION**

23 BY MR. ELDRED:

24 Q. What is biological sex?

25 A. So at root, biological sex refers to the type

1 of reproductive strategy that an individual has. So in
2 what are called anisogamous species, these are species
3 that reproduce by fusing two gametes of different sizes.
4 The individual that produces the larger-sized gamete is
5 called the female. The one who produces the smaller
6 gamete or sperm is called the male. This is
7 fundamentally what biological sex means. It refers to
8 these reproductive strategies rooted in the type of
9 gamete that they have the function to produce.

10 Q. Would you say that biological sex is binary?

11 A. Biological sex is binary because there are only
12 two gamete types. There's just sperm and there's ova.
13 So -- so yes. So there's only two options for an
14 individual to have with respect to sex, and that is
15 either male or female. There's no third sex. There's
16 no third gamete, which would be the requirement for
17 there to be a third sex or more.

18 Q. Is there any sort of transitional gamete
19 between a sperm and an egg?

20 A. Not even close. They are widely different in
21 sizes. And there's never been a third intermediate
22 gamete found in any species. And there's reasons,
23 evolutionarily speaking, why that this is a stable
24 strategy that has evolved independently many times
25 across many different organisms.

1 Q. And when you say species, are you including
2 humans in that?

3 A. Yeah, humans, any species that has two
4 different sized gametes.

5 Q. Insects as well?

6 A. All -- all animals and many plants.

7 Q. Okay. How do you determine the biological sex
8 of an individual?

9 A. So this is an important point to make about
10 sort of some confusion on terminology. A lot of people,
11 when they talk about how sex is determined, they
12 conflate this with how sex is defined. As a
13 biologist -- so it's a -- in developmental biology, for
14 instance, when we talk about how sex is determined,
15 we're talking about the mechanisms that cause an embryo
16 to eventually develop into a male or a female, but that
17 is very different from how sex is defined, which is
18 based on the types of gamete that they can or would
19 produce.

20 So there are many different organisms,
21 different species that determine sex in a different way,
22 such as -- alligators, for instance, they do it
23 environmentally by temperature. But regardless of how
24 sex is determined mechanistically and caused, the
25 definition of sex across all of life, all plants,

1 animals, is going to be rooted in those binary
2 distinction between gametes.

3 Q. Is it correct to say that in humans that
4 biological sex is assigned?

5 A. I don't prefer that term because I think that
6 suggests that it's sort of an arbitrary designation,
7 that it's --

8 MR. GONZALEZ-PAGAN: Objection,
9 Your Honor. This is outside the scope of what
10 biological sex is.

11 MR. ELDRED: It's not --

12 THE COURT: I'll ask -- well, hold on.
13 Hold on. Let me just take a look. I'll overrule the
14 objection. I think you were completing your answer.

15 A. Yes. I think that it suggests there's
16 ambiguity or that it's an arbitrary designation. I tend
17 to say that sex is observed and recorded. That's --
18 yeah, that's what I should say.

19 Q. (BY MR. ELDRED) So would you say biological
20 sex is a spectrum?

21 A. I would not say it's a spectrum because that
22 would require to have a sort of spectrum of gamete sizes
23 running all the way from the size of a sperm, which is
24 very tiny, to the size of an ovum, which is very large.
25 So no, sex is not a spectrum. It's a -- there's two

1 poles which correspond to either producing sperm or
2 producing ova.

3 Q. I want to show you a demonstrative. We'll pull
4 it up.

5 THE COURT: Yeah, if you've got a
6 demonstrative, I'd prefer you show it to the other side
7 first.

8 MR. GONZALEZ-PAGAN: I'm unclear on the
9 relevance of this exhibit, Your Honor, but --

10 THE COURT: Sure.

11 MR. ELDRED: We're not offering it as an
12 exhibit, just a demonstrative --

13 THE COURT: Okay.

14 MR. ELDRED: -- just to help the
15 testimony.

16 THE COURT: Okay.

17 MR. ELDRED: Oh, there it is.

18 Q. (BY MR. ELDRED) What is that?

19 A. So this is a figure that I created sort of in
20 response to this idea that sex is a spectrum and why
21 that's sort of a misleading way to talk about the
22 biology of sex, because sex doesn't come in degrees.
23 You know, people aren't just degrees of maleness and
24 femaleness. For the vast majority of people, they are
25 just either male or female, much like when you flip a

1 coin, you're either -- you get heads or tails and it
2 doesn't come in degrees. There is a very small
3 percentage of people who have intersex conditions whose
4 genitalia appears sexually ambiguous.

