

Gender-Affirmative Eating Disorder Care: Clinical Considerations for Transgender and Gender Expansive Children and Youth

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ABSTRACT

Transgender and gender expansive (TGE) children and youth suffer staggering rates of discrimination and are at higher risk of developing eating disorder symptoms and behaviors than cisgender youth. This article presents an overview of current research on identified risk factors for the development of eating disorders for TGE children and youth; provides clinical considerations for professionals in providing gender-affirming, collaborative eating disorder care; outlines specific concepts for staff training and for developing gender-affirming systems of care including policies and practices; and identifies numerous resources for TGE children and youth and their families. The clinical considerations and suggested practices reflect current research and clinical practice. Both the gender-affirmative clinical field and the eating disorder field are constantly evolving, and the recommendations and resources will need ongoing updates to reflect developments in these fields. [*Pediatr Ann.* 2021;50(9):e371-e378.]

Almost every day, it seems like we're bombarded with a new law or article attacking our basic humanity for the crime of daring to live as a trans person. Listening to folks debate whether or not you are allowed to participate in social institutions that most take for granted can be an incredibly dehumanizing experience and there can be a lot of anger and/or pain that comes with that. For better or for worse, one coping mechanism when dealing with these negative emotions is to return to patterns of disordered eating.¹

This article uses the terms transgender and gender expansive (TGE) to describe any individual whose gender identity differs from their designated sex at birth, including those who identify as transgender, nonbinary, gender diverse, agender, third gender, meta-gender, genderqueer, and many more

(see **Table 1** for educational resources on key concepts and foundational information in gender care, including definitions of the terms above). This includes endosex and intersex people: research reports that more than 25% of intersex individuals identify as nonbinary and about 7.9% identify as transwomen and transmen, respectively.² Language is imperfect and there is no term or acronym that is inherently inclusive of all genders.

TGE children and youth often endure high levels of bullying, discrimination, trauma, and abuse as well as high rates of body dissatisfaction.^{3,4} The 2015 US National Transgender Discrimination Survey reported that 77% of TGE children and youth experienced mistreatment in school, including verbal harassment, physical assault, and harsher discipline.⁵ One-third of people reported discrimination in health care settings within the past

year alone, including providers refusing to use accurate name and pronouns and outright refusal of services due to transgender identity.⁵ Fifty percent of TGE respondents reported having to teach their medical providers about transgender care.⁵

A growing body of research identifies stigma and discrimination and body dissatisfaction as significant risk factors in developing eating disorder (ED) behaviors for TGE children and youth.^{6,7} In addition, TGE individuals with EDs have the highest rates of past-year self-injury, suicidal ideation, and suicide attempts, which is 24 times higher than cisgender women with EDs and 21 times higher than transgender people without EDs.⁸

TGE children and youth may develop disordered eating behaviors for many reasons. Multiple studies identify that they may engage in ED behaviors to combat or prevent the development of secondary sex characteristics during puberty or to shape their body to align more closely with their gender identity.^{4,8-13} Other reasons include lack of access to gender-affirming health care providers due to geographical, financial, or other factors; navigating pressures from cisnormative (expectation that a person's gender identity aligns with their designated sex at birth), Western, gendered body ideals; and heightened social stigma, especially for youth who face higher levels of gender-based discrimination due to visibly nonconforming gen-

der expressions.^{6,7,11,13} TGE individuals may also develop ED behaviors as coping mechanisms to navigate emotional distress and minority stress, or the stress experienced by minoritized individuals due to discrimination and prejudice. This stress is further compounded for people with multiple marginalized identities including TGE children and youth who are disabled, fat, neurodivergent (divergent in neurocognitive function, including autism, attention-deficit/hyperactivity disorder, and more), and BIPOC (Black, Indigenous, person of color).^{3,9,11} These factors are not exhaustive as existing research is based on a primarily affluent, White sample population.^{3,9}

