# **Exhibit** A

## IN THE UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF GEORGIA

EMMA KOE, et al.,

Plaintiffs,

v.

CAYLEE NOGGLE, et al.,

Defendants.

## CORPORATE DISCLOSURE STATEMENT

2. No corporations hold any stock in AAP, APA, AACAP, AAMC,

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#### STATEMENT OF INTEREST OF AMICI CURIAE

Amici curiae are the American Academy of Pediatrics, the Academic Pediatric Association, the American Academy of Child & Adolescent Psychiatry, the Association of American Medical Colleges, the American Academy of Family Physicians, the American Academy of Nursing, the American Association of Physicians for Human Rights, Inc. d/b/a GLMA: Health Professionals Advancing LGBTQ+ Equality, the American College of Obstetricians and Gynecologists, the American College of Osteopathic Pediatricians, the American College of Physicians, the American Pediatric Society, Association of Medical School Pediatric Department Chairs, Inc., the Endocrine Society, the National Association of Pediatric Nurse Practitioners, the Pediatric Endocrine Society, the Societies for Pediatric Urology, the Society for Adolescent Health and Medicine, the Society for Pediatric Research, the Society of Pediatric Nurses, and the World Professional Association for Transgender Health (collectively, "amici").

*Amici* are professional medical and mental health organizations seeking to ensure that all adolescents, including those with gender dysphoria, receive the optimal medical and mental health care they need and deserve. *Amici* represent thousands of healthcare providers who have specific expertise with the issues raised in this brief. The Court should consider *amici*'s brief because it provides important expertise and addresses misstatements about the treatment of transgender

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adolescents.

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## **INTRODUCTION**

On March 23, 2023, the Georgia Governor signed S.B. 140 (the "Healthcare

Ban"), a law that

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debilitating anxiety, depression, and self-harm, and is associated with higher rates of suicide. As such, the effective treatment of gender dysphoria saves lives.

The widely accepted recommendation of the medical community, including that of the respected professional organizations participating here as *amici*, is that the standard of care for treating gender dysphoria is "gender-affirming care."<sup>5</sup> Gender-affirming care is care that supports an individual with gender dysphoria as they explore their gender identity—in contrast with efforts to change the individual's gender identity to match their sex assigned at birth, which are known to be ineffective and harmful.<sup>6</sup> For adolescents with persistent gender dysphoria that worsens with the onset of puberty, gender-affirming care may include medical interventions to align their physiology with their gender identity. Empirical evidence indicates that gender-affirming care, including gender-affirming medical interventions provided to carefully evaluated patients who meet diagnostic criteria, can alleviate clinically significant distress and lead to significant improvements in

https://publications.aap.org/pediatrics/article/142/4/e20182162/37381/Ensuring-Comprehensive-Care-and-Support-for.

<sup>&</sup>lt;sup>5</sup> *Id.* at 10.

<sup>&</sup>lt;sup>6</sup> See, e.g., Christy Mallory et al., *Conversion Therapy and LGBT Youth*, Williams Inst. (June 2019), https://williamsinstitute.law.ucla.edu/wp-content/uploads/Conversion-Therapy-Update-Jun-2019.pdf.

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particular gender.<sup>8</sup> Most people have a gender identity that aligns with their sex assigned at birth.<sup>9</sup> However, transgender people have a gender identity that does not align with their sex assigned at birth.<sup>10</sup> In the United States, it is estimated that approximately 1.4 million individuals are transgender.<sup>11</sup> Of these individuals, approximately 10% are teenagers aged 13 to 17.<sup>12</sup>

significant distress that can lead to "impairment in peer and/or family relationships, school performance, or other aspects of their life."<sup>14</sup> Gender dysphoria is a formal diagnosis under the American Psychiatric Association's Diagnostic and Statistical Manual (DSM-5-TR).<sup>15</sup>

Adolescents with gender dysphoria are not expected to identify later as their sex assigned at birth.<sup>16</sup> Instead, "[1]ongitudinal studies have indicated that the emergence or worsening of gender dysphoria with pubertal onset is associated with a very high likelihood of being a transgender adult."Iysc0.402 d[(4 -0 0 14.04 20Tm()Tj0 Tw

and young adults reported having engaged in self-harm during the preceding 12

when gender dysphoria is untreated.<sup>23</sup>

#### A. The Gender Dysphoria Treatment Guidelines Include Thorough Mental Health Assessments and, for Some Adolescents, Medical Interventions.