5 Q. I'm going to cut you off for just a second.

6 A. Yeah.

7 Q. What do the numbers mean on the demonstrative
8 exhibit up there you created?

9 A. So those are just the percentage of the
10 population that fall into these buckets of males and
11 females and to be considered intersex, although the
12 intersex category -- much more of those individuals in
13 that white box are also either male or female if you
14 just sort of investigate a little bit more about --
15 regarding their gonads.

16 Q. Well, explain a little bit more about intersex.
17 What does it mean by intersex?

18 A. So intersex refers to individuals whose
19 genitalia appears ambiguous at birth or there's a
20 mismatch between sort of your internal reproductive
21 organs and your external phenotype.

22 Q. Does the existence of intersex prove that
23 there's a spectrum of biological sex?

24 A. No, it doesn't, because intersex people, they
25 don't have reproductive organs that are sort of

1 organized around the production of a new third type of
2 gamete that it would require for there to be another --
3 a third sex. Anyone -- to the degree that sexual
4 ambiguity actually exists in humans -- again, sexual
5 ambiguity is not a third sex. There's still only two
6 sexes that a human can actually be.

7 Q. How do chromosomes fit into this conversation?

8 A. So in humans, mammals, and birds, and other
9 organisms as well, chromosomes are a sex-determining
10 mechanism if they have sex chromosomes. These are the
11 causes of an individual's sex. They have certain genes
12 that reside on them that cause the embryo to develop
13 down the pathway that results in a male or a female.
14 But as I mentioned earlier, how sex is determined,
15 whether through chromosomes or environment, that doesn't
16 define an individual's sex. So it wouldn't be
17 completely accurate to say that, you know, your
18 chromosomes define your sex or that XX equals female or
19 XY equals male. It really just comes down to the types
20 of gametes that you have the function to produce.

21 Q. Is it true there's more than two different type
22 of chromosomes -- sex chromosomes for humans?

23 A. So there's, broadly speaking, two sex
24 chromosomes, X and Y chromosomes, but those can vary in
25 bodies differently. Some individuals can have different

1 collections of chromosomes. They're called sex
2 chromosome aneuploidies. So, for instance, someone with
3 Klinefelter syndrome has XXY chromosomes. This doesn't
4 mean that they're a third sex because, again,
5 chromosomes are just a cause of an individual's sex.
6 People with Klinefelter have a Y chromosome. And if
7 they have an active gene on there called the SRY gene,
8 that makes them 100 percent male. They develop into
9 males. These differences in sex chromosomes, whether
10 it's XX, XY, XYY, et cetera -- there's several different
11 combinations people can have -- those represent
12 variation within the two sexes. They're not sort of
13 additional sexes beyond male and female.

14 Q. I asked you about chromosomes. How about
15 secondary sex characteristics such as facial hair in
16 men, body shape of female, genitals and breasts and
17 things like that? How does that fit into this
18 conversation?

19 A. Yeah. None of those define the sex of an
20 individual. Those are downstream consequences of an
21 individual's sex. So if you're biologically male and
22 you have testes, you produce higher levels of
23 testosterone. If you're a female, you have ovaries.
24 Those produce higher levels of estrogen. Each sex --
25 both has testosterone and estrogen, just in different

1 concentrations. But those sort of hormonal mixtures
2 that you get when they surge during puberty, they will
3 create the sort of sex-related secondary sex
4 characteristics that we tend to see. Males, they grow
5 taller. They get more facial hair, more body hair.
6 Generally their voice deepens. Women -- females, they
7 grow breasts.

8 So these are traits that are, again, a
9 downstream consequence of sex, but they do not define an
10 individual's sex in any way. You can't modify, say,
11 someone's breasts and make them, you know, more male or
12 female depending on the size that you make them. These
13 are just sort of related to sex, but they don't define
14 an individual's sex.

