IN THE UNITED STATES DISTRICT COURT FOR THE NORTHERN DISTRICT OF FLORIDA

GLMA, ACOG, ACOP, ACP, AMA, APS, APA, AAMC, AMSPDC, the Endocrine Society, FCAAP, NAPNAP, PES, SPU, SAHM, SPR, SPN, and WPATH, respectively, have no parent corporation.

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STATEMENT OF INTEREST OF AMICI CURIAE

Amici curiae are the American Academy of Pediatrics ("AAP"), the Academic Pediatric Association, the American Academy of Child & Adolescent Psychiatry ("AACAP"), the American Academy of Family Physicians ("AAFP"), the American Academy of Nursing ("AAN"), the American Association of Physicians for Human Rights, Inc. d/b/a GLMA: Health Professionals Advancing LGBTQ+ Equality ("GLMA"), the Ameront Ps(n A)8.1af(n

Amici are professional medical and mental health organizations seeking to ensure that all individuals, including those with gender dysphoria, receive the optimal medical and mental healthcare 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 e issun98b8.5 (set)0.5 (-3.2 (e)99.1t (su)92(dic)3.6 (a)2.n)8.3 (e)3.6 (is)8.4 me Ceb 3.2Tc 0.000

INTRODUCTION

Rule 59G-1.010(7) of the Florida Administrative Code (the "Medicaid Ban") eliminates Florida Medicaid coverage for critical, medically necessary, evidencebased treatments for gender dysphoria. Denying coverage for such care effectively denies access to it for Florida Medicaid recipients who meet the requisite medical criteria, putting them at risk of significant harm. The basis for the Medicaid Ban, the Division of Florida Medicaid's June 2, 2022 "Generally Accepted Professional Medical Standards Determination on the Treatment of Gender Dysphoria" (the "GAPMS Report") ² , mischaracterizes the professionally-accepted medical guidelines for treating gender dysphoria and the guidelines' supporting evidence. Below, amici provide the Court with an accurate description of these treatment guidelines and summarize the scientific evidence supporting the medical interventions prohibited by the Medicaid Ban. While the Medicaid Ban affects all patients who are receiving treatment for gender dysphoria, this brief focuses primarily on the experience of transgender adolescents.³

Gender dysphoria is a clinical condition that is marked by distress due to an

² Available at https://www.ahca.myflorida.com/letkidsbekids/docs/AHCA GAPMS June 2022 Report.pdf.

³ Because this brief focuses primarily on adolescents, it does not discuss surgeries that are typically available to transgender adults.

incongruence between the patient's gender identity (i.e., the innate sense of oneself as being a particular gender) and sex assigned at birth. This incongruence can lead to clinically significant distress and impair functioning in many aspects of the patient's life.⁴ If not treated, or treated improperly, gender dysphoria can result in debilitating anxiety, depression, and self-harm, and is associated with higher rates of suicide. Asdebi(c)3 Tcn3.pr2.1 (nde)1om1 Td8 anlr

interventions to align their physiology with their gender identity. Empirical evidence indicates that gender-affirming care, including gender-affirming medical interventions, in carefully evaluated patients who meet diagnostic criteria can alleviate clinically significant distress and lead to significant improvements in the mental health and overall well-being of adolescents with gender dysphoria.⁷

The Medicaid Ban disregards this medical evidence by precluding Florida Medicaid reimbursement for the treatment of patients with gender dysphoria in accordance with the accepted standard of care. Accordingly, *amici* urge this Court to deny Defendants' motion for summary judgment.

ARGUMENT

This brief first provides background on gender identity and gender dysphoria. It then describes the professionally-accepted medical guidelines for treating gender dysphoria as they apply to adolescents, the scientifically rigorous process by which these guidelines were developed, and the evidence that supports the effectiveness of this care for adolescents with gender dysphoria. Finally, the brief corrects multiple inaccuracies in the GAPMS Report, and explains how the Medicaid Ban would irreparably harm adolescents with gender dysphoria by denying crucial care to those who need it.

⁷ See Martin, infra note 32, at 2.

