Int. Jr. of Contemp. Res. in Multi.

OPEN BACCESS

Volume 4 Issue 3 [May- Jun] Year 2025

International Journal of

Contemporary Research In

Multidisciplinary



Review Article

The Psychological and Social Impact of Gender Dysphoria on Adolescents

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DOI: https://doi.org/10.5281/zenodo.15700241

Abstract

This study investigates the complicated psychological and social effects of gender dysphoria (GD) on teenagers. It provides a brief historical overview of gender diversity and examines the difficulties in accurately measuring the proportion of gender-diverse people due to varying definitions and diagnostic criteria. The paper discusses the history and utility of the GD diagnosis in the DSM-5 and ICD frameworks, as well as how care requirements have changed over time. This review combines results from contemporary empirical literature to better understand the psychological and social effects of GD during adolescence. The research focuses on the relationship between gender dysphoria, mental health outcomes, and social settings like family, peers, schools, and healthcare systems. It finishes by identifying research gaps and proposing inclusive support systems.

This report also addresses issues such as emotional distress, societal rejection, misgendering, and the importance of gender-affirming care. This research aims to provide actionable insights for psychologists, mental health professionals, and general practitioners (GPs) who interact with transgender adolescents.

Manuscript Information

- ISSN No: 2583-7397
- Received: 21-05-2025
- Accepted: 13-06-2025
- Published: 15-06-2025
- IJCRM:4(3); 2025: 393-399
- ©2025, All Rights Reserved
- Plagiarism Checked: Yes
- Peer Review Process: Yes

How to Cite this Article

Parashar K, Goel V. The psychological and social impact of Gender dysphoria on adolescents. Int J Contemp Res Multidiscip. 2025;4(3):393-399.



KEYWORDS: Gender Dysphoria, Psychological and Social Impact.

INTRODUCTION

Gender dysphoria (GD) is the considerable distress or impairment that occurs when a person's gender identity does not correspond to the sex assigned at birth. Adolescence, a vital developmental stage, is especially vulnerable to identity-related difficulties, making gender dysphoria particularly damaging during this time. Despite growing exposure and knowledge of gender-diverse communities, identifying, diagnosing, and treating GD remains challenging, particularly due to societal stigmas and fluctuating classifications. This research investigates the psychological and social effects of GD on teenagers and assesses the relevance and applicability of current diagnostic and therapy approaches.

Gender diversity has persisted across cultures and eras, although it is frequently pathologized in Western psychological and medical contexts. When the Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5) was published in 2013, the term Gender Dysphoria replaced Gender Identity Disorder. This terminological shift reflected a broader tendency to depathologize gender variance by emphasizing pain rather than identity. Gender incongruence was further depathologized by the World Health Organization's 11th Revision (ICD-11), which reclassified it as a sexual health issue rather than a mental disorder.

Adolescence is a time when people develop their identities, become more self-aware, and integrate into society. This phase is frequently more challenging and distressing for people suffering from gender dysphoria. According to the DSM-5-TR (APA, 2022), gender dysphoria is defined as considerable emotional distress and functional impairment caused by an incongruence between one's experienced gender and given sex at birth. As transgender identities become more visible and recognized, there is a greater need to understand the unique psychological and social consequences for adolescents with GD. This presentation will review current research on the subject and provide a comprehensive understanding of its implications on mental health and social adjustment.

Psychological and Social Impact

Gender dysphoria (GD) can have serious psychological and social consequences, especially during adolescence—a developmental era characterized by identity formation, increased sensitivity to peer assessment, and more autonomy. Adolescents with GD frequently feel severe mental discomfort as a result of the conflict between their internal gender identity and the gendered norms imposed by society, peers, and family. This anguish is frequently amplified by puberty's bodily changes, which can exacerbate feelings of incongruence and increase psychological susceptibility.

Psychological Impact

Psychological impact refers to how an experience, condition, or environment affects a person's mental and emotional wellbeing. It refers to changes in mood, cognition, behavior, selfperception, and mental health functioning.