15 Q. And just to clarify, when you say if you modify
16 someone's breasts it doesn't make them more or less
17 female or male, you're talking about biological sex
18 female and biological sex male; is that right?

19 A. Yes. Yeah. You can modify secondary sex
20 characteristics. That doesn't change what sex you are.

21 Q. So when people say there are more than two
22 biological sexes, do you agree?

23 A. No, I don't, because that would require a third
24 type of gamete. Most people who make that claim are
25 confused about the distinction between how sex is

1 determined with chromosomes and how sex is defined,
2 which leads people to say that there's, like, six sexes
3 because there's sort of six viable types of chromosome
4 combinations people can have, but that's not
5 scientifically accurate.

6 Q. Okay. Are there degrees of biological maleness
7 or biological femaleness? Like, can someone be more
8 biological male than someone else?

9 A. No, because, again, sex is rooted in the type
10 of gamete that your primary sex organs are organized
11 around to produce. So in order for you to have a degree
12 of maleness and femaleness that's somewhere in between,
13 you'd need to have -- you know, to produce some sort of
14 intermediate gamete that doesn't exist.

15 MR. ELDRED: Judge, I'd like to show
16 another demonstrative.

17 THE COURT: Okay.

18 Q. (BY MR. ELDRED) What is this diagram on the
19 screen?

20 A. So this is a distribution of height among males
21 and females in humans.

22 Q. Did you make this diagram?

23 A. I did not.

24 Q. Okay. Do you know who did make the diagram?

25 MR. GONZALEZ-PAGAN: Your Honor --

1 THE COURT: Hold on.

2 MR. GONZALEZ-PAGAN: -- counsel just
3 represented that he made the diagram.

4 THE COURT: Hold on. Let's just get to
5 the bottom of it. Who made the graph?

6 THE WITNESS: This is -- I pulled it off a
7 paper, an academic paper. I'm not exactly sure which
8 one. I'm sorry.

9 THE COURT: I don't know that we need to
10 use it, Mr. Eldred.

11 MR. ELDRED: Okay. I apologize, Judge.

12 THE COURT: Okay. No worries.

13 Q. (BY MR. ELDRED) Is it true that males and
14 females -- let me be more clear -- that humans with
15 biological sex male and humans with biological sex
16 female have overlapping height distributions?

17 A. They have overlapping distributions in height
18 and many other different characteristics that are sort
19 of sex related or that sex influences but not sex
20 itself.

21 Q. And does that prove anything about whether
22 biological sex is a spectrum?

23 A. No, it doesn't, because -- you know, I'd like
24 to reference that distribution. I think that's
25 important. Because a lot of people will say sex is a

1 spectrum based on secondary sex characteristics, like
2 breast size, for instance, how tall individuals are, the
3 amount of facial hair. But really when you see the
4 distribution, these are just sort of overlapping
5 distributions and traits between males and females, but
6 these traits don't define an individual's sex. So if
7 you have a bimodal distribution like in that previous
8 slide, as you go from one side to the other, you
9 don't -- you just get more higher or lower proportions
10 of males and females that fall into those sort of
11 distributions, but that doesn't mean that the sex is
12 changing as you're going from right to left or
13 vice versa on a graph like that.

14 Q. Did you read Dr. Shumer's report submitted in
15 this case?

16 A. I did.

17 Q. And I'm just going to read part of it to you.
18 It's in Paragraph 27. Sex is comprised of several
19 components, including, among others, internal
20 reproductive organs, external genitalia, chromosomes,
21 hormones, gender identity, and secondary sex
22 characteristics. Do you agree with that statement?

23 A. I do not disagree -- or sorry. I do disagree
24 with that.

25 Q. Why do you disagree?

1 A. I think it just completely misconstrues what
2 biological sex actually is because the sex of an
3 individual, not just in humans but across, again, all
4 animals and plants, is related to the type of gamete
5 that you have the function to produce or would produce.

6 I would say that when he said internal sex
7 characteristics, if he's referring to gonads, then that
8 would be accurate. But other things like chromosomes,
9 again, these are upstream causes of sex. Secondary sex
10 characteristics, they're called secondary sex
11 characteristics for a reason, because they are only
12 downstream related effects of one's sex. And the
13 hormones are an example of sort of the downstream
14 consequence of one's sex either. You know, those are
15 sex-related traits, but they do not constitute what
16 sex -- the sex of an individual.

