

Public Health Evidence Report Following Engagement Activity

URN	1927
Policy title	Draft Interim Clinical Policy: Puberty suppressing hormones (PSH) for children and adolescents who have gender incongruence.
CRG	Gender Dysphoria Clinical Programme
NPOC	Not applicable
Engagement activity	Post public consultation
Date	15 th February 2024

Description of comments during engagement (If studies have been suggested please provide a list of references)	A query was received regarding NHSE's consideration of The World Professional Association for Transgender Health (WPATH) Standards of Care (SOC) for the Health of Transsexual, Transgender, and Gender Nonconforming People, Version 8 , during development of the draft Interim Clinical Policy: Puberty suppressing hormones (PSH) for children and adolescents who have gender incongruence.
Action taken by Public Health lead	<p>The suggested references at stakeholder testing and public consultation during policy development and the responses to suggestions were checked for mention of the WPATH SOC Version 8.</p> <p>The WPATH SOC Version 8 was suggested at stakeholder testing and public consultation and a correct response was provided in both evidence reports noting that it does not fall within PICO and search methodology (because it is a guideline).</p> <p>To ensure comprehensive consideration of the WPATH SOC Version 8, the 200 citations within the relevant chapter, i.e. Chapter 12 Hormone Therapy, were further assessed and findings are described below.</p>
Outcome for studies cited in Chapter 12 of WPATH SOC Vn 8	
Citation not identifiable	<p><i>Citation given in short form in Chapter 12 but full details not provided in WPATH SOC Vn8 reference list</i></p> <ol style="list-style-type: none"> 1. Baba, 2007 2. Finkelstein et al 1996 3. Lin et al 2021 4. Stuyver et al 2020 5. Tebbens at al 2021

	6. Toorians et al 2013
Citation does not meet PICO criteria or search methodology of the NICE 2020 evidence review	<p><i>Published prior to the date limits of the literature search:</i></p> <ol style="list-style-type: none"> 1. Comite et al 1981 2. Laron et al 1981 3. van Kesteren et al 1997 <p><i>Published within the date limits of the literature search and either was not identified from the searches performed or was identified but sifted out because of not meeting the PICO criteria based on the title and abstract details:</i></p> <ol style="list-style-type: none"> 1. Adeleye et al, 2018 2. Allen et al, 2019 3. Alzahrani et al, 2019 4. Anai et al, 2001 5. Arcelus et al, 2016 6. Ashley, 2019e 7. Asscheman et al, 2013 8. Barrow & Apostle, 2018 9. Bauer et al, 2015 10. Becerra-Culqui et al, 2018 11. Beek, Kreukels et al 2015 12. Bertelloni et al, 1998 13. Bisson, 2018 14. Bockting et al, 2013 15. Borghei-Razavi, 2014 16. Bouman et al, 2016 17. Bouman et al, 2016 18. Bouman et al, 2017 19. Canonico et al, 2007 20. Carel et al, 2009 21. Klink, Caris et al, 2015 22. Carswell & Roberts, 2017 23. Chan et al 2018 24. Chen, Hidalgo et al, 2016 25. Cheng et al, 2019 26. Colebunders et al, 2017 27. Coleman et al, 2012 28. Colizzi et al, 2014 29. Coolhart et al, 2017 30. Costa et al, 2016 31. Davey et al, 2014 32. Davis & Meier, 2014 33. De Roo et al, 2016 34. De Roo et al, 2017 35. Defreyne et al, 2018 36. Defreyne, Nota et al 2017 37. Dekker et al 2016 38. Delemarre-van de Waal & Cohen- Kettenis 2006

39. Deutsch, 2016a
40. Deutsch, Bhakri et al 2015
41. Djordjevic et al, 2008
42. Du Bois et al, 2018
43. Eisenberg et al 2017
44. Ethics committee of the American Society of Reproductive Medicine et al 2015
45. Finlayson et al 2016
46. Fisher, Castellini et al 2016
47. Fitzpatrick et al 2000
48. Frey et al 2016
49. Gaither et al 2018
50. Gava et al 2016
51. Gava et al 2018
52. Giltay & Gooren, 2000
53. Giltay et al, 2000
54. Goldstein et al 2019
55. Gomez-Gil et al, 2012
56. Gorin-Lazard et al 2012
57. Gorin-Lazard et al 2013
58. Gower, Rider, Brown et al 2018
59. Grossman & D'Augelli 2006
60. Grynberg et al 2010
61. Hembree et al 2009
62. Hendricks & Testa, 2012
63. Heylens, Elaut et al 2014
64. Horbach at al 2015
65. Irwig, 2017
66. Irwig, 2018
67. Iwamoto, Defreyne et al 2019
68. Iwamoto, T'Sjoen et al 2019
69. Jiang et al 2018
70. Jiang et al 2019
71. Kailas et al 2017
72. Keo-Meier & Ehrensaft, 2018
73. Keo-Meier & Fitzgerald, 2017
74. Keo-Meier et al 2015
75. Kerckhof et al 2019
76. Klink, Bokenkamp et al 2015
77. Kuper, Mathews et al, 2019
78. Kuper, Wright et al 2018
79. Levy et al 2003
80. Light et al 2014
81. Mamoojee et al 2017
82. Mancini et al 2018
83. Manson, 2013
84. Maraka et al 2017
85. Marks et al 2019
86. Mattawanon et al 2018
87. Meier et al 2013

