

Safeguarding the health and wellbeing of transgender young people

Transgender (hereafter referred to as trans) people have a gender that is different from the sex assigned to them at birth (Box 1). It is estimated that globally, 1.2–2.7% of people under 19 years identify as trans.¹ In recent years, there has been a rise in anti-trans campaigns in Australia and overseas. As a result, young trans people are subject to increasing vitriol and discrimination, which represents a clear and present danger to an already marginalised population. The current pattern of public discourse represents a public health risk and poses similar concerns to the debate surrounding marriage equality in Australia several years ago, which had a negative impact on the mental health of LGBTQIA+ people of all ages.²

In this perspective article, we take a health equity, social justice and minority stress lens to the evidence, examine the barriers to health care arising from the politicisation and marginalisation of trans youth, and call for urgent action to safeguard the health and wellbeing of young trans people.

Rise of anti-trans discourse and legislation

Despite the documentation of gender diversity in Indigenous cultures over thousands of years,³ its existence in Western societies has remained hidden until recently. As trans people have become more visible, societal awareness of gender diversity has improved and more individuals have felt empowered to live authentically as trans. However, this increase has been accompanied by claims of social contagion and fears that trans people represent a threat to fairness in sport, public safety and equality for women.

This shift in public discourse has been fuelled primarily by disinformation and by accompanying negative and inflammatory media coverage and political debate about young trans people. Media outlets frequently scrutinise trans youth, question their right to socially or medically affirm their gender,⁴ and sensationalise trans identities for “clickbait” (an enticing internet hyperlink, often misleading) and financial gain.⁴ Politicians have similarly engaged in debates questioning the legitimacy of gender-affirming medical treatment for trans youth, inciting division, particularly during election campaigns.⁵ This trend in anti-trans discourse recently culminated in a series of prominent anti-trans rallies across Australia.⁶

These campaigns have largely been powered by anti-trans groups seeking to restrict the rights of trans people internationally. Broadly united by their view that binary sex and gender are immutable and that trans people are a threat to societal values and safety, this diverse range of groups identifies with trans-exclusionary, radical feminist, religious or simply anti-“gender ideology” causes.⁷ Importantly, they are often funded and supported by religious and right-wing organisations, who have spent millions of dollars to promote anti-trans messaging and policies (eg, the European Parliamentary Forum for Sexual and Reproductive Rights found that ten US Christian Right organisations and foundations provided US\$81.3 million in funding for European anti-gender causes from 2009 to 2018).⁸ The increasing potency and uptake of anti-trans campaigns has been linked to rising economic and social inequality around the world, which has stoked anxiety, fear and a desire to use trans people as a convenient scapegoat for societal problems.⁹

The impact of anti-trans campaigns has been far-reaching, and they have had a chilling effect on the rights of young trans people globally. This has been apparent in the United States, where 23 states have

1 Definitions related to gender diversity

Sex. Refers to a person’s physical characteristics that may be assigned as male, female or intersex.

Gender. Refers to a person’s gender identification and sense of gender expression that may identify with masculinity, femininity, both, or neither.

Transgender (trans). People whose gender is different from the sex assigned to them at birth. Individuals may identify with a range of genders, such as trans man, trans woman, non-binary or gender-queer.

Cisgender (cis). People whose gender is the same as the sex assigned to them at birth.

Gender diversity. The spectrum of identities and behaviours that diverge from binary categories of male and female.

Gender dysphoria. The distress that is associated with a discrepancy between an individual’s gender and their sex assigned at birth. It is experienced by some but not all trans people.

Social affirmation. A range of social and legal actions that a trans person may undertake to affirm their gender. It may include changing name, pronouns, clothing, or legal gender. It is pursued by some but not all trans people.

Medical affirmation. A range of medical treatments that a trans person may undertake to affirm their gender depending on their age, development, and goals. It may include treatments such as puberty suppression or gender-affirming hormones. It is pursued by some but not all trans people.