I. Understanding Gender Identity and Gender Dysphoria.

A person's gender identity is a person's deep internal sense of belonging to a particular gender.⁸ Most people have a gender identity that aligns with their sex assigned at birth.⁹ However, transgender people have a gender identity that does not align with their sex assigned at birth.¹⁰ In the United States, it is estimated that approximately 1.4 million individuals are transgender.¹¹ Of these individuals, approximately 10% are teenagers aged 13 to 17.¹² Individuals often start to understand their gender identity during prepubertal childhood and adolescence.

Today, there is an increasing understanding that being transgender is a normal variation of human identity. ¹³ However, many transgender people suffer from

⁸ AAP Policy Statement, *supra* note 4, at 2 tbl.1.

⁹ See Am. Psychological Ass'n, *Guidelines for Psychological Practice with Transgender and Gender Nonconforming People*, 70(9) AMERICAN PSYCHOLOGIST 832, 862 (2015) (hereinafter, "Am. Psychological Ass'n Guidelines"), https://www.apa.org/practice/guidelines/transgender.pdf.

¹⁰ See id. at 863.

¹¹ See Jody L. Herman et al., Ages of Individuals Who Identify as Transgender in the United States, Williams Inst., at 2 (Jan. 2017), http://williamsinstitute.law.ucla.edu/wp-content/uploads/Age-Trans-Individuals-Jan-2017.pdf.

¹² *See id.* at 3.

¹³ James L. Madara, *AMA to States: Stop Interfering in Healthcare of Transgender Children*, Am. Med. Ass'n (Apr. 26, 2021), https://www.ama-assn.org/presscenter/press-releases/ama-states-stop-interfering-health-care-transgender-children; *see also* Am. Psychological Ass'n, *APA Resolution on Gender Identity Change Efforts*, 4 (Feb. 2021), https://www.apa.org/about/policy/resolution-gender-

12 months.¹⁹ The statistics are similar for transgender adults.²⁰

II. The Widely Accepted Guidelines for Treating Adolescents with Gender Dysphoria Provide for Medical Interventions When Indicated.

The widely accepted view of the professional medical community is that gender-affirming care is the appropriate treatment for gender dysphoria and that, for some adolescents, gender-affirming medical interventions are necessary.²¹ This care greatly reduces the negative physical and mental health consequences that result

¹⁹ See Michelle M. Johns et al., Transgender Identity and Experiences of Violence Victimization, Substance Use, Suicide Risk, and Sexual Risk Behaviors Among High School Students–19 States and Large Urban School Districts, 2017, US Dep't of Health and Human Servs., Centers for Disease Control & Prevention, 68 MORBIDITY & MORTALITY WKLY. REP.

when gender dysphoria is untreated.²²

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

The treatment proto

appropriately individualized.²⁶ This assessment must be conducted collaboratively with the patient and their caregiver(s).²⁷

2. The Guidelines Recommend Only Non-Mew @Td[T]& .1 (d)

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.³⁰ Further, a pediatric endocrinologist or other clinician experienced in pubertal assessment must (7) agree with the indication for treatment, (8

may be used to initiate puberty consistent with the patient's gender identity.³⁸ Hormone therapy involves using gender-affirming hormones to allow adolescents to develop secondary sex characteristics consistent with their gender identity. 39 Hormone therapy is only prescribed when a qualified mental health professional ("MHP") 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.⁴⁰ 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.⁴¹ Although some of the changes caused by hormone therapy become irreversible after those secondary sex characteristics are fully developed, others are partially reversible if the patient discontinues use of the hormones.⁴²

The Guidelines contemplate that the prescription of puberty blockers and/or hormone therapy be coupled with education on the safe use of such medications and

³⁸ Martin, *supra* note 32, at 2.

³⁹ See AAP Policy Statement, supra note 4, at 6.

⁴⁰ Endocrine Soc'y Guidelines, *supra* note 23, at 3878 tbl.5.

⁴¹ See id.