Providers are ill-equipped to support TGE patients in treatment, largely due to a lack of training in gender-affirmative clinical care.¹⁴ Patients report negative experiences with providers, fear of disclosing their gender identity, and ineffective or harmful treatment practices.^{10,12} In a study on transgender adolescents' experiences in ED treatment specifically, 40% of patients chose not to disclose their gender identity to their providers, 10% did disclose but were ignored, and 19% of participants

reported that it was extremely difficult or impossible to find providers who specialized in both ED treatment and gender-affirming care.¹⁰ A staggering 0% of participants had a positive experience in ED treatment.¹⁰

Family acceptance and support is a primary indicator of physical and mental health for TGE children and youth.¹⁵ TGE children and youth with family support are less likely to experience mental health symptoms, and far less likely to attempt suicide; only 4% with affirming family reported suicide attempts versus 57% without affirming family.¹⁶ In fact, family support acts as a protective factor specifically against the development of EDs, even when youth are experiencing high levels of gender-based harassment and discrimination. One study identified that TGE children and youth experiencing significant discrimination and no protective factors had a 71% probability of reporting binge eating, compared to a 40% probability with family support.⁵

The Gender Affirmative Care Model (GACM) is the American Academy of Pediatrics' (AAP) suggested treatment approach for TGE children and youth.^{17,18} The GACM states that gender

variations are not disorders, that gender presentations are diverse and vary across cultures, and that mental health issues most prevalently develop from stigma and discrimination, rather than from the youth's intrinsic gender experience.¹⁸ The AAP, multiple other organizations, and current research identifies that therapies that attempt to change a youth's gender experience or expression are ineffective and harmful.¹⁷ One of the primary clinical goals of the GACM is to facilitate gender health—the opportunity to live in the gender that feels most authentic with freedom from rejection.¹⁸ Providers must seek training and consultation to equip themselves to support TGE children and youth and their families with gender exploration through the GACM.

CLINICAL CONSIDERATIONS

I have been regularly misgendered over the course of my treatment. It's kind of par for the course by now, but it's still really upsetting. Even my therapist doesn't really understand how to use my pronouns, and has referred to me as "girl" and "daughter," despite the fact I've come out to her.¹⁰

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There is currently no clear guidance for supporting TGE children and youth in ED treatment, which has historically centered thin, White, heterosexual, able-bodied, cisgender women.¹⁹ The following presents suggested practices to support TGE children and youth in ED treatment, based on clinical experience and the limited body of research.

Affirming Approaches to ED Treatment

Concurrent treatment of both gender distress and/or dysphoria and ED symptoms with a collaborative team of gender providers and ED providers is crucial. Only addressing ED symptoms in treatment may increase patient distress and is likely to make treatment ineffective.¹² Access to gender-affirming medical care for patients with dysphoria can increase body satisfaction and decrease the prevalence and severity of ED behaviors.^{6,11} All treatment must be trauma-informed due to the significant rates of harassment and discrimination faced by TGE children and youth. Establish collaborative care teams to create a patient-centered treatment plan that addresses both gender dysphoria and ED symptoms. All youth presenting with ED symptoms should be assessed for gender distress.¹²

For family members to be an effective component of treatment for TGE children and youth, their understanding of, and biases toward, gender diversity must be addressed. Include clinical goals facilitating family acceptance of the youth's gender experience, as acceptance leads to a decrease in mental health symptoms and suicide attempts.⁵ Ensure that parents and caregivers access the support they need to accurately hear their child's gender experience, support their child's gender health, and process their own emotional responses. Facilitate referrals including family therapy, support groups, psychoeducation, and commu-