Gender-affirming care. A model of care underpinned by the view that gender diversity is normal and that a trans person’s gender should be affirmed. It may involve providing social or medical treatments that support a person in their gender identity, such as puberty suppression, gender-affirming hormones, and psychological support. It may also involve providing general health care in a way that considers and validates gender identity.

Puberty suppression. Involves using medication that suppresses endogenous oestrogen and testosterone to prevent the development of undesired secondary sexual characteristics associated with puberty.

Gender-affirming hormones. Involves using oestrogen or testosterone to induce the development of desired secondary sexual characteristics. Trans feminine people may typically undergo oestrogen therapy to induce feminising characteristics, and trans masculine people may typically undergo testosterone therapy to induce masculinising characteristics.

Carmen Pace^{1,2,*}

Alessandra Chinsen^{1,3,*} 

Ada S Cheung^{3,4} 

S. Rachel Skinner^{5,6}

Ken W Knight^{1,3}

Michelle A Tollit^{1,2}

Michelle M Telfer^{1,2}

Ken C Pang^{1,2} 

¹ Murdoch Children’s Research Institute, Melbourne, VIC.

² Royal Children’s Hospital Melbourne, Melbourne, VIC.

³ University of Melbourne, Melbourne, VIC.

⁴ Austin Health, Melbourne, VIC.

⁵ Sydney Children’s Hospitals Network, Sydney, NSW.

⁶ University of Sydney, Sydney, NSW.

*Equal first authors.

ken.pang@mcri.edu.au

recently prohibited or limited young trans people from accessing gender-affirming medical treatment, and some states have introduced criminal penalties for providers of gender-affirming care.¹⁰ Some of these legislative bans have now been struck down by judges who have recognised that they violate the rights of trans youth and threaten their mental health and wellbeing.¹⁰ In Australia, vitriol and disinformation in the public sphere is escalating, and with it, attempts to restrict the rights of trans people. For example, the 2023 Childhood Gender Transition Prohibition Bill (not passed) aimed to ban gender-affirming medical treatment for young people aged under 18 years,¹¹ and the 2022 federal Religious Discrimination Bill (not passed) would have allowed schools to discriminate against trans students.¹²

Adverse mental health due to stigma and discrimination

Against this backdrop, trans youth continue to experience disproportionately high rates of psychological distress, self-harm and suicidality.¹³ In an Australian study of 859 young trans people aged 14 to 25, 80% of participants reported having self-harmed, 82% had experienced suicidal ideation, and 48% had attempted suicide,¹⁴ which is much higher than rates found in the general population.¹⁵ This is linked to the adversity, discrimination and stigma that young trans people commonly endure. The same study found that 89% of participants reported having experienced peer rejection, 74% had experienced bullying, 66% had experienced lack of family support, and 22% had experienced housing insecurity.¹⁴ There was a clear association between exposure to these negative experiences and poor mental health.¹⁴ This finding is consistent with other studies that also found an association between adversity and mental health difficulties in trans youth.^{16,17}

Young trans people thrive when supported

Rigorous, peer-reviewed evidence from prospective and retrospective cohort studies and cross-sectional studies shows that trans youth thrive when able to access gender-affirming care in all its forms.^{13,18-25}

In paediatrics, gender-affirming care describes a non-judgemental and respectful model of care underpinned by the view that gender diversity is not abnormal and that a young trans person's gender should be affirmed.²⁶ Gender-affirming care may involve providing social or medical treatments that support a person in their gender,²⁶ but also includes general care delivered in a way that considers, explores and validates gender identity without any *a priori* preference for either a cis or trans identity. Consistent with other areas of paediatrics, care is considered in the context of the individual's development and goals, and decision making is shared between the young person, their family, and their clinicians.²⁶

