

## Public Health Evidence Report Following Engagement Activity

This form is to be completed by the Policy Working Groups Public Health Lead if stakeholders identify potential new evidence during policy development engagement activities. The Public Health Lead will assess the evidence raised to against the Population, Intervention, Comparator and Outcome (PICO) criteria and will record the studies in the appropriate boxes in the '*Outcome for studies suggested during engagement activities*' section of this form. In cases where newly identified evidence has a material impact please return the completed form to the Clinical Effectiveness Team (CET).

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| <b>URN</b>                 | 1927   |
| <b>Policy title:</b>       | Draft Interim Clinical Policy: Puberty suppressing hormones (PSH) for the purpose of puberty suppression for children and adolescents who have gender incongruence/dysphoria |
| <b>NPOC:</b>               | Gender Services Clinical Programme   |
| <b>Engagement activity</b> | Stakeholder testing  |
| <b>Date</b>                | 07 July 23   |

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| <b>Description of comments during engagement (If studies have been suggested please provide a list of references)</b> | 23 responses were received during stakeholder testing.<br>Of these, 8 stakeholders suggested 19 identifiable and unique references that might have been erroneously omitted from the evidence review or literature surveillance report. |
| <b>Action taken by Public Health lead</b>   | All 19 identifiable and unique references were obtained in full text and checked for relevance against the search strategies and PICO details that were used for the evidence review and literature surveillance report.                |
| <b>Outcome for studies suggested during engagement activities</b>   |   |

**1. Evidence already identified during the evidence review or literature surveillance report**

- **Angus LM, Nolan BJ, Zajac JD, Cheung AS.**  
[A systematic review of antiandrogens and feminization in transgender women.](#)  
Clin Endocrinol (Oxf). 2021 May;94(5):743-752. doi: 10.1111/cen.14329. Epub 2020 Oct 5. PMID: 32926454.
- **Chen D, Abrams M, Clark L, Ehrensaft D, Tishelman AC, Chan YM, Garofalo R, Olson-Kennedy J, Rosenthal SM, Hidalgo MA.**  
[Psychosocial Characteristics of Transgender Youth Seeking Gender-Affirming Medical Treatment: Baseline Findings From the Trans Youth Care Study.](#)  
J Adolesc Health. 2021 Jun;68(6):1104-1111. doi: 10.1016/j.jadohealth.2020.07.033. Epub 2020 Aug 21. PMID: 32839079; PMCID: PMC7897328.
- **Tordoff DM, Wanta JW, Collin A, Stepney C, Inwards-Breland DJ, Ahrens K.**  
[Mental Health Outcomes in Transgender and Nonbinary Youths Receiving Gender-Affirming Care.](#) JAMA Netw Open. 2022 Feb 1;5(2):e220978. doi: 10.1001/jamanetworkopen.2022.0978. Erratum in: JAMA Netw Open. 2022 Jul 1;5(7):e2229031. PMID: 35212746; PMCID: PMC8881768.
- **Turban JL, King D, Carswell JM, Keuroghlian AS.**  
[Pubertal Suppression for Transgender Youth and Risk of Suicidal Ideation.](#)  
Pediatrics. 2020 Feb;145(2):e20191725. doi: 10.1542/peds.2019-1725. Erratum in: Pediatrics. 2021 Apr;147(4): PMID: 31974216; PMCID: PMC7073269.
- **de Vries 2014 (see 3 below for details)**

**2.New evidence identified by stakeholders that does not fall within PICO and search methodology**

- **Agarwal, Cori A.; Scheefer, Melody F.; Wright, Lindsey N.; Walzer, Norelle K.; Rivera, Andy (2018).**

[Quality of life improvement after chest wall masculinization in female-to-male transgender patients: A prospective study using the BREAST-Q and Body Uneasiness Test.](#)

Journal of Plastic, Reconstructive & Aesthetic Surgery, S1748681518300159-. doi:10.1016/j.bjps.2018.01.003

- **Becker, Inga; Auer, Matthias; Barkmann, Claus; Fuss, Johannes; Möller, Birgit; Nieder, Timo O.; Fahrenkrug, Saskia; Hildebrandt, Thomas; Richter-Appelt, Hertha (2018).**

[A Cross-Sectional Multicenter Study of Multidimensional Body Image in Adolescents and Adults with Gender Dysphoria Before and After Transition-Related Medical Interventions.](#)

Archives of Sexual Behavior, doi:10.1007/s10508-018-1278-4

- **Biggs M.**

[The Dutch Protocol for Juvenile Transsexuals: Origins and Evidence.](#)

J Sex Marital Ther. 2023;49(4):348-368. doi: 10.1080/0092623X.2022.2121238. Epub 2022 Sep 19. PMID: 36120756

- **Bungener SL, de Vries ALC, Popma A, Steensma TD.**

[Sexual Experiences of Young Transgender Persons During and After Gender-Affirmative Treatment.](#)

Pediatrics. 2020 Dec;146(6):e20191411. doi: 10.1542/peds.2019-1411. PMID: 33257402.