17 Q. In Paragraph 32, Dr. Shumer said gender
18 identity, like other components of sex, has a strong
19 biological foundation. Do you have any opinion on that,
20 whether that's accurate?

21 A. You know, I'm not an expert on gender identity,
22 so I would actually like to not comment on that one.

23 Q. Okay. Fair enough.

24 MR. ELDRED: Bear with me just one second,
25 Your Honor, please.

1 THE COURT: Uh-huh.

2 MR. ELDRED: I'll pass the witness,
3 Your Honor.

4 THE COURT: Thank you, Mr. Eldred.
5 Cross?

6 MR. GONZALEZ-PAGAN: Thank you,
7 Your Honor.

8 THE COURT: Are you going to need the
9 screen?

10 MR. GONZALEZ-PAGAN: I will, Your Honor.

11 THE COURT: Okay. We just want to make
12 sure. If you do, it needs to be either plugged in at
13 the lectern or plugged in your laptop, whatever it is
14 you want to show.

15 MR. GONZALEZ-PAGAN: Oh, I'm --

16 THE COURT: They'll take care of it for
17 you?

18 MR. GONZALEZ-PAGAN: Yes.

19 THE COURT: Got it.

20 **CROSS-EXAMINATION**

21 BY MR. GONZALEZ-PAGAN:

22 Q. Dr. Wright, you testified that reproduction --
23 sex is defined based on reproductive capacity and
24 production of gametes across all animal species; is that
25 right?

1 A. It's defined by not whether you can actually
2 produce gametes but if you have the function to, which
3 would be rooted -- related to the type of gonads that
4 you have that would normally produce them.

5 Q. Sure. And sorry. It takes --

6 A. And it's universal, yes.

7 Q. Yes. And I need to go back a little bit. My
8 biology training as a major takes a little while to kick
9 in.

10 There are animal species that reproduce
11 without gametes; is that right?

12 A. Absolutely. Yes, there are.

13 Q. That includes aphids within your field of
14 entomology?

15 A. Yes. They reproduce by budding off of one
16 another, parthenogenesis.

17 Q. And to clarify, you're not offering any
18 opinions on the biological basis of gender identity?

19 A. No.

20 Q. You're not offering any opinions on the
21 biological basis of gender dysphoria?

22 A. No.

23 Q. You say that individuals who say that sex is
24 defined by anything other than gametes or the capacity
25 to produce gametes are mistaken; is that correct?

1 A. Yes.

2 Q. Okay. Would it surprise you to learn that some
3 of the State's designated experts have testified both in
4 court and to the Legislature that sex is defined by
5 chromosomes?

6 A. I'm not surprised, but that is an incorrect
7 assessment. Sex is not defined by an individual's
8 chromosomes. It's determined by them.

9 Q. Would you agree then that your views shared
10 today about sex are not universally accepted within the
11 scientific community?

12 A. I think there's a lot of people who have
13 misconceptions about sex in the scientific community,
14 but I think if you get to the researchers who are
15 studying the evolution of sex in a fundamental way,
16 there's -- there's no disagreement about what
17 constitutes an individual's sex.

18 Q. But my question was were your views accepted
19 within -- universally accepted within the scientific
20 community.

21 A. I think a vast majority if polled would agree
22 with me.

23 Q. And what's the basis for that statement?

24 A. This has been a longstanding discovery of basic
25 biology for a very long time, hundreds of years.

1 Q. And you have not published in the area of sex
2 determination or what it means to be a biological sex in
3 scientific literature; is that right?

4 A. I've written peer-reviewed book chapters on
5 what sex is across all of -- all of life, yes.

6 Q. This is one book that was published this year
7 that includes, among others, Michael Biggs and other
8 authors, all of whom are opponents of gender-affirming
9 medical care; is that correct?

10 A. I was asked to write a chapter about the
11 biological basis of sex, and so that's what I -- what I
12 wrote about.