Young people being supported to affirm their gender is associated with improved quality of life. A recent study investigated the self-reported mental health of 148 young trans people who had socially

transitioned.²⁷ The study found that these trans youth had similar or only marginally elevated rates of depression and anxiety when compared with their siblings and age- and gender-matched controls.²⁷ This study is supported by other research that similarly demonstrates the association between social transition and better mental health and quality of life.²⁸⁻³⁰

Trans youth who undertake medical transition also report improved mental health and wellbeing. Findings from two of the largest studies that examined the effects of puberty blockers and gender-affirming hormones in young trans people with gender dysphoria found that gender-affirming care was associated with better mental health and wellbeing. A study of 450 young trans people attending a specialist gender service found that those who were receiving gender-affirming medical treatment through puberty suppression had better mental health than those who were referred for care but had not yet received such treatment, and that the individuals receiving treatment had similar mental health to cisgender young people.¹³ Additionally, a multicentre prospective study of 315 young trans people attending specialist gender services found that use of testosterone or oestradiol was associated with better mental health over a two-year period.¹⁸ These studies are part of the growing evidence base that demonstrates the positive association between medical affirmation and improved quality of life and mental health for those young people with marked and sustained gender incongruence who seek and are eligible for treatment according to national and international guidelines.¹⁹⁻²⁵ These studies do not include control groups due to ethical and methodological concerns associated with withholding interventions for trans youth.³¹

Based on the best available evidence, the Endocrine Society,³² American Academy of Pediatrics³³ and American Academy of Child and Adolescent Psychiatrists³⁴ recommend gender-affirming care as best practice for young trans people with gender dysphoria. Although there is a need for more high quality research in this emerging area of health care and efforts in this regard are ongoing,³⁵ existing data support the benefit of gender-affirming care on the mental health and quality of life of trans youth.

What needs to be done?

The surge of anti-trans discourse represents a public health risk for young trans people and their families. Ongoing exposure to vitriol and discrimination compounds the adversity already experienced by trans youth and contributes to the worsening of their mental health and feelings of depression, anxiety and lack of safety.^{36,37}

We make a call to action to health care providers, researchers, educators, politicians, and the media, to do better. We must:

- promote inclusive cultures within health care organisations by championing gender-affirming language, practices and policies at all levels³⁸ (Box 2) as well as advocating for relevant funding and training of the health care workforce;

2 Gender-affirming practices (adapted from TransHub)³⁸

Using correct names and pronouns in all settings. This involves using an individual's affirmed name and pronouns, and apologising if accidental misnaming or misgendering occurs.

Intervening when discrimination, harassment or bullying occurs in all settings. This may involve correcting people who misname, misgender or mistreat trans people, or correcting stereotypes or myths that may be perpetuated about trans people.

Developing cultures of respect in your work. This may involve displaying trans affirming materials (eg, rainbow flags, posters, or pronoun badges), ensuring that trans people are represented in training, resources or services, or being a support person for trans people.

Implementing inclusive policies in your work. This may involve ensuring that systems and processes are inclusive for trans people (eg, ensuring that patient and staff forms record preferred name, preferred pronouns, and have options for non-binary genders, or providing all gender bathrooms), developing a gender affirmation policy (eg, providing gender transition leave entitlements for staff transitioning), or participating in gender training.

- challenge anti-trans attitudes and behaviour when observed, and correct disinformation propagated around gender-affirming care;
- advocate against policies that restrict the rights of young trans people and block access to social and medical gender affirmation;
- undertake ethical, rigorous, high quality research on health and wellbeing outcomes for young trans people, where participation is voluntary and not a requirement for accessing gender-affirming care;
- ensure that media organisations, including social media companies, engage in accurate and ethical reporting of trans communities (see guidelines by the Australian Press Council);³⁹
- amplify the voices of trans people and trans community-controlled organisations in all of the above activities, including the development of guidelines and policies for media reporting related to trans people.