TABLE 1. Resources for Education, Training, and Program Development
<p>Education and training resources</p> <ul style="list-style-type: none"> • <i>Fighting Eating Disorders in Underrepresented Populations: A Trans+ & Intersex Collective</i> https://fedupcollective.org/ • <i>Fenway Institute: The National LGBTQIA+ Health Education Center</i> https://www.lgbtqihealtheducation.org/ • <i>The Transgender Training Toolkit. A Facilitator's Guide to Increasing Knowledge, Decreasing Prejudice & Building Skills</i> http://www.teachingtransgender.org/ • <i>ProjectHEALTH: TransLine</i> http://project-health.org/transline/ • <i>Gender Education Network</i> https://gendereducationnetwork.com/ • <i>World Professional Association for Transgender Health Global Education Initiative</i> https://www.wpath.org/gei • <i>Gender Spectrum</i> https://www.genderspectrum.org
<p>Gender-inclusive practices and policies</p> <ul style="list-style-type: none"> • <i>The National LGBTQIA+ Health Education Center: Focus on Forms and Policy: Creating an Inclusive Environment for LGBT Patients</i> https://www.lgbthealtheducation.org/publication/focus-forms-policy-creating-inclusive-environment-lgbt-patients/ • <i>Gender Spectrum: Establishing Trust with Youth Seeking Gender Affirmative Medical Care</i> https://static1.squarespace.com/static/5ac6a3e8250fa23d6cb/t/5b329131575d1ff01744b94d/1530040625617/Establishing+Trust+with+Youth+Seeking+Gender+Affirmative+Medical+Care.pdf • <i>American Medical Association: Creating an LGBTQ-Friendly Practice</i> https://www.ama-assn.org/delivering-care/population-care/creating-lgbtq-friendly-practice?utm_source=twitter&utm_medium=social_ama&utm_term=2624946319&utm_campaign=PE&utm_effort=FBB001 • <i>University of California, San Francisco Transgender Care and Treatment Guidelines</i> https://transcare.ucsf.edu/guidelines

nity building (see **Figure 1** for example resources).

Careful assessment of the function of ED behaviors is a critical component of care for TGE children and youth. For example, providers often attribute a patient's desire for body modification as a symptom of body dysmorphia, rather than assessing for other potential triggers including gender dysphoria and/or seeking physical alignment with gender

identity.¹² Furthermore, many neurodivergent TGE children and youth may develop food restriction or food avoidance due to sensory sensitivities or physical discomfort upon eating and digestion.²⁰ Assess the function of the ED behavior to adequately support the patient.

ED treatment is often inaccessible for many TGE children and youth and their families and finding gender-affirming referral resources for all levels of treat-



Figure 1. Resources for transgender and gender expansive children and youth with eating disorders. Image created via sourced information from Scout Silverstein, BS, and Fighting Eating Disorders in Underrepresented Populations (personal communication, 2020).

ment (outpatient, intensive outpatient, partial hospitalization, and residential facilities) can be difficult. Higher levels of ED treatment are expensive and time-consuming.²¹ Treatment can be largely unavailable to people who need to work, attend school, or lack insurance coverage. Many treatment programs are not equipped to support gender exploration or to administer gender-affirmative

hormone therapies (GAHT) or puberty blockers, and restrooms and sleeping spaces are often segregated into “male” or “female” categories. All of these issues can be barriers to care for TGE children and youth. These barriers are much more severe for patients with multiple marginalized identities and can compound experiences of minority stress, dissatisfaction in treatment, and

avoidance of treatment.^{2,10} Professionals often misunderstand resistance to treatment as a lack of motivation when the resistance is really due to the facility’s inability (or unwillingness) to accommodate the person’s needs. Treatment facilities and individual providers need to reevaluate the measures by which they assess motivation to engage in treatment, taking into account structural barriers to care and minority stress.

Due to the significant lack of individual providers and ED treatment programs with experience in gender-affirming clinical care, it is important that a primary care provider assess each potential referral option for gender awareness. See **Figure 2** for example questions that can be used when assessing referrals. This list can also serve as a self-assessment for providers.

Considerations for Puberty, Dysphoria, and GAHT

Some TGE children and youth may experience dysphoria upon puberty and may develop ED behaviors to mitigate physical changes. Consistently assess for distress in response to puberty and support the family in exploring the applicability of gender-affirmative medical interventions if clinically indicated, like puberty blockers and GAHT. Collaborate closely with patients taking GAHT to explore their experience of resulting body changes (both desired and undesired) and how those changes may impact ED symptoms and behaviors.

