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IN THE UNITED STATES DISTRICT COURT
                    FOR THE MIDDLE DISTRICT OF ALABAMA
                            NORTHERN DIVISION
         REV. PAUL A. EKNES-TUCKER,
         et al.,
                                       * 2:22-cv-00184-LCB
                 Plaintiffs,
                                        May 6, 2022
                                         Montgomery, Alabama
         vs.
                                         9:00 a.m.
         KAY IVEY, in her official
         capacity as Governor of the
         State of Alabama, et al.,
                 Defendant.
10
11
              TRANSCRIPT OF PRELIMINARY INJUNCTION HEARING
12
                                 VOLUME II
13
                  BEFORE THE HONORABLE LILES C. BURKE
                      UNITED STATES DISTRICT JUDGE
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BY MS. EAGAN:
      1
      2
              Good afternoon, Dr. Cantor.
      3
              Good afternoon.
              Dr. Cantor, you are an adult clinical psychologist,
      4
13:29:15 5
         correct?
         Α
      6
              Yes.
      7
              You are not a medical doctor?
      8
              Correct.
      9
              Your private practice -- in your private practice in
         Toronto, the average age of your patients is 30 to 35 years
13:29:22 10
     11
         old?
     12
              Average, that would be about right, yes.
         Α
              You've not ever provided clinical care to transgender
     13
     14
         prepubertal children?
13:29:39 15
         Α
              Correct.
              You have not provided care to a transgender adolescent
     16
     17
         under the age of 16?
     18
              Correct.
         Α
     19
              The extent of your experience, Dr. Cantor, working with
         transgender adolescents consists of counseling six to eight
13:29:52 20
         transgender patients between the ages of 16 and 18; isn't that
     21
     22
         correct?
     23
         Α
              Yes.
              So your clinical experience with gender dysphoria really
     24
         lies in the counseling of adult patients?
13:30:09 25
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                             Federal Official Court Reporter
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Correct.
      1
          Α
      2
              And you acknowledge that gender dysphoria in children does
       3
         not represent the same phenomenon as adult gender dysphoria,
      4
          correct?
13:30:24 5
         Α
              Correct.
              And, in fact, to use your words, they differ in every
      6
      7
         known regard, from sexual interest patterns to responses to
      8
         treatments?
      9
              Correct.
              Dr. Cantor, you have never diagnosed a child or an
13:30:36 10
     11
         adolescent with gender dysphoria?
     12
         Α
              Correct.
              Never treated a child or an adolescent for gender
     13
     14
         dysphoria?
13:30:48 15
         Α
              Correct.
              You have no experience personally with monitoring patients
     16
     17
         who are undergoing puberty-blocking treatment?
     18
              Correct.
         Α
     19
              You don't know what type of monitoring is typically done
13:31:04 20
         or not done on those types of patients; isn't that fair?
     21
         Α
              No.
     22
         Q
              No, that's not fair?
     23
              Well, you -- I personally didn't do it, but I am aware of
         the procedures that are done.
     24
               Okay. But you have no experience with that?
13:31:15 25
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```
That's correct.
       1
          Α
       2
               Similarly, you have never monitored -- or you have not
       3
         monitored an adolescent or teenage patient on hormone therapy?
               Correct. Until -- well, I wouldn't be monitoring the
       4
13:31:34 5
          status in any case, so, yes, that's correct.
               I am going to switch to UAB Children's, the gender clinic
       6
       7
          here in Alabama.
               Have you ever spoken to a child or adolescent who was
       8
          treated at the gender clinic here in Alabama?
       9
               No.
13:32:00 10
          Α
      11
               Have you ever spoken to any former patients of the clinic?
      12
               No.
               You weren't here yesterday to hear Dr. Ladinsky talk about
      13
      14
          the treatment protocols they have at children's UAB, were you?
13:32:12 15
               Correct.