Conclusion

The politicisation and marginalisation of young trans people in legislation, policy, media coverage and health care is unethical and harmful. As a health care community, we are in a position of privilege, not only to provide gender-affirming care, but to advocate to protect the rights, dignity and health of trans youth. Trans kids are just kids, and like all kids, they need and deserve our respect, love and support, not our vitriol. To prevent further harm, we all must act now against transphobia.

Acknowledgements: Carmen Pace's salary is supported by the Royal Children's Hospital Foundation and the Hugh D.T. Williamson Foundation Trust. Ada Cheung is supported by a National Health and Medical Research Council (NHMRC) Investigator Grant (#2008956). Michelle Tollit's salary is supported by the Royal Children's Hospital Foundation and the Hugh D.T. Williamson Foundation Trust. Ken Pang is supported by the NHMRC (GNT 2006529 and 2027186), Royal Children's Hospital Foundation, and the Hugh D.T. Williamson Foundation. None of these funding sources had any role in the planning, writing or publication of this article.

Competing interests: Carmen Pace is a member of the Australian Professional Association for Trans Health and a member of its research committee. Alessandra Chinsen is a member of the World Professional Association for Trans Health. Ada Cheung has received product (oestradiol and progesterone) for investigator-initiated trials from Besins Healthcare. Besins Healthcare have not provided any monetary support nor had any input into the design and analysis of research studies or the writing of any manuscripts. S. Rachel Skinner is affiliated with the NSW Ministry of Health, Australian Association of Adolescent Health, Society of Adolescent Health and Medicine, Australian Professional Association of Transgender Health, World Professional Association of Transgender Health. Michelle Tollit is a member of the Australian Professional Association for Trans Health and is the co-chair of its research committee. Ken Pang is a member of the Australian Professional Association for Trans Health and the World Professional Association for Trans Health, and is an associate editor of the journal, *Transgender Health*.

Provenance: Not commissioned; externally peer reviewed. ■

© 2024 AMPCo Pty Ltd.

- 1 Zhang Q, Goodman M, Adams N, et al. Epidemiological considerations in transgender health: a systematic review with focus on higher quality data. *Int J Transgend Health* 2020; 21: 125-137.
- 2 Casey LJ, Wootton BM, McAloon J. Mental health, minority stress, and the Australian Marriage Law postal survey: a longitudinal study. *Am J Orthopsychiatry* 2020; 90: 546-556.
- 3 Pyle K. Naming and claiming: recovering Ojibwe and Plains Cree Two-Spirit language. *Transgender Studies Quarterly* 2018; 5: 574-588.
- 4 Riggs DW, McIntyre J. Trans young people and the media: transnormativity, agency, and social change. *J Child Media* 2022; 16: 461-467.
- 5 Evans J, Haydar N. Prime Minister Scott Morrison stands by Katherine Deves after Liberal candidate says she still believes trans youth are "mutilated." *ABC News (Sydney)*, 10 May 2022. <https://www.abc.net.au/news/2022-05-10/morrison-responds-to-warringah-deves-trans-apology-walk-back/101051914> (viewed Feb 2024).
- 6 Kelly C, Rachwani M. What's behind the 'terrifying' backlash against Australia's queer community? *The Guardian (Sydney)*, 25 March 2023. <https://www.theguardian.com/australia-news/2023/mar/25/whats-behind-the-terrifying-backlash-against-australias-queer-community> (viewed Feb 2024).
- 7 Libby C. Sympathy, fear, hate: trans-exclusionary radical feminism and evangelical Christianity. *Transgender Studies Quarterly* 2022; 9: 425-442.
- 8 Datta N. Tip of the iceberg: religious extremist funders against human rights for sexuality and reproductive health in Europe 2009 - 2018. Brussels: European Parliamentary Forum for Sexual and Reproductive Rights; 2021. <https://www.epfweb.org/sites/default/files/2021-08/Tip%20of%20the%20Iceberg%20August%202021%20Final.pdf> (viewed Feb 2024).
- 9 Butler J. Why is the idea of 'gender' provoking backlash the world over? *The Guardian (New York)*, 23 October 2021. <https://www.theguardian.com/us-news/commentisfree/2021/oct/23/judith-butler-gender-ideology-backlash> (viewed Feb 2024).
- 10 Salam E. Ohio senate overrides governor and blocks trans youth from receiving care. *The Guardian (New York)*, 25 January 2024. <https://www.theguardian.com/us-news/2024/jan/24/ohio-senate-trans-youth-health-care-sports> (viewed Feb 2024).
- 11 Cooper J. Senate shuts down Alex Antic's anti-trans bill. *Star Observer (Broadway)*, 16 November 2023. <https://www.starobserver.com.au/news/national-news/senate-shuts-down-alex-antic-anti-trans-bill/227114> (viewed Feb 2024).
- 12 Martin S. Scott Morrison backs bill that allows exclusion of transgender people from single-sex sports. *The Guardian (Sydney)*, 22 February 2022. <https://www.theguardian.com/society/2022/feb/22/scott-morrison-backs-bill-that-allows-exclusion-of-transgender-people-from-single-sex-sports> (viewed Feb 2024).
- 13 van der Miesen AIR, Steensma TD, de Vries ALC, et al. Psychological functioning in transgender adolescents before and after gender-affirmative care compared with cisgender general population peers. *J Adolesc Health* 2020; 66: 699-704.