Historically, the return of menses after amenorrhea has been used as an indicator of medical stabilization in ED treatment. However, some TGE adolescents may experience dysphoria related to menstruation—whether it be the presence of it (for bodies that menstruate) or the absence of it (for bodies that do not). Assess for potential distress and/or dysphoria upon the return of menses in patients who menstruate. If medical rehabilitation restores men-

ses and distress is present, birth controls, hormone blockers, and/or progesterone-releasing intrauterine devices can suppress menstruation.²² Note that not all patients with a vagina or a uterus menstruate, nor do all patients who identify as women. Do not assume a patient's anatomy based on their gender marker. See **Table 1** for resources that discuss gender-inclusive intake practices.


Nutrition Practices in ED Treatment

Traditional nutrition care practices in ED treatment include using sex-based growth charts, weight formulas, and caloric equations to monitor patient health. These reference points are dependent on the assumption that all bodies fit into cisgender “male” and “female” categories. To date, gender-inclusive growth charts, weight formulas, and caloric equations do not exist. This calls into question the efficacy of current weight restoration practices and highlights how they do not support patients of all genders.

Providers often use body mass index (BMI), a scale developed using the bodies of White, cisgender men, to determine levels of care and nutrition protocols. The scale is outdated, discriminatory, and has a limited ability to assess levels of body mass across age, gender, and race.^{23,24} There are currently no evidence-based recommendations for the use of BMI with TGE children and youth, including patients taking puberty blockers and/or GAHT.^{25,26} BMI may also be used as a gatekeeping metric for gender-affirming medical interventions. Barred access to gender-affirming medical intervention can increase distress and/or dysphoria and subsequently exacerbate ED symptoms and behaviors.²⁷

In the absence of gender inclusive tools, it is important to collaborate with the patient to identify the best approach for their body for nutrition and weight rehabilitation. This may require creative approaches that include consulting both

SPECIAL ISSUE ARTICLE





PROVIDER EXPERIENCE

- What is your experience working with transgender and gender-diverse (TGD) patients?
- What kind of LGBTQIA+ training do you require, how often, and who from your practice attends?
- Is training presented by a person with lived experience?
- What is your clinical approach to providing eating disorder care for TGD patients?

REQUIREMENTS FOR ADMISSION

- Does your practice have any requirements in place when admitting TGD patients? (Ex: specific medical intervention, legal gender marker requirements, presentation/gender expression requirements, etc.)
- What age range do you work with, and are there any specific requirements for TGD patients based on age? If so, what are they?







DISCRIMINATION POLICIES

- How do you work with staff to ensure they use correct names and pronouns?
- How do you respond to and support staff and/or other patients when they misgender or misname someone?
- Is your intake process gender inclusive? How so?
- Will the patient have to see their legal name (if different than accurate name) and/or their designated sex at birth (DSAB) on paperwork?
- Does your clinic have clear non-discrimination policies that include gender identity and expression?

ACCESS TO MEDICAL CARE

- How does your program handle medication administration, such as injectable hormones that require needles?
- What is the experience of the medical provider on staff in regards to gender-affirmative hormone therapy (GAHT) for TGD patients?





GENDER-INCLUSIVE FACILITIES

- Are restrooms gendered? Will the person have access to a private bathroom or a bathroom that aligns with their gender identity?
- Does your treatment facility have gender-specific dress code expectations?
- What are the sleeping arrangements for patients? Are they separated by DSAB? If so, does the patient have the ability to choose based on identity, safety, or comfort versus DSAB?
- Is there any possibility to have a private room?

FINANCIAL ACCESS

- Do you accept insurance?
- Do you accept Medicare/Medicaid? Do you have a scholarship fund for minoritized populations?