      16
               You weren't here to listen to the results of treatments
      17
          provided to adolescent patients at UAB's Children's in the
      18
          gender clinic; fair?
      19
               Yes. They have never published them.
13:32:27 20
               And you weren't here to hear them?
               Correct.
      2.1
          Α
      22
               Dr. Cantor, you have no personal knowledge of the
      23
          assessment or the treatment methodologies that are used here in
      24
          Alabama at UAB Children's Hospital, correct?
               Correct. Correct.
13:32:42 25
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                             Federal Official Court Reporter
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regarding the efficacy of puberty blockers and hormone
       1
       2
          treatments, okay?
       3
              Yep.
              As I understand your report and your testimony today, one
       4
13:34:36 5
          of the criticisms you have of some of those studies is that it
          relies on participant's self-assessment I believe is the
       6
       7
          language that you used.
               Essentially, it is based upon what socially transitioned
       8
          youth and their family is reporting about their mental health
       9
          in these studies?
13:34:53 10
              I would say that's incomplete. My criticisms would be
      11
      12
          relying on such subjective accounts entirely for all the
          decision making rather than using it as one part of the
      13
      14
          decision making.
               In other words, basing your study based upon what the
13:35:08 15
      16
          participants in the study tell you how they're feeling at
      17
          different points in the study?
      18
               Being limited to that is a problem, yes.
      19
               And I believe the way that you phrased it, you said,
          subjective self-reports about how one is doing may not be
13:35:22 20
          reflecting reality objectively.
      21
      22
         Α
              Correct.
      23
               But, Dr. Cantor, self-reports about how one is doing may
         reflect reality, fair?
      24
         Α
               That's correct.
13:35:38 25
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So when somebody says, I am doing well, my mental state is 1 Q 2 better, that very well may be the case? 3 May be the case, yes. Another complaint that you have, I believe, is what you 4 13:35:58 5 call confounded data. And I believe you referred to the de Vries study for that? 6 7 The two de Vries's studies, yes. As a matter of fact, it's all but two of all papers in that set of literature. 8 9 And by confounded data, the way that I am understanding it, what you're saying is that you are not able to tell because 13:36:13 10 11 the data is, quote, confounded, whether one's improved mental 12 health for a minor who has socially transitioned, whether that came from the actual medical services, whether it came from the 13 14 psychotherapy, or whether it came from the combination of both? 13:36:34 15 Correct. 16 But one thing, Doctor, that you do have to admit is when 17 adolescents with gender dysphoria have transitioned through a 18 combination of medical services and psychotherapy, you have to 19 admit that based upon the studies, their mental health 13:36:55 20 improved, correct? 2.1 No. There were several studies that showed no improvement 22 even though -- even though they were receiving both. I've 23 listed them in my report. 24 Can you direct me to where in your report those are, 13:37:11 25 please, sir? Christina K. Decker, RMR, CRR

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So there -- again, I would have to go through and check to 1 be sure that it's not zero. It would be fair to say that there 2 3 might have been a study which found such a thing. But the majority of studies are finding either no improvements or 13:39:17 5 deteriorations, or it's a situation that we call a failure to replicate. 6 7 Sir, I am a little bit confused, because I want to go to two of your studies that you have actually talked about today, 8 9 the Costa study and the Achille study. Now, as I understand your testimony today, in those 13:39:33 10 11 studies, there was -- the studies reported that there was an 12 improvement in mental state for adolescents who were treated with medication and psychological treatment in transition that 13 14 there was an improvement, but in those, you said you can't tell whether it's from the medication or from the psychological 13:39:58 15 treatment? 16 17 The Costa study and the Achille study associated the 18 improvement specifically with the psychotherapy and ruled out 19 that the effects were due to the medical interventions. 13:40:13 20 Okay. Well, let's pull those studies, Doctor, and let's look at those. 2.1 22 If you could, there should be a notebook up there that has 23 plaintiffs' exhibits in it. Is that one plaintiff, sir? 24 If you could please, sir, turn to Plaintiffs' Exhibit 34. 13:40:55 25 Yes. Christina K. Decker, RMR, CRR

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All right. Plaintiffs' Exhibit 34, is this the -- do you
      1
         Q
      2
         say Costa or Costa?
