Supplementary Table S1. Literature review search details (accessed 08.03.2020).

<table>
<thead>
<tr>
<th>Search term 1</th>
<th>[AND]</th>
<th>Search term 2</th>
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</table>

Basic sorting:
Unique papers: 1225
English language: 1150

First filter:
Removal of non-target studies (e.g. studies of ‘trans fatty acid’, ‘trans-tibial amputation’, female-to-male studies)
183 remaining

Second filter:
Surgical practice (e.g. reassignment procedures) 26; discarded
Endocrinology practice (e.g. hormone delivery methods, dose guidelines) 23; discarded
General health (e.g. managing weight, trans-sensitive consultation guidelines) 29; discarded
Sexual health (e.g. HIV programmes) 3; discarded
Mental health (e.g. coping with dysphoria, eating disorders, bullying) 37; discarded
65 remaining

Third filter:
Technical sex testing 3; discarded,
Social inclusion 24; discarded
38 remaining

Included:
Bone density only: 24 (including 8 reviews and 1 clinical guidance document)
Body composition: 14 (lean body mass only [6], and/or muscle measurements [2], and/or strength measurements [6]).