Gender dysphoria in teenagers has the following psychological impact

Emotional distress is defined as persistent unhappiness, irritation, or rage caused by a mismatch between assigned sex and perceived gender. MENTAL health issues include anxiety, sadness, suicidal ideation, post-traumatic stress disorder (PTSD), and eating disorders.

Low self-esteem and identity confusion: Difficulties with selfworth, acceptance, and identity uncertainty caused by societal rejection or internalized stigma. Social withdrawal is the avoidance of classmates or family members due to a fear of rejection or bullying. Cognitive issues include difficulty concentrating, making decisions, or managing emotions as a result of prolonged stress or emotional overload.

External problems, such as a lack of familial support, bullying, discrimination, and insufficient access to affirming healthcare,

may compound the psychological damage caused by internal turmoil. Addressing these effects needs both individual psychological therapies and environmental adjustments.

Social Impact

The term "social impact" describes how a person's identity or condition affects how they interact with others, how they participate in society, and how they are treated within social structures and processes.

In the case of teenagers suffering from gender dysphoria, social impact refers to the difficulties and consequences they confront in their homes, peer groups, schools, healthcare systems, and the larger society as a result of their gender identity.

Family Relationships

Family relationships are a crucial aspect of the social impact of gender dysphoria. Homelessness, trauma, and isolation can result from parental and family rejection, disagreement, or a lack of understanding. In contrast, supportive families have a substantial impact on social and emotional development.

Peer Communication

Many teenagers who suffer from gender dysphoria experience peer ridicule, marginalization, or bullying. Loneliness, social disengagement, and trouble establishing wholesome connections result from this.

The School Environment

Unsafe learning environments are caused by a lack of inclusive rules, such as the prohibition of using preferred names or pronouns or the absence of gender-neutral restrooms. Bullying that is transphobic frequently results in academic degradation, absenteeism, and school dropout.

Public and Community Areas

Participation in community events may be discouraged by fear of harassment. Sports, places of worship, and community gatherings might make Adolescents feel uncomfortable or frightened.

Access to Institutions and Healthcare

Inadequate or refused care may be the consequence of discrimination or ignorance on the part of providers. Access to affirming treatment is restricted by bureaucratic obstacles, such as the requirement for parental authorization for hormone therapy.

Social Marginalization and Stigma

Transgender and non-binary identities are frequently erased or excluded as a result of societal conventions that support conventional gender roles. Internalized transphobia, invisibility, and feelings of shame are all exacerbated by this.

Beyond personal experiences, gender dysphoria has a social impact on how teenagers interact with others, access support networks, and navigate social acceptance. Adolescents can significantly lessen their suffering and promote healthy development in positive social settings where they feel validated, safe, and included. On the other hand, unfriendly or careless social settings can intensify psychological distress and have detrimental long-term effects.

OBJECTIVE OF STUDY

- 1. Investigate the psychological suffering and mental health consequences related to gender dysphoria in teenagers.
- 2. Investigate the social implications that transgender youth endure, including stigma, discrimination, and rejection.
- 3. Assess the efficacy and obstacles of gender-affirming interventions.

LITERATURE REVIEW

According to Corneil, Eisfeld, and Botzer (2010), it's critical to recognize that not all transgender individuals experience difficulty; this demonstrates that being transgender isn't always an issue. Although it still utilizes some binary language (such as "the other gender"), the DSM-5, which physicians use to diagnose mental health issues, now encompasses a wider spectrum of gender identities. This implies that non-binary people can now receive a gender dysphoria diagnosis and, if necessary, receive treatment.

Due to varying classifications and a lack of data, we are unsure of the precise number of gender dysphoric individuals in Australia. However, we do know that transgender people have higher rates of depression, discrimination, and suicidal thoughts than normal people. For this reason, it's critical that general practitioners (GPs) know how to help transgender patients. General practitioners should be able to communicate with and support patients who have gender dysphoria, even if it is uncommon in their practice. Each person should receive care that is specific to them, which may involve surgery, hormone therapy, education, counseling, and social support.