13 MR. GONZALEZ-PAGAN: Can we pull up
14 Plaintiffs' Exhibit 48, please?

15 THE COURT: It's not been admitted. Are
16 you going to admit it through him?

17 MR. GONZALEZ-PAGAN: Well, I'm going to
18 show it as a demonstrative, Your Honor, just like the
19 other ones.

20 THE COURT: Okay. As long as we make sure
21 we're clear about that and that it's a demonstrative as
22 opposed to --

23 MR. GONZALEZ-PAGAN: Yes. Not a --
24 pre-marked non-admitted exhibit, Plaintiffs' Exhibit 48.

25 THE COURT: Got it. P-48, not an admitted

1 exhibit.

2 Q. (BY MR. GONZALEZ-PAGAN) Do you recognize this
3 document?

4 MR. ELDRED: How is this a demonstrative,
5 Your Honor? I don't understand.

6 A. Um --

7 THE COURT: Well, hold on.

8 A. -- not immediately, no.

9 MR. GONZALEZ-PAGAN: Well, it's an
10 impeachment, Your Honor. He states that his views are
11 universally shared. This is a peer-reviewed article
12 that I'll show shows otherwise.

13 THE COURT: Which might be appropriate to
14 use, but if you've got a hard copy maybe so that he can
15 see the whole thing, that would be the way to do it.

16 MR. GONZALEZ-PAGAN: We're happy to
17 provide the witness with a hard copy, Your Honor.

18 THE COURT: I'm sorry?

19 MR. GONZALEZ-PAGAN: We're happy to
20 provide the witness with a hard copy.

21 THE COURT: Sure.

22 MR. GONZALEZ-PAGAN: And it is in the Box.

23 THE COURT: Is there a hard copy?

24 MS. DYER: It is in the Box?

25 MR. GONZALEZ-PAGAN: Yes.

1 MS. DYER: Oh. Was it updated yesterday?

2 MR. GONZALEZ-PAGAN: It was updated
3 earlier today.

4 MS. DYER: Oh, I didn't know there was any
5 additions to the Box.

6 MR. STONE: Were there other updates today
7 to the Box?

8 MR. GONZALEZ-PAGAN: Your Honor, if I may,
9 just to pause the time.

10 THE COURT: Yeah, let's go off the record.
11 *(Discussion off the record)*

12 THE COURT: And Dr. Wright has a copy of
13 P-48. Just give him an opportunity to kind of look
14 through it before you ask him some questions.

15 MR. GONZALEZ-PAGAN: Thank you,
16 Your Honor.

17 A. All right. I think I've read articles that are
18 very similar in scope to this one before that make
19 similar claims, so I think I can address your questions.

20 Q. (BY MR. GONZALEZ-PAGAN) Thank you. Having
21 reviewed Exhibit Plaintiffs' 48, which hasn't been
22 admitted, have -- would you dispute that some scientists
23 believe that sex is multifaceted?

24 A. I believe some scientists are mistaken about
25 what biological sex is, yes.

1 Q. Sex can have multiple meanings; is that
2 correct?

3 A. I mean, if we're going to say sex can be an act
4 with intercourse, that's one other use of the word sex.
5 But if we're talking about the sex of an individual,
6 what sex a person is, that has a very specific meaning
7 in biology.

8 Q. Is it your understanding that the sex on a
9 birth certificate or a driver's license has to always be
10 consistent with -- or a college application has to
11 always be consistent with somebody's genitalia and their
12 production of gametes?

13 MR. ELDRED: Objection. This is outside
14 the scope of his expertise.

15 THE COURT: I'll sustain that objection,
16 if you have another question.

17 MR. GONZALEZ-PAGAN: Sure.

18 Q. (BY MR. GONZALEZ-PAGAN) You earlier testified
19 that sex -- biological sex can be bimodal; is that
20 correct?

21 A. I do not think sex is bimodal. It is binary.

22 Q. Would you agree that some sex characteristics
23 are multimodal?

24 A. Some sex-related characteristics can be bimodal
25 and perhaps multimodal. I would need specific examples.

1 But again, those are downstream consequences of sex.

2 They don't define an individual's sex.

3 Q. And again, aside from the letter to the editor
4 and the chapter in the book that was published this year
5 by individuals that harbor views against the provision
6 of gender-affirming medical care, you have not published
7 or researched in the area of what biological sex means?

8 A. Outside of the publications I have on the
9 topic, there are no additional ones.

10 Q. You would agree that having a credential alone
11 is insufficient to offer expert opinions on the subject;
12 is that right?