      3
              I'm sorry?
      4
              Do you say Costa?
13:41:05 5
              My quess is Costa. I have never met the person.
              All right. Exhibit 34 that you have in front of you, is
      6
      7
         that the Costa study?
              Yes, it is.
      8
              All right. So, Doctor, I first want to focus in on --
      9
         well, let me ask this: This study was aimed at assessing
13:41:18 10
     11
         gender dysphoric adolescents' global functioning after
     12
         psychological support and after puberty suppression, correct?
     13
         Α
              Yes.
     14
              Bear with me. I am going to take this out so I can put it
13:41:42 15
         up on the Elmo, sir.
              All right, sir. I am going to direct your attention to
     16
     17
         results that I have highlighted on my copy. Okay? According
     18
         to the abstract here, the results?
     19
         Α
              Yes.
              At baseline, gender dysphoric adolescents showed poor
13:42:18 20
         functioning with -- it defines the mean scores. So baseline
     2.1
     22
         means at the start of the study, correct?
     23
         Α
              Usually it does. I would have to check that that's
         exactly how they used the term.
     24
              All right. We will get to the details of that in a
13:42:35 25
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```
minute.
      1
      2
              Okay. Gender dysphoric adolescents' global functioning
       3
         improved significantly after six months after psychological
          support. And then it goes on to say, Moreover, gender
       4
         dysphoric adolescents receiving also puberty suppression had
13:42:49 5
         significantly better psychosocial functioning after 12 months
      6
      7
         of puberty suppression compared to when they had received only
         psychological support.
      8
      9
              Did I read that right, sir?
              Yes.
13:43:07 10
     11
              Do you remember the methodology that was used for this
     12
         study, sir?
              Roughly.
     13
         Α
     14
         Q
              Pardon?
13:43:14 15
              Yes. Roughly.
              Sorry. I meant to -- all right. And do you recall that
     16
     17
         the methodology was everybody started at baseline. For the
     18
         first six months all of the adolescents received psychological
     19
         counseling. And then for the next 12 months beyond that, one
         group received puberty blockers, and one group just continued
13:43:36 20
         to receive psychological counseling. Do you recall that?
     2.1
     22
         Α
              Yes.
              All right. And then I am going to direct you, sir, to
     23
     24
         page 2211 of the -- if you look at the blue writing on the top,
         it's page 6 of 9.
13:44:12 25
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```
1
         Α
              Yes.
      2
              All right. And I am going to direct you, sir, to on the
      3
         CGAS on follow-up?
              Yes.
      4
13:44:32 5
              All right. And I am going to start at the second
         paragraph where it says delayed eligible. Do you see where I
      6
      7
         am talking about?
      8
              Yes.
              This is talking about there were three follow-ups, right,
      9
         at 6 months, at 12 months, and at 18 months for this study; is
13:44:43 10
     11
         that correct?
     12
              That sounds familiar to me, yes.
              And let's read through that together.
     13
     14
              Delayed eligible gender dysphoric adolescents, who
         received only -- and gender delayed, GD adolescents, is your
13:44:55 15
     16
         recollection that those were adolescents who were eligible to
     17
         receive puberty blockers, but they delayed them for six months
         so that they had everybody at a -- doing psychological study?
     18
     19
         Do you remember this is the group that gets the puberty
13:45:17 20
         blockers?
              Yes, that sounds correct.
     2.1
         Α
     22
              Okay. The delayed eligible gender dysphoric adolescents
     23
         who received only psychological support for the entire duration
     24
         of the study -- excuse me -- I take that back.