In order to give general practitioners (GPs) the information they need to support transgender patients, Sean R. Atkinson and Darren Russell's article "Gender Dysphoria" offers a thorough review of the condition. It draws attention to the psychological suffering brought on by a misalignment between biological sex and gender identity and stresses the value of a patient-centered, sympathetic approach. The authors highlight the GP's responsibility in continuing care, provide customized treatment approaches that may involve hormone medication, counseling, and surgery, and describe diagnostic criteria from the DSM-5. Along with discussing common differential diagnoses, the value of support networks, and issues with paperwork and medical transition, the paper makes the case for a multidisciplinary, courteous, and knowledgeable approach to care that lessens stigma and enhances mental health.

The psychiatric comorbidities linked to gender dysphoria are methodically examined in the publication "Mental Health and Gender Dysphoria: A Review of the Literature" by Dhejne *et al.*, which highlights the psychological burden that transgender people endure both before and after transitioning. The authors use a meta-analytic lens to find that those seeking genderaffirming care have higher prevalence rates of affective illnesses, especially major depressive disorder and generalized anxiety disorder. The review highlights a noteworthy improvement in psychological well-being following the transition, indicating that gender-confirming therapies serve as successful psychosocial mediators. The research affirms the clinical necessity for biopsychosocial models of care that validate gender identity and foster mental health resilience through affirming therapy relationships and access to medical transition paths, while also noting methodological limitations in the literature.

Zucker, Lawrence, and Kreukels' essay "Gender Dysphoria in Adults" provides a thorough analysis of the developmental, clinical, diagnostic, and therapeutic aspects of gender dysphoria (GD) in adult populations. It talks about how "gender identity disorder" was replaced by the more complex and less pathologizing diagnosis of "gender identity disorder" in the DSM-5, emphasizing the value of distress and functional impairment in diagnosis rather than identification per sex. The study highlights the diversity of sexual orientation within GD subtypes and examines a range of developmental trajectories, including early-versus late-onset GD. While the discussion of comorbid psychopathology (such as depression, anxiety, and suicidality) is counterbalanced by information about the possible moderating effects of gender-affirming therapy, epidemiological data and assessment instruments are critically examined. The authors acknowledge the continuous discussions and shortcomings in the current diagnostic frameworks and treatment standards while promoting tailored, morally sound therapy approaches that take into account the biological, psychological, and societal elements that contribute to GD.

The article "Gender Dysphoria: What Is It? Following its inclusion in the DSM-5, the notion of gender dysphoria (GD) has been built, interpreted, and utilized in academic and clinical literature. Zowie Davy and Michael Toze's "A Critical Systematic Narrative Review" critically explores these developments. While acknowledging that not all trans or intersex people experience discomfort, the authors draw attention to discrepancies in the way that suffering is prioritized as a diagnostic criterion. They demonstrate how GD is frequently misapplied or assumed in populations that might not match the diagnostic threshold by a thorough review of 387 publications, which can cause conceptual confusion and even over-pathologization. They contend that although the DSM-5 aims to de-pathologize gender variety, the diagnosis is nevertheless mired in normative presumptions and lacks empirical rigor, especially when it comes to clinical validity and intersex experiences. In the end, the article advocates for more precise, empirically supported definitions and procedures that truly prioritize the lived experiences of those who identify as gender nonconforming.

An in-depth examination of gender dysphoria (GD) in adolescents is provided in the article "Gender Dysphoria in Adolescence: Current Perspectives" by Kaltiala-Heino *et al.*, which also highlights the rising number of young people in Western nations seeking gender-related care. It highlights the necessity for a nuanced knowledge of both early-onset and adolescent-onset cases and talks about the difficulties in identifying and treating GD during adolescence, a critical time for identity formation. The study looks at peer and family interactions, psychiatric comorbidities, developmental routes, and the moral dilemmas raised by medical treatments such hormone therapy and puberty blockers. The association between GD and other developmental tasks, such as social interactions, sexual development, and academic success, is also examined. The authors emphasize that more longitudinal research is required to guide effective strategies, especially for persons with co-occurring mental health concerns and those with adolescent-onset GD, even if affirming approaches are becoming more and more popular.