13 A. Absolutely.

14 Q. Yet your opinions today are based solely on
15 your understanding as an evolutionary biologist?

16 A. It's based on my understanding of the biology,
17 again, the universal characteristics that unite all
18 males and females across the plant and animal kingdom,
19 not simply just looking at humans.

20 Q. Let me ask you this. Do you believe that being
21 transgender is a delusion?

22 THE COURT: Is a what?

23 MR. ELDRED: Objection. This is
24 outside --

25 THE COURT: I'm sorry. I didn't

1 understand.

2 MR. GONZALEZ-PAGAN: A delusion.

3 THE COURT: A delusion. Okay. And your
4 objection?

5 MR. ELDRED: I'm sorry. What was the
6 question again?

7 MR. GONZALEZ-PAGAN: Do you believe that
8 being transgender is a delusion?

9 MR. ELDRED: I think that's outside -- I
10 object that it's outside the scope of what he's been
11 offered as his expertise.

12 MR. GONZALEZ-PAGAN: It goes to bias,
13 Your Honor.

14 THE COURT: I'll overrule the question, if
15 you can answer.

16 A. What do you mean by transgender?

17 Q. (BY MR. GONZALEZ-PAGAN) Do you believe that
18 being transgender is a delusion?

19 A. I would need to know how you're defining the
20 term whether I can make a claim on that. If you're
21 asking me whether I believe someone who is one sex who
22 believes they are actually the other sex despite the
23 type of gamete that they can or would produce, I would
24 say that that specific belief would be a delusional
25 belief if they're actually identifying as the sex that

1 they are empirically not.

2 MR. GONZALEZ-PAGAN: Let's show Exhibit --
3 Plaintiffs' Exhibit 51, which has not been admitted to
4 the record.

5 THE COURT: So as a demonstrative. As a
6 demonstrative, P-51.

7 Q. (BY MR. GONZALEZ-PAGAN) Do you see it on your
8 screen?

9 THE COURT: You should see it both places,
10 but whichever works best.

11 MS. POLLARD: Your Honor, may I approach
12 to retrieve the laptop?

13 THE COURT: Yes.

14 Q. (BY MR. GONZALEZ-PAGAN) Do you recognize this?

15 A. I do.

16 Q. It is a screen capture of an Instagram post by
17 @swipewright on April 10, 2022; correct?

18 A. That looks like what it is, yes.

19 Q. And @swipewright is your Instagram account; is
20 that right?

21 A. It's my Twitter and Instagram.

22 Q. And on this post on April 10th, 2022, you
23 stated in part: The medical establishment has somehow
24 convinced itself that it's more conducive to a
25 delusional person's mental health to have all society

1 participate in their delusion than to bring them in
2 touch with reality.

3 Is that what you wrote?

4 MR. ELDRED: Objection, Judge. This is
5 not a demonstrative exhibit. This is outside the scope
6 of his expertise. His opinions outside the scope of his
7 expertise should not be admissible. He's not testifying
8 as just some guy with opinions. He's testifying as an
9 expert on biological sex. And what he thinks about --
10 this opinion on this tweet has nothing to do with his
11 opinion on biological sex.

12 THE COURT: Well, you've put him up as an
13 expert, and so I guess this potentially goes to bias,
14 but I need you to offer the exhibit, sir, in order to
15 move forward with it.

16 Q. (BY MR. GONZALEZ-PAGAN) Is that what you
17 wrote, Dr. Wright?

18 A. That is what I wrote.

19 MR. GONZALEZ-PAGAN: Your Honor, at this
20 time I would move for the admission of Exhibit --
21 Plaintiffs' Exhibit 51.

22 THE COURT: All right. And then your
23 objection?

24 MR. ELDRED: Yes, Your Honor. Same
25 objection. This is not relevant to the witness'

1 testimony. This is just something he wrote on Twitter,
2 not within his expertise. He's not here testifying
3 about his opinions on things. It's also hearsay.