The treatment protocols for gender dysphoria are laid out in established, evidence-based clinical guidelines: (i) the Endocrine Society Clinical Practice Guideline for Endocrine Treatment of Gender-Dysphoric/Gender-Incongruent Persons, and (ii) the WPATH Standards of Care for the Health of Transsexual, Transgender, and Gender-Nonconforming People (together, the "Guidelines").<sup>24</sup> The Guidelines have been developed by expert clinicians and researchers who have worked with patients with gender dysphoria for many years.

The Guidelines provide that all youth with gender dysphoria should be evaluated, diagnosed, and treated by a qualified health

### 1. A Robust Diagnostic Assessment Is Required Before Medical Interventions Are Provided.

According to the Guidelines, gender-affirming care for adolescents begins with a thorough evaluation by a HCP who: (1) is licensed by their statutory body adolescent has demonstrated a sustained and persistent pattern of gender nonconformity or gender dysphoria; (3) the adolescent has demonstrated the emotional and cognitive maturity required to provide informed consent for treatment; (4) any coexisting psychological, medical, or social problems that could interfere with diagnosis, treatment, or the adolescent's ability to consent have been addressed; (5) the adolescent has been informed of the reproductive effects of treatment in the context of their stage in pubertal development and discussed fertility preservation options; and (6) the adolescent has reached Tanner stage 2 of puberty to initiate pubertal suppression.<sup>31</sup> Further, a pediatric endocrinologist or other clinician experienced in pubertal assessment must (7) agree with the indication for treatment, (8) confirm the patient has started puberty, and (9) confirm that there are no medical contraindications.<sup>32</sup>

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may be used to initiate puberty consistent with the patient's gender identity.<sup>40</sup> Hormone therapy involves using gender-affirming hormones to allow adolescents to develop secondary sex characteristics consistent with their gender identity.<sup>41</sup> Hormone therapy is only prescribed when a qualified mental health professional has confirmed the persistence of the patient's gender dysphoria, the patient's mental capacity to assent to the treatment, and that any coexisting problems have been addressed.<sup>42</sup> A pediatric endocrinologist or other clinician experienced in pubertal induction must also agree with the indication, and the patient and their parents or guardians must be informed of the potential effects and side effects and give their informed consent.<sup>43</sup> Although some of the changes caused by hormone therapy become irreversible after those secondary sex character (t)5.5 (e)0.6nBa h s

close monitoring to mitigate any potential risks.<sup>45</sup> Decisions regarding the appropriate treatment for each patient with gender dysphoria are made in consultation with the patient, their parents or guardians, and the medical and mental health care team. There is "no one-size-fits-all approach to this kind of care."<sup>46</sup>

#### **B.** The Guidelines for Treating Gender Dysphoria Were Developed Through a Robust and Transparent Process, Employing the Same Scientific Rigor That Underpins Other Medical Guidelines.

The Guidelines are the product of careful and robust deliberation following the same types of processes—and subject to the same types of rigorous requirements—as other guidelines promulgated by *amici* and other medical organizations.

For example, the Endocrine Society's Guidelines were developed following a 26-step, 26-month drafting, comment, and review process.<sup>47</sup> The Endocrine Society imposes strict evidentiary requirements based on the internationally recognized Grading of Recommendations Assessment, Development and Evaluation (GRADE) system.<sup>48</sup> That GRADE assessment is then reviewed, re-reviewed, and reviewed

<sup>&</sup>lt;sup>45</sup> See Endocrine Soc'y Guidelines, *supra* note 24, at 3871, 3876.

<sup>&</sup>lt;sup>46</sup> Martin, *supra* note 7, at 1.

<sup>&</sup>lt;sup>47</sup> See, e.g., Endocrine Soc'y Guidelines, *supra* note 24, at 3872–73 (high-level overview of methodology).