⁴² See AAP Policy Statement, supra note 4, at 5–6.

close monitoring to mitigate any potential risks. ⁴³ 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."⁴⁴

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. The Endocrine Society imposes strict evidentiary requirements based on the internationally recognized Grading of Recommendations Assessment, Development and Evaluation (GRADE) system. That GRADE assessment is then reviewed, re-reviewed aA a Evao.4 (o)-8.3 (a)-46

again by multiple, independent groups of professionals.⁴⁷ Reviewers are subject to strict conflict of interest rules, and there is ample opportunity for feedback and

from transgender individuals and their families.⁵¹

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 well-being.⁵² Nine studies have been published that investigated the use of puberty blockers on adolescents with gender dysphoria, ⁵³ and nine studies have been

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

⁵¹ See id.

⁵² See Martin, supra note 33, at 2.

⁵³ 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 Follow-Up Study, 8(8) J. Sexual Med. 2276–2283 (2011),

published that investigated the use of hormone therapy to treat adolescents with gender dysphoria.⁵⁴ These studies find positive mental health outcomes for those adolescents who received puberty blockers or hormone therapy, including statistically significant reductions in anxiety, depression, and suicidal ideation.⁵⁵

https://pubmed.ncbi.nlm.nih.gov/35212746/.

Miesen, Psychological Functioning in Transgender Adolescents Before and After Gender-Affirmative Care Compared With Cisgender General Population Peers, 66(6) J. Adolescent Health 699–704 (2020); Diana M. Tordoff et al., Mental Health Outcomes In Transgender And Nonbinary Youths Receiving Gender-Affirming Care, 5(2) JAMA NETWORK OPEN e220978 (2022),

⁵⁴ See, e.g., Christal Achille et al., Longitudinal Impact of Gender-Affirming Endocrine Intervention on The Mental Health and Well-Being of Transgender Youths: Preliminary Results, 8 Int'l J. Pediatric Endocrinology 1–5 (2020), https://pubmed.ncbi.nlm.nih.gov/32368216; Luke R. Allen et al., Well-Being and

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⁵⁵ The data likewise indicates that adults who receive gender-affirming care

For example, a 2020 study analyzed survey data from 89 transgender adults who had access to puberty blockers while adolescents and from more than 3,400 transgender adults who did not.⁵⁶ The study found that those who received puberty blocking treatment had lower odds of lifetime suicidal ideation than those who wanted puberty blocking treatment but did not receive it, even after adjusting for demographic variables and level of family support.⁵⁷ Approximately *nine in ten* transgender adults who wanted puberty blocking treatment but did not receive it reported lifetime suicidal ideation.⁵⁸ Additionally, a longitudinal study of nearly 50 transgender adolescents found that suicidality was decreased by a statisticallysignificant degree after receiving gender-affirming hormone treatment.⁵⁹ A study published in January 2023, following 315 participants age 12 to 20 who received gender-affirming hormone treatment, found that the treatment was associated with decreased symptoms of depression and anxiety. 60

experience positive mental health outcomes. See, e.g., Zoe Aldridge et al., L (e)3A2(g 3-8 a)41 (

As another example, a prospective two-year follow-up study of adolescents with gender dysphoria published in 2011 found that treatment with puberty blockers was associated with decreased depression and improved overall functioning. 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. 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 agematched controls from the general population."

As scientists and researchers, *amici* always welcome more research, including on this crucial topic. However, the available data indicate that the gender-affirming treatments prohibited by the Medicaid Ban are effective for the treatment of gender dysphoria. As the U.S. Court of Appeals for the Eighth Circuit recently recognized

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⁶¹ See Annelou L.C. de Vries et al., Puberty Suppression in Adolescents with Gender Identity Disorder: A Prospective Follow-Up Study, 8(8) J. SEXUAL MED. 2276 (2011), https://pubmed.ncbi.nlm.nih.gov/20646177.