88. Merriggiola et al 2008
89. Meyer 2003
90. Millington et al 2019
91. Moody et al 2015
92. Murad et al 2010
93. Nash et al 2018
94. Newfield et al 2006
95. Neyman et al 2019
96. Nguyen et al 2018
97. Nobili et al 2018
98. Nota et al 2018
99. Nota et al 2019
100. O'Bryant et al, 2008
101. Olson-Kennedy, Garofalo et al 2019
102. Olson-kennedy, Rosenthal et al 2018
103. Ott et al 2010
104. Pelusi et al 2014
105. Pflum et al 2015
106. Pradhan & Gomez-Lobo, 2019
107. Pullen Sansfacon et al 2015
108. Rider, McMorris et al 2019
109. Rosen et al 2019
110. Rosenthal 2014
111. Rosenthal et al 2016
112. Rothernberg et al 2019
113. Rowniak et al 2019
114. Ryan 2009
115. Ryan et al 2010
116. Safer & Tangpricha 2019
117. Schagen et al 2016
118. Schechter & Safa, 2018
119. Schneider et al 2015
120. Schwartz et al 2019
121. Seal et al 2012
122. Shumer at al 2016
123. Silverberg et al 2017
124. Smith et al 2014
125. Smith et al 2018
126. Taliaferro et al 2019
127. Tangpricha & den Heijer 2017
128. Ter Wengel et al 2016
129. Tishelman & Neumann-Mascis, 2018
130. Tishelman et al 2015
131. Toorians et al 2003
132. T'Sjoen et al 2005
133. T'Sjoen et al 2019
134. van Caenegem, Verhaeghe et al 2013
135. van Dijk et al 2019
136. Vinogradova et al 2019
137. Vlot et al 2017

	<p>138. Weinand & Safer 2015 139. White Hughto & Reisner, 2016 140. Wiepjes et al 2019 141. Wierckx et al 2013 142. Wierckx, Mueller et al, 2012 143. Wierckx, van Caenegem et al 2014 144. Wierckx, van de Peer et al, 2014 145. Witcomb et al 2018</p>
Citation identified within the NICE 2020 evidence review	<p><i>Listed as an excluded study in the evidence review:</i></p> <ol style="list-style-type: none"> 1. de Vries et al, 2014 2. Klaver et al 2020 3. Turban, King et al 2020 <p><i>Included in the evidence review:</i></p> <ol style="list-style-type: none"> 1. de Vries, Steensma et al, 2011 2. Klink, Caris et al 2015
Citation identified as part of the literature surveillance report	<p><i>Identified from the literature search but sifted out because of not meeting the PICO criteria based on the title and abstract details:</i></p> <ol style="list-style-type: none"> 1. Angus et al, 2021 2. T'Sjoen et al 2020 <p><i>Identified from the literature search but did not meet the PICO criteria based on reading the full text:</i></p> <ol style="list-style-type: none"> 1. Millington et al 2020 2. Lee, Finlayson et al 2020 3. Rew et al 2020 <p><i>Identified from the literature search, did meet the PICO criteria but did not materially affect the conclusions of the NICE 2020 evidence review:</i></p> <ol style="list-style-type: none"> 1. Schagen et al, 2020
Citation identified as part of stakeholder testing	<p><i>Identified during stakeholder testing but did not meet the PICO criteria:</i></p> <ol style="list-style-type: none"> 1. Hembree et al 2017
Citation identified as part of public consultation	<p><i>Identified during public consultation but did not meet the PICO criteria or search methodology of the NICE 2020 evidence review:</i></p> <ol style="list-style-type: none"> 1. Bangalore Krishna et al, 2019 2. Russell et al 2018 3. Wiepjes et al 2018
New citation that does not fall	<p><i>Not identified from the searches performed for the literature surveillance report, nor during stakeholder testing nor during public consultation:</i></p>

<p>within the search methodology</p>	<ol style="list-style-type: none"> 1. Aldridge et al, 2020 2. Antun et al, 2020 3. Chlebowski, 2020 4. De Blok et al, 2020 5. Defreyne, Elaut et al 2020 6. Eisenberg et al 2020 7. Gava et al 2020 8. Kuper et al 2020 9. Kvist et al 2020 10. Nobili et al 2020 11. Prince & Safer, 2020 12. Sofer et al, 2020 13. Taub et al 2020 14. Van de Griff et al 2020 15. Vereecke et al 2020 16. Wiepjes et al 2020 17. Wilson et al 2020 18. Yeung et al 2020 19. Banks et al, 2021 20. Braun et al, 2021 21. Chantrapanichkul et al, 2021 22. Dy et al 2021 23. Gezer et al 2021 24. Greenwald et al 2021 25. Irwig, 2021 26. Kozato et al 2021 27. Kuijpers et al 2021 28. Kyinn et al 2021 29. Rosenthal 2021 30. Safer, 2021 31. Weill et al 2021
<p>New citation that falls within PICO and search methodology but does not materially affect the conclusions of the existing evidence review</p>	<p>None</p>
<p>New citation that falls within PICO and search methodology, that does materially affect the conclusions</p>	<p>None</p>

of the NICE 2020 evidence review.	
Updated evidence review to be undertaken (to be agreed with CET)	Not applicable

Completed by:	Public Health Consultant
Date:	21 st February 2024

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

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