<sup>&</sup>lt;sup>48</sup> See Gordon Guyatt et al., *GRADE Guidelines: 1. Introduction - GRADE Evidence Profiles and Summary of Findings Tables*, 64 J. CLINICAL EPIDEMIOLOGY 383 (2011),

again by multiple, independent groups of professionals.<sup>49</sup> Reviewers are subject to strict conflict of interest rules, and there is ample opportunity for feedback and debate through the years-long review process.<sup>50</sup> Further, the Endocrine Society continually reviews its own guidelines and recently determined that the 2017 transgender care guidelines continue to reflect the best, most up-to-date available evidence.

First published in 1979, the WPATH Standards of Care are currently in their 8th Edition. The current Standards of Care are the result of a robust drafting, comment, and review process that collectively took five years.<sup>51</sup> The draft guidelines went through rigorous review and were publicly available for discussion and debate, receiving a total of 2,688 comments.<sup>52</sup> 119 authors were ultimately involved in the final draft, including feedback from experts in the field as well as

https://apo.who.int/docs/librariesprovider11/publications/supplementarymaterial/hsr-synthesis-guyatt-2011.pdf; Gordon H. Guyatt et al., *GRADE: An Emerging Consensus on Rating Quality of Evidence and Strength of Recommendations*, 336 BMJ 924 (2008), https://pubmed.ncbi.nlm.nih.gov/18436948/.

<sup>&</sup>lt;sup>49</sup> Endocrine Soc'y, *Methodology*, https://www.endocrine.org/clinical-practice-guidelines/methodology.

<sup>&</sup>lt;sup>50</sup> *See id.* 

<sup>&</sup>lt;sup>51</sup> See WPATH Guidelines, supra note 24, at S247–51.

<sup>&</sup>lt;sup>52</sup> *See id.* 

from transgender individuals and their families.<sup>53</sup>

## C. Scientific Evidence Indicates the Effectiveness of Treating Gender Dysphoria According to the Guidelines.

Multiple studies indicate that adolescents with gender dysphoria who receive gender-affirming medical care experience improvements in their overall wellbeing.<sup>54</sup> Nine studies have been published that investigated the use of puberty blockers on adolescents with gender dysphoria,<sup>55</sup> and nine studies have been

<sup>55</sup> See, e.g., Christal Achille et al., Longitudinal Impact of Gender-Affirming Endocrine Intervention on The Mental Health and Wellbeing of Transgender Youths: Preliminary Results, 8 INT'L J PEDIATRIC ENDOCRINOLOGY 1–5 (2020), https://pubmed.ncbi.nlm.nih.gov/32368216; Polly Carmichael et al., Short-Term Outcomes of Pubertal Suppression in a Selected Cohort of 12 to 15 Year Old Young People With Persistent Gender Dysphoria in the UK, 16(2) PLOS ONE e0243894 (2021), https://pubmed.ncbi.nlm.nih.gov/33529227; Rosalia Costa et al., Psychological Support, Puberty Suppression, and Psychosocial Functioning in Adolescents with Gender Dysphoria, 12(11) J. SEXUAL MED. 2206–2214 (2015), https://pubmed.ncbi.nlm.nih.gov/26556015; Annelou L.C. de Vries et al., Puberty Suppression in Adolescents with Gender Identity Disorder: A Prospective Followup Study, 8(8) J. SEXUAL MED. 2276–83 (2011), https://pubmed.ncbi.nlm.nih.gov/2646177; Appelou L.C. de Vries et al., Young

https://pubmed.ncbi.nlm.nih.gov/20646177; Annelou L.C. de Vries et al., Young Adult Psychological Outcome After Puberty Suppression And Gender Reassignment, 134(4) PEDIATRICS 696–704 (2014),

https://pubmed.ncbi.nlm.nih.gov/25201798; Laura E. Kuper, et al., *Body Dissatisfaction and Mental Health Outcomes of Youth on Gender-Affirming Hormone Therapy*, 145(4) PEDIATRICS e20193006 (2020),

https://pubmed.ncbi.nlm.nih.gov/32220906; Jack L. Turban et al., *Pubertal Suppression For Transgender Youth And Risk of Suicidal Ideation*, 145(2) PEDIATRICS e20191725 (2020),

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7073269; Anna I.R. van der

<sup>&</sup>lt;sup>53</sup> See id.