In order to inform psychiatrists and other mental health practitioners about how to treat gender-diverse adults, Byne et al.'s work "Gender Dysphoria in Adults: An Overview and Primer for Psychiatrists" offers a comprehensive and clinically based overview. The authors examine the significance of affirming care practices, the changing criteria in the DSM-5, and the historical development of gender diagnoses. The study promotes patient-centered, culturally competent approaches that refrain from pathologizing gender diversity, highlighting the fact that gender dysphoria is different from gender identity itself. It provides recommendations for differential diagnosis, evaluation of comorbid mental illnesses, and the part mental health practitioners play in getting patients ready for genderaffirming medical and surgical procedures. Along with addressing persistent systemic obstacles like stigmatization and care access, the assessment emphasizes the necessity of institutional reforms, psychiatric education, and adherence to guidelines such as those provided by WPATH. In the end, it places psychiatrists in a position to be important advocates for providing transgender people with moral, knowledgeable, and comprehensive assistance.

Kenneth J. Zucker's essay "Epidemiology of Gender Dysphoria and Transgender Identity" offers a thorough analysis of the incidence, prevalence, and demographic trends related to transgender identity and gender dysphoria (GD) in children, adolescents, and adults. Zucker uses a variety of worldwide research to show how different diagnostic standards, cultural settings, and self-identification techniques make it difficult to estimate GD. The study identifies trends like the rise in sex ratios favoring teenagers with birth-assigned females, the rise in referrals to gender identity clinics, and the increased awareness of gender-diverse identities. Additionally, Zucker criticizes the methodological flaws in the literature, highlighting the necessity for more precise definitions, longitudinal data, and a distinction between clinical GD and more general transgender self-identification. All things considered, the review emphasizes how gender identity is changing and how crucial it is to conduct careful, fact-based epidemiological research.

Bizicet al.'s essay "Gender Dysphoria: Bioethical Aspects of Medical Treatment" offers a thorough analysis of the many moral, health, and psychological issues surrounding the treatment of people with gender dysphoria. The authors draw attention to how gender-affirming care is changing, especially the moral conundrums raised by treating minors, the effect on fertility, and the possibility of regret after irreversible treatments like gender affirmation surgery (GAS). At every level of transition, they stress the significance of informed consent, a comprehensive psychiatric examination, and the application of the fundamental bioethical principles of autonomy, beneficence, and nonmaleficence. The article addresses the debates around hormone therapy, puberty blockers, and the scheduling of surgery, arguing in favor of tailored, careful measures, particularly for young patients. Additionally, it examines reproductive rights and fertility preservation, cautioning against actions that could limit future parental options. In the conclusion, the authors urge more thorough investigation, more precise ethical standards, and interdisciplinary cooperation to guarantee that gender-affirming treatments actually improve each patient's quality of life.

Vicky Holt, Elin Skagerberg, and Michael Dunsford's article "Young People with Features of Gender Dysphoria: Demographics and Associated Difficulties" examines 218 children and adolescents who were referred to the Gender Identity Development Service in London as part of a crosssectional research. The study investigates the psychosocial difficulties, mental health issues, and demographic traits that are frequently linked to gender dysphoria (GD). It demonstrates that the most common issues were bullying, despair, and selfharm; these issues were more common in natal females and grew with age. The study also finds that natal boys have a notable prevalence of autism spectrum disorders. These young people's psychosocial vulnerability is further increased by complex living arrangements, early start of GD, and family makeup. The authors stress the value of comprehensive, multidisciplinary, and tailored care and call for clinicians to be more cognizant of the various needs and mental health hazards that gender-diverse vouth face, particularly during puberty, a time that has been found to be particularly upsetting.