- **Drummond KD, Bradley SJ, Peterson-Badali M, Zucker KJ.**

[A follow-up study of girls with gender identity disorder.](#)

Dev Psychol. 2008 Jan;44(1):34-45. doi: 10.1037/0012-1649.44.1.34. PMID: 18194003.

- **Endocrine Society Endocrine Treatment of Gender-Dysphoric/Gender-Incongruent Persons: Clinical Practice Guideline:**

<https://academic.oup.com/jcem/article/102/11/3869/4157558#99603252>

- **Prof Simona Giordano**

[Children and Gender - Ethical issues in clinical management of transgender and gender diverse youth, from early years to late adolescence](#)

Issues in Biomedical Ethics ISBN: 9780192895400

- **C Heneghan and T Jefferson**

[Gender-affirming hormone in children and adolescents](#)

BMJ EBM Spotlight Posted on 25th February 2019

- **Horton, C. (2022).**

[Experiences of Puberty and Puberty Blockers: Insights From Trans Children, Trans Adolescents, and Their Parents.](#)

Journal of Adolescent Research, 0(0).

- **Olson-Kennedy, Johanna; Warus, Jonathan; Okonta, Vivian; Belzer, Marvin; Clark, Leslie F. (2018).**

[Chest Reconstruction and Chest Dysphoria in Transmasculine Minors and Young Adults.](#)

JAMA Pediatrics, doi:10.1001/jamapediatrics.2017.5440

- **Steensma TD, Kreukels BP, de Vries AL, Cohen-Kettenis PT.**

[Gender identity development in adolescence.](#)

Horm Behav. 2013 Jul;64(2):288-97. doi: 10.1016/j.yhbeh.2013.02.020. PMID: 23998673.

- **van der Miesen AIR, Steensma TD, de Vries ALC, Bos H, Popma A.**

[Psychological Functioning in Transgender Adolescents Before and After Gender-Affirmative Care Compared With Cisgender General Population Peers.](#)

J Adolesc Health. 2020 Jun;66(6):699-704. doi: 10.1016/j.jadohealth.2019.12.018. Epub 2020 Apr 6. PMID: 32273193.

- **Wallien MS, Cohen-Kettenis PT.**

[Psychosexual outcome of gender-dysphoric children.](#) J Am Acad Child Adolesc Psychiatry. 2008 Dec;47(12):1413-23. doi: 10.1097/CHI.0b013e31818956b9. PMID: 18981931.

- **World Professional Association for Transgender Health - Standards of Care version 8:**

<https://www.tandfonline.com/doi/pdf/10.1080/26895269.2022.2100644>

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| <p><b>3.New evidence identified by stakeholders that falls within PICO and search methodology but does not materially affect the conclusions of the existing evidence review</b></p>   | <ul style="list-style-type: none"> <li>• <b>de Vries AL, McGuire JK, Steensma TD, Wagenaar EC, Doreleijers TA, Cohen-Kettenis PT.</b></li> </ul> <p><a href="#">Young adult psychological outcome after puberty suppression and gender reassignment.</a><br/> Pediatrics. 2014 Oct;134(4):696-704. doi: 10.1542/peds.2013-2958. Epub 2014 Sep 8. PMID: 25201798.</p> <p>This study was identified and excluded during preparation of the draft NICE evidence review. It was highlighted for potential inclusion by the Policy Working Group during testing. It remained excluded from the final NICE evidence review as the relevant population and follow-up time points were included in the de Vries et al. (2011) study.</p> <p>The paper was highlighted by 2 stakeholders during stakeholder testing of the policy proposition.</p> <p>It is considered that the paper does fall within PICO details and search methodology. It indicates that use of GnRHa along with other interventions (e.g. multidisciplinary care) improves body image outcomes after gender reassignment surgery. However, this evidence does not materially affect the conclusions of the existing evidence review.</p> |
| <p><b>4.New evidence identified by stakeholders that falls within PICO and search methodology, that does materially affect the conclusions of the existing evidence review. Updated evidence review to be undertaken (to be agreed with CET)</b></p> | <p>Not applicable</p>   |

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| <p>Completed by:</p> | <p>Dr Ayesha Ali<br/> Medical Advisor Highly Specialised Service</p> |
| <p>Date:</p>         | <p>07 July 2023</p>  |

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|---------------------------------|----------------|
| Peer reviewed and supported by: | Not applicable |
| Date:                           | Not applicable |