13:45:29 25
               This was actually the group that just got the
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psychological -- had significantly better psychosocial
       1
       2
          functioning after six months of psychological support, okay?
       3
               However, despite scoring better at the following
          evaluations, they did not show any further significant
       4
13:45:47 5
          improvement in their psychosocial functioning.
               Did I read that right?
       6
       7
          Α
               Yes.
               Also, the delayed eligible group continued to score lower
       8
          than a sample of children adolescents without observed
       9
          psychological psychiatric symptoms even after 18 months of
13:46:04 10
      11
          being in psychological support.
     12
               So what that's saying is after 18 months, they were still
          below a group that did not have psychological therapy or
      13
      14
          issues, correct?
13:46:20 15
              Yes.
               On the contrary, the immediately eligible group, who at
      16
      17
          baseline had a higher, but not significantly different
      18
          psychosocial functioning than the delayed eligible group, did
      19
          not show any significant improvement after six months of
          psychological support. However -- and this is the key --
13:46:40 20
          immediately eligible adolescents had a significantly higher
      2.1
      22
          psychosocial functioning after 12 months of puberty suppression
      23
          compared to when they had received only psychological support.
      24
               Did I read that correctly?
13:47:03 25
               Yes.
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Then you see at the top of this, there is a chart. And
       1
          Q
       2
          when you look at this chart, the bottom is actually the three
          different check-ins. Time zero is baseline, when the study
       3
          started, right?
13:47:18 5
               Yes.
               Time one is the six-month check-in, correct?
       6
       7
          Α
              Yes.
               And during that six months, both groups are getting just
       8
          psychotherapy, correct?
       9
               Yes, I believe so.
13:47:31 10
      11
               The rest -- and just to orient us.
      12
               The red group, the red line is the group of adolescents
          who only got psychotherapy or psychotherapy through the entire
      13
      14
          18-month study, right?
13:47:46 15
               Yes.
      16
               The green line that you see that goes up -- goes up and
      17
          keeps going up, that is the line of adolescents who receive
      18
          puberty blockers; fair?
               Yes.
      19
          Α
13:47:59 20
              And so, Doctor, to get to the ultimate conclusion of this
          study that you say shows that puberty blockers don't work or
     2.1
      22
          don't give any improvement in mental condition over
      23
          psychotherapy, the conclusion, this study confirms the
      24
          effectiveness of puberty suppression for gender dysphoric
13:48:37 25
         adolescents. Recently, a long-term follow-up evaluation of
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```
puberty suppression among gender dysphoric adolescents after
      1
      2
         that CSHT, which is hormone therapy and GRS, which is puberty
       3
         blockers, has demonstrated that gender dysphoric adolescents
         are able to maintain a good functioning into their adult years.
      4
         This present study, together with this previous research,
13:49:00 5
          indicate that both psychological support and puberty
      6
      7
         suppression enable young gender dysphoric individuals to reach
         a psychosocial functioning comparable with their peers.
      8
      9
              Did I read that conclusion correctly?
              Yes.
13:49:17 10
     11
                   THE COURT:
                              Ms. Eagan, when you reach a comfortable
     12
          spot, let's take a post-lunch break.
                              Perfect. We're good, Judge. We can go
     13
                   MS. EAGAN:
     14
         ahead and break now.
13:49:35 15
                   THE COURT: Okay. I will see you in 15 minutes.
     16
                   (Recess.)
     17
                   THE COURT: Go ahead, Ms. Eagan.
     18
                   MS. EAGAN: Thank you, Your Honor.
     19
         BY MS. EAGAN:
              Dr. Cantor, my understanding from paragraph 63 of your
14:09:00 20
         declaration is that the other study that you point to in
     2.1
     22
         support of your assertion that testing revealed that puberty
     23
         blockers did not improve mental health any more than mental
     24
         health does on its own is the Achille study you mentioned
         earlier today; is that right?
14:09:29 25
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```
Yes.