4 THE COURT: All right. The objection is
5 overruled and P-52 [sic] is admitted.

6 *(Plaintiffs' Exhibit 51 admitted, as*
7 *clarified later by the Court on Page 255)*

8 Q. (BY MR. GONZALEZ-PAGAN) In this post, you're
9 referring to transgender people; correct?

10 A. I'm referring to anyone who identifies with a
11 biological sex that they are empirically not. So to the
12 degree that a transgender person believes incorrectly
13 that they are the opposite sex, that is the target of
14 this tweet.

15 Q. And by bringing them in touch with reality, you
16 mean having transgender people live in accordance with
17 their birth sex based on their genitalia?

18 A. No. I would say that they just need to
19 understand that their sex cannot literally be changed.
20 So I'm okay with trans people choosing to medically
21 transition if they would like to for adults, for
22 instance, but I think it's important that they
23 understand that you can't literally become the opposite
24 sex merely by changing a host of secondary sex
25 characteristics. So when I say in touch with reality,

1 that's what I mean, that they need to understand what
2 their sex is and that they're only making cosmetic
3 changes.

4 Q. Previously you stated that even asking a person
5 what their pronouns are is a form of indoctrination.

6 MR. ELDRED: Objection, Judge. This is
7 not part of his expertise. In fact, he's already
8 testified he does not know anything about -- he's not
9 testifying as an expert on gender identity.

10 THE COURT: I'll sustain that objection,
11 if you have another question.

12 Q. (BY MR. GONZALEZ-PAGAN) Do you believe that
13 being asked what pronouns somebody uses makes kids
14 transgender?

15 MR. ELDRED: Objection. Same objection,
16 Judge. This is outside of his expertise. He's not an
17 expert on gender identity.

18 MR. GONZALEZ-PAGAN: Your Honor, it goes
19 to his bias. He's never even published in this area.

20 THE COURT: Well, I think we're -- I don't
21 know that we need anything more on that. So for saving
22 time, I'm going to sustain the objection.

23 MR. GONZALEZ-PAGAN: Thank you,
24 Your Honor.

25 THE COURT: Do you have any other

1 questions?

2 MR. GONZALEZ-PAGAN: In that case, no more
3 questions, Your Honor.

4 THE COURT: Okay. Any redirect,
5 Mr. Eldred?

6 MR. ELDRED: Can I have one second to
7 consult?

8 THE COURT: Sure.

9 MS. WOOTEN: Your Honor, while they're
10 conferring, as a housekeeping matter, I believe that on
11 the record it was stated --

12 MR. ELDRED: Your Honor, can we have
13 housekeeping matters when we're ready to discuss them,
14 please?

15 THE COURT: Well, if they're busy, let's
16 wait.

17 MR. ELDRED: No questions, Judge.

18 THE COURT: All right. Thank you,
19 Mr. Eldred.

20 Dr. Wright, you are done on the witness
21 stand. You may be excused.

22 THE WITNESS: Thank you.

23 THE COURT: All right. Is this -- is
24 there another witness for today or --

25 MR. ELDRED: We do not have one today.

1 THE COURT: Okay. All right. Just wanted
2 to make sure. We can go ahead -- unless there's
3 something else we need to take up on the record.

4 MS. WOOTEN: One matter, Your Honor. I
5 believe it was stated on the record that Exhibit P-52
6 was admitted. It's P-51 that was admitted.

7 THE COURT: Okay. I thought I heard 52,
8 but thank you. So the correction is there's no P-52,
9 and P-51 is admitted.

10 Anything else we need to take up on the
11 record before we go off?

12 MS. WOOTEN: No, Your Honor.

13 THE COURT: Okay. All right. We can go
14 off the record.

15 *(Court adjourned)*

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REPORTER'S CERTIFICATE

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THE STATE OF TEXAS)
COUNTY OF TRAVIS)

I, Chavela V. Crain, Official Court Reporter in and for the 53rd District Court of Travis County, State of Texas, do hereby certify that the above and foregoing contains a true and correct transcription of all portions of evidence and other proceedings requested in writing by counsel for the parties to be included in this volume of the Reporter's Record, in the above-styled and numbered cause, all of which occurred in open court or in chambers and were reported by me.

I further certify that this Reporter's Record of the proceedings truly and correctly reflects the exhibits, if any, offered in evidence by the respective parties.

WITNESS MY OFFICIAL HAND this the 20th day of August, 2023.

/s/ Chavela V. Crain
Chavela V. Crain
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