- 14 Strauss P, Cook A, Winter S, et al. Associations between negative life experiences and the mental health of trans and gender diverse young people in Australia: findings from Trans Pathways. *Psychol Med* 2020; 50: 808-817.
- 15 Lim K-S, Wong CH, McIntyre RS, et al. Global lifetime and 12-month prevalence of suicidal behavior, deliberate self-harm and non-suicidal self-injury in children and adolescents between 1989 and 2018: a meta-analysis. *Int J Environ Res Public Health* 2019; 16: 4581.
- 16 Tankersley AP, Graftsky EL, Dike J, Jones RT. Risk and resilience factors for mental health among transgender and gender nonconforming (TGNC) youth: a systematic review. *Clin Child Fam Psychol Rev* 2021; 24: 183-206.
- 17 Bailey S, Newton N, Perry Y, et al. Minority stressors, traumatic events, and associations with mental health and school climate among gender and sexuality diverse young people in Australia: findings from a nationally representative cohort study. *J Adolesc* 2023; 96: 275-290.
- 18 Chen D, Berona J, Chan Y-M, et al. Psychosocial functioning in transgender youth after 2 years of hormones. *N Engl J Med* 2023; 388: 240-250.
- 19 Achille C, Taggart T, Eaton NR, et al. Longitudinal impact of gender-affirming endocrine intervention on the mental health and well-being of transgender youths: preliminary results. *Int J Pediatr Endocrinol* 2020; 2020: 8.
- 20 de Vries ALC, Steensma TD, Doreleijers TAH, Cohen-Kettenis PT. Puberty suppression in adolescents with gender identity disorder: a prospective follow-up study. *J Sex Med* 2011; 8: 2276-2283.
- 21 Turban JL, King D, Carswell JM, Keuroghlian AS. Pubertal suppression for transgender youth and risk of suicidal ideation. *Pediatrics* 2020; 145: e20191725.
- 22 Baker KE, Wilson LM, Sharma R, et al. Hormone therapy, mental health, and quality of life among transgender people: a systematic review. *J Endocr Soc* 2021; 5: bvab011.
- 23 Kuper LE, Stewart S, Preston S, et al. Body dissatisfaction and mental health outcomes of youth on gender-affirming hormone therapy. *Pediatrics* 2020; 145: e20193006.
- 24 Cohen-Kettenis PT, Steensma TD, de Vries ALC. Treatment of adolescents with gender dysphoria in the Netherlands. *Child Adolesc Psychiatr Clin N Am* 2011; 20: 689-700.
- 25 Doyle DM, Lewis TOG, Barreto M. A systematic review of psychosocial functioning changes after gender-affirming hormone therapy among transgender people. *Nat Hum Behav* 2023; 7: 1320-1331.
- 26 Telfer M, Tollit M, Pace C, Pang K. Australian standards of care and treatment guidelines for transgender and gender diverse children and adolescents. Version 1.3. Melbourne: The Royal Children's Hospital; 2020. <https://www.rch.org.au/uploadedFiles/Main/Content/adolescent-medicine/australian-standards-of-care-and-treatment-guidelines-for-trans-and-gender-diverse-children-and-adolescents.pdf> (viewed Feb 2024).