      1
         Α
      2
              If you, please, sir, could turn to Plaintiffs' Exhibit 42
      3
         in that binder in front of you, and this would be the
         plaintiffs' exhibits that we were looking at earlier.
14:09:42 5
              Yep. Got it.
              All right. Is Plaintiffs' Exhibit 42 the Achille study
      6
      7
         that we just mentioned?
      8
              Yes.
      9
              All right.
                   MS. EAGAN: Your Honor, do you mind if I take this off
14:09:59 10
     11
         of this?
     12
                   THE COURT: That's fine.
         BY MS. EAGAN:
     13
     14
              All right. I am going to -- so this is Plaintiffs'
         Exhibit 42.
14:10:15 15
              And the Achille study, again, was -- in this case if we
     16
     17
         look at the abstract, the background of the study or the
     18
         purpose of the study was to examine the associations of
     19
         endocrine intervention puberty suppression and/or cross-sex
         hormones therapy with depression and quality of life scores
14:10:35 20
         over time in transgender youths.
     21
     22
              That was the purpose of the study, correct?
     23
              Yes.
         Α
              And looking down to the results section, between 2013 and
     24
         2018 -- so this went over a five-year period, right?
14:10:56 25
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```
Yes.
      1
         Α
      2
              And there were 50 participants in the study, correct?
      3
              That sounds right, yes.
               All right. And that they received endocrine intervention
       4
14:11:17 5
         both -- some were in the form of puberty blockers, and some
         were in the form of cross-sex hormones, but endocrine -- and
      6
      7
         over that time period and completed three waves of
      8
         questionnaires.
      9
              Is that your recollection of this study?
              Yes, roughly.
14:11:30 10
               Okay. And when that was -- with those treatments, mean
     11
     12
         depression scores and suicidal ideation decreased over time,
         which means their depression was -- went down, or they got
     13
     14
         better. Suicidal ideation went down, which is improvement,
14:11:50 15
         correct?
     16
         Α
              Yes.
     17
              While mean quality of life scores improved over time.
     18
              And then it goes on to say, When controlling for
     19
         psychiatric medications and engagement in counseling,
14:12:03 20
         regression analysis suggested improvement with endocrine
         intervention. And then it goes on to say that this reached
     2.1
     22
         significance in male to female participants. And the male to
     23
         female participants, those are ones that were receiving hormone
     24
         therapy, correct?
              I believe they were both receiving hormone therapy.
14:12:23 25
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was not significant in one group, and so they're just reporting
      1
      2
         the successful in the other and not reporting the nonsuccessful
       3
         group.
              Well, let's talk about that. Let me pull up paragraph 63
       4
14:12:39 5
         of your declaration.
              When you're discussing this study, here is what you said.
      6
      7
         You said that upon follow-up, some incremental improvements
         were noted; however, after -- so, in other words, upon
      8
      9
         follow-up, they saw improvements.
              But after statistically adjusting for psychiatric
14:13:07 10
     11
         medication and engagement and counseling, quote, most
     12
         predictors did not reach statistical significance.
              And that's your basis -- that statement is your basis to
     13
     14
         say there was not a statistical significance of difference
14:13:26 15
         between just counseling versus with meds; is that right?
     16
              I'm sorry. Could you say that part again?
     17
              The language that you seize onto, to say that puberty
         blockers did not improve mental health more than mental
     18
     19
         healthcare did on its own --
14:13:43 20
         Α
              Right.
              -- was the statement in the study that most predictors did
     2.1
     22
         not reach statistical significance.
     23
               Well, I wouldn't say that I derived that just from that
     24
         sentence. It's just easier to convey that idea to readers by
14:13:56 25
         using the sentence. My evaluation of the study is by those
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statistics directly.
      1
      2
              All right. Let's go to the language in the study that
      3
         they talk about, the regression analysis that you were just
         referencing there.
      4
14:14:11 5
              Okay. And this is here in the regression analysis.