In the article "Varieties of Autogynephilia and Their Relationship to Gender Dysphoria," various forms of autogynephilia-a term used to describe males' erotic arousal at the idea of themselves as females-are examined, along with potential connections to the formation of gender identity. The study divides autogynephilic experiences into a number of categories, including arousal from dressing like a woman, acting in stereotypically feminine ways, or envisioning oneself with female anatomy. It suggests that these differences are linked to varying degrees of transition-related urges and gender dysphoria. The article addresses the therapeutic consequences of male-to-female transsexualism and adds to the contentious Blanchard classification of the condition. Although its conclusions continue to have sway in certain scholarly circles, the theory is still controversial because of issues with pathologization and how well it fits with the real-life experiences of transgender individuals.

According to the study (Ramaswamy *et al.*, 2021; Chakrapani *et al.*, 2021) social exclusion, stigma, and discrimination have a significant negative influence on the mental health of young

people in Tamil Nadu who identify as gender nonconforming. Family rejection, bullying in schools, and difficulties getting work and healthcare because of the discrepancy between official documents and gender identification are among the main areas of concern. The study highlights the incredible resilience tactics used by transgender and gender-diverse adolescents in spite of these systemic obstacles, including selective revelation of identity, self-advocacy, and peer support. The study promotes a multifaceted strategy to promote inclusivity and protect mental health, which includes regulatory changes, workplace and educational sensitization campaigns, and easily available, identity-affirming mental health care. In conclusion, legislators, educators, healthcare professionals, families, and communities must work together to support the mental health and social inclusion of youth who identify as gender nonconforming. The only way to effectively address the disparities in mental health that transgender youth face is through institutional support and affirming environments.

Although the study "Gender Identity Expression and School Bullying in Urban Indian High Schools" by Iyer & Reddy (2017) is not publicly available, related studies, like the one funded by UNESCO in Tamil Nadu, offer important insights into the experiences of gender-diverse students in Indian schools. Adolescents who identify as transgender or gender nonconforming frequently experience bullying, verbal and physical abuse, and social isolation in school environments, according to this research. Increased anxiety, despair, low selfesteem, academic underachievement, and school dropout are among the psychological effects. Peer social marginalization and a lack of instructor help make the distress even worse. The results highlight how urgently inclusive educational policies, staff and student gender-sensitization initiatives, and positive mental health support are needed. All kids' well-being and academic achievement depend on schools fostering understanding, respect, and safe spaces for gender diversity, regardless of gender identity or expression.

"Presentation of Gender Dysphoria: A Perspective from Eastern India" Authors: Chakravarty et al., 2014 (Endocrine clinic, Kolkata) The study, which was conducted at an endocrine clinic in Kolkata, offers one of the first clinical insights into gender dysphoria (GD) from Eastern India. It shows that although the majority of people with GD realize they are gender incongruent when they are young, they don't seek medical attention until they are adults, usually in their mid to late twenties. Lack of family support, low awareness, and pervasive social shame are all associated with this notable delay. Additionally, the region's urgent need for gender-affirmative care is highlighted by the prevalence of male-to-female (MTF) cases, the presence of cross-dressing behavior in a minority, and the general mental distress. The study emphasizes that enhancing the lifestyles and mental health outcomes of gender-diverse people in India requires early diagnosis, family acceptance, and multidisciplinary support, including endocrinological, psychological, and legal advice. In conclusion, this study urges policy-level assistance, public awareness initiatives, and culturally relevant treatments to guarantee that people with

gender dysphoria can receive prompt, courteous, and affirming care.

According to the 2019 study "Quality of Life in Indian Transgender Youth" by Nair *et al.*, transgender youth in India deal with several issues that have an impact on their general well-being. Their quality of life is significantly lowered by elements like social isolation, stigma, discrimination, and mental health conditions like depression and anxiety, particularly in the social and emotional spheres. However, by reducing mental discomfort, community support, like that seen in some transgender communities, such as the hijra community, can act as a protective factor. The results highlight the critical need for focused interventions to improve the psychological health and quality of life of transgender youth in India, such as easily available mental health treatments, anti-discrimination laws, and community-based support initiatives.