<sup>&</sup>lt;sup>54</sup> See Martin, supra note 7, at 2.

with gender dysphoria published in 2011 found that treatment with puberty blockers was associated with decreased depression and improved overall functioning.<sup>63</sup> A six-year follow-up study of 55 individuals from the 2011 study found that subsequent treatment with hormone therapy followed by surgery in adulthood was associated with a statistically significant decrease in depression and anxiety.<sup>64</sup> "Remarkably, this study demonstrated that these transgender adolescents and young adults had a sense of well-being that was equivalent or superior to that seen in age-matched controls from the general population."<sup>65</sup>

that conforms with the recognized standard of care."66

## D. The Legislative Findings Are Factually Inaccurate and Ignore the Recommendations of the Medical Community.

To justify the Healthcare Ban, the Georgia Legislature makes a number of findings which are factually incorrect and contradicted by the available scientific evidence. In particular, the Georgia Legislature misstates the level of detransitioning for transgender youth which is quite low for adolescents with gender dysphoria, the group eligible for medical interventions under the Guidelines. The Georgia Legislature also incorrectly finds that "wait-and-see," an approach that could do immense harm, is the preferred treatment for transgender adolescents with gender dysphoria.

## 1. The Vast Majority of Adolescents Diagnosed With Gender Dysphoria Will Persist Through Adulthood.

The Georgia Legislature incorrectly justifies the Healthcare Ban based on a claim that "[a] significant portion of children with gender dysphoria do not persist

<sup>&</sup>lt;sup>66</sup> Brandt ex rel. Brandt v. Rutledge, 47 F.4th 661, 671 (8th Cir. Aug. 25, 2022); see also Brandt v. Rutledge, 551 F. Supp. 3d 882, 890 (E.D. Ark. 2021) ("The consensus recommendation of medical organizations is that the only effective treatment for individuals at risk of or suffering from gender dysphoria is to provide gender-affirming care."); see also Doe v. Ladapo, --- F. Supp. 3d ----, 2023 WL 3833848, at \*14 (N.D. Fla. June 6, 2023) (enjoining enforcement of a similar Florida statute and set of rules, finding that "[t]he great weight of medical authority supports these treatments").

come to identify with their sex assigned at birth. Instead, the most common reported factors that contribute to a person's choice to detransition, are factors such as pressure from parents and discrimination.<sup>73</sup>

## 2. There Is No Accepted Protocol of "Wait-and-See" for Adolescents With Gender Dysphoria.

The Georgia Legislature also endorses a "wait-and-see" approach which it incorrectly characterizes as a "do no harm" approach.<sup>74</sup>

III. The Healthcare Ban Would Irreparably Harm Many Adolescents with Gender Dysphoria By Denying Them the Treatment They Need.

The Healthcare Ban denies adolescents with gender dysphoria in Georgia access to medical interventions that are designed to improve health outcomes and alleviate suffering and that are grounded in science and endorsed by the medical community. The medical treatments prohibited by the Healthcare Ban can be a crucial part of treatment for adolescents with gender dysphoria and necessary to preserve their health.

As discussed above, research shows that adolescents with gender dysphoria who receive puberty blockers and/or hormone therapy experr2one thero mes and preliminary injunction should be granted.

Respectfully submitted, this 3rd day of July,

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### **CERTIFICATE OF COMPLIANCE**

Pursuant to Local Civil Rule 7.1(D), I hereby certify that the foregoing Brief

has been prepared with Times New Roman font in 14-point type, as approved by

the Court in Local Civil Rule 5.1(C).

/s/ Meredith C. Kincaid

Meredith C. Kincaid Georgia Bar. No. 148549

#### **CERTIFICATE OF SERVICE**

I hereby certify that the foregoing **Brief of** *Amici Curiae* **American Academy of Pediatrics and Additional National and State Medical and Mental Health Organizations in Support of Plaintiffs' Motion for Temporary Restraining Order & Preliminary Injunction** was served by electronic service upon counsel of record on July 3, 2023.

/s/ Meredith C. Kincaid