              Let me first say this: The mean changes over time. And
      6
      7
         it does say, Mean depression scores decreased. Quality of life
         improved, but did not reach statistical significance.
      8
      9
              But then when you go on to the regression analysis, here
         is what it says. It says, Given our modest sample size --
14:14:39 10
     11
         which in this case was 50 people, right?
     12
              Yes.
              Given our modest sample size, particularly when stratified
     13
         by gender, most predictors did not reach statistical
14:14:57 15
         significance.
              So one of the contributing factors to that, of course, was
     16
     17
         the size of the number of participants, correct?
     18
              Yes. In statistics, that's a truism. The precision of
         the statistics is the direct -- direct result of the sample
14:15:20 20
         size.
              Okay. And then it goes on to say, That being said, effect
     2.1
     22
         sizes values were notably large in many models. In the male to
     23
         female participants, only puberty suppression reached a
     24
         significance level. And it gives the number in one of the
         sample -- one of the tests, and associations with the two other
14:15:43 25
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                             Federal Official Court Reporter
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scores approached significance.
      1
      2
              And then it goes on to say, For female to male
       3
         participants, only cross-sex hormone therapy approached
       4
         statistical significance.
14:15:57 5
              All right. Statistical significance are not -- on all
         planes, the numbers improved, correct?
      6
      7
               No. That's -- the very meaning of determining --
          factoring in whether something is statistically significant or
      8
      9
         not.
              Ultimately, the writers of this study stated, if you look
14:16:15 10
     11
         at the next paragraph -- or look on the discussion part if you
     12
         want -- can you see the screen up here?
              Oh, I have the same thing on this screen.
     13
     14
              Oh. You have got one. Okay, good.
              Our results suggest that endocrine intervention is
14:16:31 15
     16
         associated with improved mental health among transgender youth.
     17
              Did I read that right?
     18
              Yes. Those are their words.
     19
               Doctor, to be clear, you agree that the U.S.-based medical
         association guidelines and position statements are in support
14:17:15 20
         for the use of medical treatment combined with mental health
     21
     22
         treatment for adolescents with gender dysphoria, correct?
     23
               I don't think I would phrase it quite that strongly. Most
     24
         of the associations are using relatively vague terms. And it's
         not clear when they're talking about adults or children, when
14:17:35 25
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And the Dutch approach is also, I believe, what you call 1 Q 2 that watchful waiting approach? 3 Α No. Okay. The Dutch approach is what is accepted -- I have 4 14:19:24 5 already said what you said. 6 The Dutch approach says social transition can happen at 7 age 12, puberty blockers may be prescribed at age 12, hormones at age 16, and then resolve other mental health issues before 8 transition. That's the Dutch method? 9 Yes. 14:19:43 10 Α 11 Do you know how that approach aligns with protocols that 12 are utilized at UAB Children's in Alabama? I don't know. 13 14 In any event, what you say is internationally the most 14:20:03 15 widely-respected and utilized method for treatment of children 16 who present with gender dysphoria, you would agree that that 17 approach would be a felony in Alabama with this new law, 18 correct? 19 Yes. It's true that the Alabama law didn't leave an 14:20:26 20 exception for research purposes. Okay. So let's talk about the European countries that you 2.1 22 mentioned very briefly, the UK, Finland, Sweden and France. 23 When you look at those four European countries, Doctor, 24 not one of them has enacted a ban to puberty blockers and hormone treatments as Alabama has done here, correct? 14:20:46 25 Christina K. Decker, RMR, CRR Federal Official Court Reporter

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```
No.
      1
         Α
      2
              That's not correct?
              Correct. That is not correct.
      3
               UK has not fully banned puberty blockers and hormone
      4
14:21:00 5
         treatments in youth 18 and younger?
         Α
              That's correct.