⁶²Annelou L.C. de Vries et al., *Young Adult Psychological outcome After Puberty Suppression and gender Reassignment*, 134(4) PEDIATRICS

in affirming an order preliminarily enjoining enforcement of a similar Arkansas law, "there is substantial evidence ... that the [Arkansas] Act prohibits medical treatment that conforms with the recognized standard of care."⁶⁴

III. The GAPMS Report Is Factually Inaccurate and Ignores the Recommendations of the Medical Community.

The GAPMS Report asserts that puberty blockers, gender-affirming hormone therapy, and gender-affirming surgeries are not consistent with professional medical standards and that there is insufficient evidence that these interventions are safe and effective. However, this assertion is premised on speculative and discredited claims about gender dysphoria and mischaracterizations of the Guidelines and scientific research regarding these gender-affirming medical interventions.

A. There is No Evidence That Gender Dysphoria Can Be Caused by Underlying Mental Illness or "Social Contagion"

The GAPMS Report speculates that mental health concerns such as depression and anxiety may cause individuals to 8.3 (i2 (d)8.3gtUn)-3.5 (n.3(n.ti)8v)87uC404 To

incongruent with their sex assigned at birth.⁶⁶ However, the report cites no evidence for this assertion, and the scientific research suggests that the reverse is true: research has shown that transgender individuals frequently experience discrimination, harassment, and even violence on account of their gender identity,⁶⁷ and that these experiences lead to mental health concerns, including, for example, depression and anxiety.⁶⁸

The GAPMS Report also claims that exposure to "peer groups and social media that emphasized transgender lifestyles" can cause "rapid-onset gender dysphoria" in adolescents.⁶⁹ However, there is no credible evidence to support this

⁶⁶ GAPMS Report, *supra* note 2, at 6. (In light of the "number of adolescents who reported anxiety and depression diagnoses prior to transitioning," the GAPMS Report asserts that "available research raises questions as to whether [individuals'] distress is secondary to pre-Vi."l1eeesuprl1evMvMl1eHol1eewests44(st)w6 (R)-3.6 (l1)-5 (M

argument. The term "rapid onset gender dysphoria" was coined in 2018 by the author of an anonymous survey of parents of transgender youth, who were recruited from websites that promote the belief that "social contagion" causes transgender identity. The survey, which is the only source cited by the GAPMS Report in support of its claim, suffers from numerous flaws and has been widely discredited. Moreover, the journal in which the survey was published subsequently published an extensive correction stating, among other things, that "[r]apid-onset gender dysphoria (ROGD) is not a formal mental health diagnosis," and that the "report did not collect data from the adolescents and young adults (AYAs) or clinicians and therefore does not validate the phenomenon."

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⁷⁰ *Id.* at 12; Lisa Littman, *Parent Reports of Adolescents and Young Adults Perceived to Show Signs of a Rapid Onset of Gender Dysphoria*. 14(3) PLOS ONE e0214157, at 2, 8–9 (Aug. 2018),

https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0202330 (stating that survey participants were recruited from the websites YouthTransCriticalProfessionals.org, TransgenderTrend.com, and 4thWaveNow.com).

⁷¹ See, e.g., Susan D. Boulware et al., Biased Science: The Texas and Alabama Measures Criminalizing Medical Treatment for Transgender Children and Adolescents Rely on Inaccurate and Misleading Scientific Claims 1, 18 (Apr. 28, 2022), https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4102374.

⁷² Lisa Littman, Correction: Parent Reports of Adolescents and Young Adults Perceived to Show Signs of a Rapid Onset of Gender Dysphoria, 14(3) PLOS ONE e0214157 (Mar. 2019),

https://journals.plos.org/plosone/article?id=10.1371% 2 Fjournal.pone. 0214157.

Significantly, the GAPMS Report does not cite or even mention this correction.⁷³

Moreover, subsequent peer-reviewed research has not found support "for a new etiologic phenomenon of rapid onset gender dysphoria during adolescence."⁷⁴ On the contrary, one recent study showed that most adolescents—nearly 70%—referred to a clinic for puberty blockers or hormone therapy had known their gender was different from the one assigned at birth for three or more years.⁷⁵ The study also showed no correlation between recent gender knowledge (defined as two years or less having passed since you "realized your gender was different from what other people called you") and support from online friends or transgender friends.⁷⁶

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⁷³ The GAPMS Report's reliance on the survey is also puzzling: According to the report, studies (such as surveys) that "rel[y] heavily" on participants' subjective responses "likely [have] biased and invalid" results. GAPMS Report. *supra* note 2, at 15.