Figure 2. Making referrals: assessment questions for gender-affirming eating disorder care. Image created via sourced information from Ben Geilhufe, MA, LPCC, and Micah Hammond, LPCC (personal communication, 2019) and Scout Silverstein, BS, and Fighting Eating Disorders in Underrepresented Populations (personal communication, 2020).

binary sex “male” and “female” growth charts and weight formulas to determine averages that affirm a patient’s gender while providing medical stability.²⁸ This is a rapidly evolving area of clinical care and

further research and clinical practice are needed to establish best practices for using growth charts with TGE patients.

When identifying movement goals, be aware that many TGE children and youth

<p>Policies and Procedures</p> <p>Outline gender-inclusive policies for all aspects of patient care. Identify a staff member who will field complaints or experiences of gender discrimination and specify this process during patient intakes. Partner with a TGD-led advisory committee when developing clinic policies and procedures. Develop an audit system to assess staff competency in gender care as well as the clinic's gender-affirming systems.</p>	<p>Intake Paperwork</p> <p>Each staff member should identify their pronouns with each patient. This can be done verbally &/or physically - on a name tag, on office spaces, in email signatures, or during virtual sessions. If a provider identifies their pronouns, a patient may feel safer in identifying their own.</p>	<p>Staff Pronouns</p> <p>Ensure that patients have options to designate their chosen/affirmed name and pronouns, gender identity, name associated with insurance and designated sex at birth. Ensure that Intersex is an option and include a write-in space for each section.</p>	<p>Patient Name & Pronouns</p> <p>All staff should use chosen/affirmed name & pronouns with each patient. Clearly identify in their chart if name &/or pronouns differ from name on the patient's insurance information or from the patient's legal name and gender. Develop a system to communicate appropriate name and pronouns to each staff member interacting with the patient (i.e., EHR banner).</p>
<p>Physical Space</p> <p>Include gender-affirming signs in all clinic spaces (i.e. "All Genders Welcome"; "Gender Pronouns - we want to know them!") Display books, magazines, and pamphlets featuring TGD people with intersectional identities. Identify and display resources for TGD community (i.e. meal support groups or online forums. Display gender flags (i.e. trans & nonbinary flags.)</p>	<p>Virtual Space</p> <p>Outline clinic gender-affirming policies and procedures on the website. Identify staff experience supporting TGD individuals in staff bios. Consider permitting virtual peer connection with TGD support communities via electronic media for TGD youth in higher levels of care.</p>	<p>Restrooms</p> <p>Designate all single-stall restrooms as all-gender restrooms. If this is not possible, clearly identify in clinic policy that patients may access the restroom that aligns with their gender identity. Post gender-inclusive facility policy so that it is easily viewable by patients.</p>	<p>Language</p> <p>Ask patients about the language they use for their bodies, body parts, and body processes. Use gender-neutral language until a patient identifies their chosen term. Examples.: a person who is pregnant, gonads, etc. Do not assume a patient's anatomy based on their gender marker (i.e., not all men have testes and penises, not all women have a uterus).</p>

Figure 3. Examples of system-wide gender-affirming care. EHR, electronic health record; TGD, transgender and gender diverse. Image created via sourced information from Ben Geilhufe, MA, LPCC, Oliver Tripp, BA, Scout Silverstein, BS, Lindsay Birchfield, MS, RD, and Marcella Raimondo, PhD, MPH (personal communication, 2021).

do not feel safe using binary gendered locker rooms and are often denied access to gendered organized sports teams. Movement may exacerbate dysphoria or serve as a coping mechanism and a means to mitigate the physical effects of puberty.²⁹ Work closely with the patient to identify movement goals that are inclusive, affirming, and address both the patient's gender and nutrition-related needs.

STAFF TRAINING, DEVELOPING GENDER-AFFIRMING SYSTEMS OF CARE, AND FINDING RESOURCES

For some binary and nonbinary people, there is no desire to pass, beyond the necessary need to do so at times to survive.