      6
      7
              Finland has not banned -- let me ask it this way: Has
         Finland banned blockers and hormone treatments in youth ages 18
      8
         and under for gender dysphoria?
      9
              Yes, I believe it has.
14:21:16 10
     11
              It has?
     12
              I believe so.
              A blanket ban? Should I refer you to paragraph 131 of
     13
     14
         your declaration, sir?
14:21:47 15
              Hang on. That's just where I am now.
     16
         Q
              Okay.
     17
              Oh, yes, they did leave an exception for hormones.
         total ban was on surgery.
     18
     19
              Thank you, sir.
              Sweden, has Sweden put an absolute ban on puberty
14:22:05 20
         blockers?
     2.1
     22
         Α
              Yes.
     23
              And bear with me. Have they put a ban on puberty blockers
     24
         and hormone treatments in youth ages 18 and under for gender
         dysphoria in Sweden?
14:22:23 25
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18 and under?
       1
          Α
       2
              Yes, sir.
       3
               No. They allowed exceptions for 16 year olds -- 16 year
          olds within research circumstances.
       4
14:22:32 5
               Has France banned the use of puberty blockers and hormone
          treatments for adolescents ages 18 and under?
       6
       7
          Α
              No.
               Can you point me to a single country, Doctor, in Europe
       8
         that has put a blanket ban on the use of puberty blockers or
         hormone treatments for youth ages 18 and under for gender
14:22:50 10
     11
          dysphoria?
     12
               Blanket ban in the way you're describing it, no.
     13
                   THE COURT: How about any country?
     14
                   THE WITNESS: No, not that I know of.
14:23:04 15
         BY MS. EAGAN:
     16
               I want to turn very briefly to the subject of -- I will
     17
          use your word desistance.
     18
               If you turn to paragraph 36 of your declaration.
     19
          Α
               Yes.
14:23:36 20
               In that -- you state, Among prepubescent children who feel
     2.1
          gender dysphoric, the majority cease to want to be the other
     22
          gender over the course of puberty ranging from 61 to 80 percent
     23
          desistance across the large prospective studies.
     24
               I know that's a point that you also raised earlier today.
14:23:59 25
               So I want to ask this question: Of those that number, do
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                             Federal Official Court Reporter
                                  101 Holmes Avenue, NE
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you know, Doctor, what percentage of those kids cease to want
      1
      2
         to be the other gender -- that's using your words -- before or
       3
         as they enter puberty, in other words, before they actually get
         into puberty? Do you know how many of those desisters are in
      4
14:24:27 5
         that window?
               I must not be understanding your question, because it
      6
      7
         makes me want to say the same number that's in the report, 61
         to 88 percent. What's different from what I said and what
      8
      9
         vou're asking?
               The 61 to 88 percent, is that children that realign with
14:24:39 10
     11
          their birth sex before -- or as they're entering into puberty,
     12
         that's that number?
     13
               Yes.
     14
              Okay. All right. So I want to focus on a different
14:25:01 15
         category of youth. Let me ask you this: The medications in
     16
         the United States, puberty blockers and hormone treatments
     17
         cannot be given to kids for gender dysphoria until after
         they've actually entered into puberty, correct?
     18
     19
              Very many clinics are doing it as close to the beginning
14:25:23 20
         as soon as puberty starts as they are able.
              But it's once they have entered puberty?
     2.1
     22
              Yes.
         Α
     23
              So let me ask you about that category of youth.
     24
              And that is adolescents who have entered into puberty,
         okay, and who have been -- have suffered from gender dysphoria
14:25:38 25
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                             Federal Official Court Reporter
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persistently, consistently, and insistently in childhood
      1
      2
         leading up to puberty, okay?
      3
              Okay.
              Do you have any data regarding what percentage of those
      4
         individuals desist after they enter into puberty?
14:25:58 5
              No. I don't think that level of follow-up has yet been
      6
      7
          conducted.