DISCUSSION

Together, the reviewed research highlights the complex psychological and social difficulties that adolescents with gender dysphoria (GD) encounter. Research consistently shows that gender-diverse youth are more likely than their cisgender peers to have mental health issues such as depression, anxiety, suicide thoughts, and self-harm (Dhejne et *al.*, 2016; Ramaswamy *et al.*, 2021). This increased susceptibility seems to have its roots not only in the inherent anguish of gender incongruence but is also significantly worsened by outside variables, including discrimination, social stigma, and familial rejection.

The beneficial effect of gender-affirming treatment on psychological well-being is a crucial topic that emerges from these investigations. Gender dysphoria-related suffering is considerably reduced and general mental health outcomes are improved by interventions like hormone therapy, puberty blockers, psychotherapy, and surgery (Dhejne *et al.*, 2016; Zucker, Lawrence, & Kreukels, 2016). According to Atkinson and Russell (2018) and Byne *et al.* (2018), these results support a biopsychosocial treatment strategy that incorporates medical, psychological, and social support based on each patient's unique needs. Crucially, the study highlights how crucial it is to respect individuality and affirm gender identity in order to foster resilience and quality of life.

One important factor influencing the mental health of teenagers who identify as gender nonconforming is the social environment, particularly the function of families and schools. Bullying, marginalization, and a lack of institutional support in educational environments significantly increase psychological distress and impede academic progress, according to Indian studies (Iyer & Reddy, 2017). According to Chakravarty *et al.* (2014), widespread family non-acceptance also prolongs suffering and delays access to care. These results highlight the urgent need for culturally responsive interventions and inclusive policies, while also reflecting global trends and highlighting culturally particular challenges in India, such as societal shame and a lack of understanding. The study also identifies adaptive techniques, including as selfadvocacy, peer support networks, and selective identity disclosure, that transgender youth use to negotiate hostile contexts (Ramaswamy *et al.*, 2021). Although necessary, these coping strategies put an excessive amount of strain on the individual and draw attention to the structural shortcomings in establishing secure and supportive environments.

There is still discussion on the moral difficulties of treating gender dysphoria, particularly in teenagers. To reduce potential regret and guarantee patient welfare, it is stressed that informed consent, a thorough evaluation of preparedness for medical procedures, and consideration of fertility preservation are essential (Bizic *et al.*, 2019). In order to improve best practices and policy guidelines, this necessitates the use of rigorous, interdisciplinary care frameworks and longitudinal studies.

There are still gaps in the literature despite increased research, especially when it comes to addressing comorbid mental illnesses and long-term outcome data for gender dysphoria that manifests in adolescents. Furthermore, the complete range of gender experiences is frequently not captured by the ongoing use of binary diagnostic frameworks in clinical practice, necessitating the development of more inclusive and scientifically supported diagnostic criteria (Davy & Toze, 2018).

CONCLUSION

The studied literature provides a thorough grasp of the psychological and social effects of gender dysphoria on teenagers. There is widespread agreement on the importance of personalized, affirming care in reducing mental health risks and promoting well-being. Despite the evolution of diagnostic frameworks and clinical procedures, there are still substantial gaps, especially in long-term, longitudinal research and culturally competent therapies. This study advocates for an interdisciplinary, evidence-based, and compassionate approach to adolescent gender care—one that values identity, minimizes stigma, and fosters mental and emotional resilience.

The integration of recent research supports culturally competent, affirming, and holistic treatment methods that address the social exclusion and psychological discomfort experienced by adolescents who identify as gender nonconforming. To create situations where these young people can flourish with dignity and mental health, multilevel interventions including families, schools, healthcare systems, and legislators are crucial.

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