. . . This challenges cisnormative ideas of what it means to beautiful. But challenging what beauty means has never been an easy task. I can't count the number of times I've been called a 'monster,' an 'it,' ugly, etc. I can, however, count the number of times I have been seen as desirable. I needed something to hold on to, to give me the ability to say I am desirable and worthy and loveable, setting the stage for my then disordered eating to morph into an eating disorder.³⁰

TGE children and youth are often not adequately supported in ED treatment. To address this, it is imperative that all providers (1) seek training in

the GACM, including an exploration of potential provider biases; (2) develop gender-affirming systems in all settings; and (3) identify gender-affirmative ED resources and community support.

Staff Training in the GACM

The cisnormative assumption that a cisgender identity is normal and a transgender identity is abnormal is a significant contributing factor to provider bias and a barrier to competent care for TGE patients.^{31,32} Gender diversity has been documented in cultures across the globe and throughout history.^{33,34} However, individuals who express or identify their authentic identity outside of the

gender binary—the inaccurate belief that there are only two genders and that these genders correspond with physical sex characteristics (ie, any body with testes is a man, any body with ovaries is a woman)—are often discriminated against and pathologized.^{33,34} Few treatment centers have intentionally developed gender-inclusive policies, practices, and facilities. This lack of structural, clinical, and procedural support creates stigma and increases the likelihood of discrimination for TGE patients.³² To shift this dynamic, providers must critically examine their own biases and beliefs around cisnormativity and how these biases impact their clinical services. Providers must also explore how their treatment centers uphold the structural prioritization of cisgender bodies by focusing on the medical needs of cisgender bodies, rather than adapting services for bodies of all genders.

Training and interacting with TGE patients have been documented to increase provider competence and confidence.^{35,36} Researchers, clinicians and advocates recommend ongoing gender-affirmative care training for all providers and staff, including front office staff, medical assistants, medical providers, behavioral health staff, registered dietitians, laboratory technicians, and insurance billers. Training should include cultural sensitivity (gender-affirming language and terminology, history of gender diversity and cross-cultural perspective of gender diversity); stigma, discrimination, and health care disparities; an exploration of provider biases; legal considerations like gender marker and name changes; and specific clinical training in the GACM for each provider type (ie, mental health training, medical training). Gender-affirmative clinical training includes medical considerations like hormone therapies and surgeries; navigating insurance cover-

age and denials; supporting the whole family system; and other specific medical and behavioral health considerations.

Develop Gender-Affirming Systems in All Clinic Settings

Implementing gender-affirming systems of care in all clinic settings is instrumental in decreasing health care disparities for TGE individuals. A few examples of systems-wide gender-affirming care can be found in **Figure 3**.

Identify Gender-Affirmative ED Resources and Community Support

Gender-affirmative ED resources, including meal support groups, psychoeducation, family and caregiver support, crisis tools, and peer connection/coaching, help TGE children and youth in building community through shared physical and virtual spaces. Assist patients, parents, and other family members in accessing these resources. Examples of resources for TGE children and youth are included in **Figure 1**. A few examples of resources specifically for family members and caregivers include Trans Family Support Services, Gender Spectrum, and Trans Youth Equality Foundation. This list is by no means exhaustive and the authors do not endorse each resource for every patient. Have patients explore resources to find a fit for their needs.

CONCLUSION

TGE children and youth are at higher risk of developing EDs than their cisgender peers and are often not supported in ED treatment. It is essential that providers seek training in the GACM and develop gender-inclusive treatment policies and practices. Collaborative, trauma-informed and patient-centered care teams with both gender providers and eating disorder providers can support the patient in navigating gender diversity and ED symptoms concurrently.

Identifying the limitations of sex-based care practices (such as growth charts and BMI) and exploring gender-affirmative approaches to ED care is essential. Gender-affirming community resources facilitate connection, build narratives of body liberation, and decrease isolation. More research and clinical experience in the intersection of the gender-affirmative clinical field and the ED field is needed to better support TGE children and youth with EDs and their families.

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