B. The Vast Majority of Adolescents Diagnosed with Gender Dysphoria Will Persist Through Adulthood.

The GAPMS Report asserts that "the majority of young adolescents who exhibit signs of gender dysphoria eventually desist and conform to their natal sex[.]" However, the sources it cites in support of its "desistance" claim—an editorial written by James Cantor and an "assessment" that Cantor prepared for AHCS—state only that "desistance" is common among *prepubertal children* with gender dysphoria. The GAPMS Report improperly conflates prepubertal children with adolescents, which is an important distinction, as prepubertal children are not eligible under the Guidelines for any of the gender-affirming, medical interventions excluded from coverage by the Medicaid Ban. The Guidelines endorse the use of medical interventions only to treat adolescents and adults with gender dysphoria, and only when the relevant criteria are met. 80

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⁷⁷ GAPMS Report, *supra* note 2, at 14.

⁷⁸ See id. at 20, 27–28, 39; James M. Cantor, *Transgender and Gender Diverse Children and Adolescents: Fact-Checking of AAP Policy*, J. Sex & Marital Therapy 307, 308–09 (2019),

https://www.ohchr.org/sites/default/files/Documents/Issues/SexualOrientation/IES OGI/Other/Rebekah_Murphy_20191214_JamesCantor-fact-checking_AAP-Policy.pdf (hereinafter "Cantor Editorial")); James M. Cantor,

There are *no* studies to support the proposition that adolescents with gender dysphoria are likely to later identify as their sex assigned at birth, whether they receive treatment or not.⁸¹ On the contrary, "[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."⁸²

Moreover

detransition, such as pressure from parents and discrimination.⁸⁴

In addition, while the percentage of adolescents seeking gender-affirming care has increased, that percentage remains very low—only 1.8% of high-school students identify as transgender.⁸⁵ Further, research supports that this increase in adolescents seeking care is very likely the result of reduced social stigma and expanded care options.⁸⁶

C. There Is No Accepted Protocol of "Watchful Waiting" for Adolescents with Gender Dysphoria.

Based on its unsupported claim that many adolescents with gender dysphoria will eventually come to identify as their sex assigned at birth, the GAPMS Report questions the medical necessity of puberty blockers and hormone therapy for adolescents and suggests that a "watchful waiting" approach may be more appropriate. In this regard, some practiti

"watchful waiting" is not recommended for adolescents with gender dysphoria.⁸⁸ It can cause immense harm by denying these patients the evidence-based treatments that could alleviate their distress, and forcing them to experience full endogenous puberty, resulting in physical changes that may be reversed—if at all—only through surgery.

health care system covers gender-affirming care for young people. Sweden offers gender-affirming care through its national health care system, and youth in Sweden are able to access gender-affirming care when their providers deem it medically necessary. Finland also offers gender-affirming care to transgender adolescents through its national healthcare system.

Transgender youth also have access to gender-affirming care in developed

nations across the world including Australia, ⁹⁵ Canada, ⁹⁶ Denmark, ⁹⁷ Germany, ⁹⁸ Mexico, ⁹⁹ New Zealand, ¹⁰⁰ Norway, ¹⁰¹ and Spain, ¹⁰² among others. Although some of these countries have debated how best to care for transgender patients,

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CERTIFICATE OF WORD COUNT

According to Microsoft Word, the word processing system used to prepare this brief, there are 6,480 total words contained within the brief.

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CERTIFICATE OF SATISFACTION OF ATTORNEY-CONFERENCE REQUIREMENT

Pursuant to Local Rule 7.1(B), counsel for *amici* conferred with counsel for the parties on April 28, 2023. Plaintiffs and Defendants consented to the filing of *amici*'s brief.

D. Jean VetaD. Jean Veta