              And, Doctor, in fact, it's your belief that the
      8
         majority -- that while the majority of prepubescent kids cease
         to feel trans, you know, to puberty or during puberty, in other
14:26:35 10
     11
          words, as they enter into puberty, the majority of kids who
     12
          continue to feel trans after puberty rarely cease?
     13
              That does seem to be the case, yes.
     14
               Okay. Doctor, are you being paid to be here to testify
14:27:10 15
         today?
     16
               Yes.
     17
              What's your rate?
          Q
     18
              400 an hour.
         Α
     19
          Q.
              Who is paying your fees?
               The Alabama state -- State of Alabama.
14:27:14 20
     2.1
               Okay. Dr. Cantor, have you attempted to recruit parents
     22
         in Alabama whose children have gender dysphoria and were
     23
         prescribed or referred to gender-affirmative treatments, have
     24
         you tried to recruit them to give a witness statement in this
          case that they believe the treatments are harmful?
14:27:38 25
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```
No.
      1
         Α
      2
              Do you tweet?
      3
              Yes.
       4
                   MS. EAGAN: Your Honor, may I approach?
14:27:49 5
                   THE COURT: Yes.
         BY MS. EAGAN:
      6
      7
              Doctor, I've marked as Plaintiffs' Exhibit 45 a tweet
         Dr. James Cantor retweeted. And it's -- let me say this:
      8
      9
         this a tweet that you actually did?
              No. I --
14:28:40 10
     11
              You retweeted?
     12
              Retweeted, exactly.
              From a group called Genspect, or what's -- I don't tweet.
     13
         Would you call that a group? I guess it's a group called
14:28:56 15
         Genspect?
     16
              It's there is a group called Genspect, and this is their
     17
         Twitter account.
     18
              All right. And then you retweeted it?
     19
              Yes.
              And it says, Urgent. Attention. Alabama parents, if your
14:29:03 20
     2.1
         child experienced gender dysphoria and was prescribed or
     22
         referred to gender-affirmative treatments and you believe these
     23
         treatments are harmful, please direct message, e-mail us at
     24
         once. We are looking for witness statements. Can be anon.
14:29:26 25
               By anon, I guess that means anonymous, correct?
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                             Federal Official Court Reporter
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That would be my reading, yes.
       1
          Α
       2
               All right. Doctor, have you seen a sworn statement under
       3
          penalty of perjury for any Alabama parent whose kid received
          puberty blockers or hormones and the parent said the
14:29:50 5
         medications hurt their kid more than they helped them?
               I'm sorry. Did you ask have I seen such a statement?
       6
       7
              Yes, sir.
               Not that I recall.
       8
       9
                   MS. EAGAN:
                               Nothing further.
                   THE COURT: Any redirect?
14:30:05 10
      11
                   MR. DAVIS: Short.
      12
                   THE COURT: Ms. Eagan, did you intend to offer that
          into evidence or no?
      13
      14
                   MS. EAGAN:
                                Oh, yes. Thank you, Judge.
          Plaintiffs' Exhibit 45.
14:30:37 15
      16
                   THE COURT: It will be admitted.
      17
                                REDIRECT EXAMINATION
          BY MR. DAVIS:
      18
      19
               Dr. Cantor?
14:30:51 20
               Hi.
      21
               Is it true as a clinician you are not treating anyone who
      22
          has presented with gender dysphoria as an adult or as a child?
      23
               I treat adults with gender dysphoria, not children.
      24
               You are not treating them while they are adolescents or
14:31:09 25
          children, you are not currently treating someone who is like
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1	<u>CERTIFICATE</u>	
2		
3		
4	I certify that the foregoing is a correct	
5	transcript from the record of proceedings in the	
6	above-entitled matter.	
7		
8		
9		
10	Christina Kilecker 05-08-2022	
11	Garvalina & AllCher 05-08-2022	· -
12	Christina K. Decker, RMR, CRR Date	
13	Federal Official Court Reporter	
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