- 27 Gibson DJ, Glazier JJ, Olson KR. Evaluation of anxiety and depression in a community sample of transgender youth. *JAMA Netw Open* 2021; 4: e214739.
- 28 Olson KR, Durwood L, DeMeules M, McLaughlin KA. Mental health of transgender children who are supported in their identities. *Pediatrics* 2016; 137: e20153223.
- 29 Durwood L, McLaughlin KA, Olson KR. Mental health and self-worth in socially transitioned transgender youth. *J Am Acad Child Adolesc Psychiatry* 2017; 56: 116-123.e2.
- 30 Russell ST, Pollitt AM, Li G, Grossman AH. Chosen name use is linked to reduced depressive symptoms, suicidal ideation, and suicidal behavior among transgender youth. *J Adolesc Health* 2018; 63: 503-505.
- 31 Ashley F, Tordoff DM, Olson-Kennedy J, Restar AJ. Randomized-controlled trials are methodologically inappropriate in adolescent transgender healthcare. *Int J Transgend Health* 2023; 25: 1-12.
- 32 Hembree WC, Cohen-Kettenis PT, Gooren L, et al. Endocrine treatment of gender-dysphoric/gender-incongruent persons: an Endocrine Society clinical practice guideline. *J Clin Endocrinol Metab* 2017; 102: 3869-3903.
- 33 Rafferty J, Committee on Psychosocial Aspects of Child and Family Health, Committee on Adolescence, Section on Lesbian, Gay, Bisexual, and Transgender Health and Wellness. Ensuring comprehensive care and support for transgender and gender-diverse children and adolescents. *Pediatrics* 2018; 142: e20182162.
- 34 American Academy of Child and Adolescent Psychiatry. AACAP statement responding to efforts to ban evidence-based care for transgender and gender diverse youth. 2019. https://www.aacap.org/AACAP/Latest_News/AACAP_Statement_Responding_to_Efforts_to_ban_Evidence-Based_Care_for_Transgender_and_Gender_Diverse.aspx (viewed Apr 2024).
- 35 National Health and Medical Research Council. Archived Grant Opportunity View - GO6063. <https://www.grants.gov.au/Go/Show?GoUUid=e69dca85-1fcb-4e39-872d-b1ced05bb58b> (viewed Oct 2024).
- 36 Cunningham GB, Watanabe NM, Buzuvis E. Anti-transgender rights legislation and internet searches pertaining to depression and suicide. *PLoS One* 2022; 17: e0279420.
- 37 Pham A, Morgan AR, Kerman H, et al. How are transgender and gender nonconforming youth affected by the news? A qualitative study. *J Adolesc Health* 2020; 66: 478-483.
- 38 TransHub. Information for allies [website]. <https://www.transhub.org.au/allies> (viewed Feb 2024).
- 39 Australian Press Council. Reporting on persons with diverse sexual orientation, gender identity, and sex characteristics. 2023. <https://presscouncil.org.au/wp-content/uploads/2023/02/Advisory-Guideline-Reporting-on-persons-with-diverse-Feb-2023-updated.pdf> (viewed Feb 2024). ■