

Supplementary Table 1 Search Strategy for OVID Embase, conducted in March 2019

▲ Searches

1	Transgender.mp. or exp Transgender Persons/
2	Gender dysphoria.mp. or exp Gender Dysphoria/
3	(Transsexualism or transsexual*).mp. or exp Transsexualism/
4	exp Gender Identity/ or Gender identity disorder.mp.
5	Gender variant.mp.
6	(Transmen or transwomen).mp.
7	Two-spirit.mp.
8	(Trans adj (people or men or women)).mp.
9	(FTM or MTF).mp.
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	cross-sex hormone therapy.mp.
12	Gonadal steroid hormones.mp. or exp Gonadal Steroid Hormones/
13	exp Estrogen Replacement Therapy/ or exp Estradiol/ or Oestrogen*.mp. or exp Estrogens/ or Estrogen*.mp.
14	exp Testosterone Congeners/ or Testosterone.mp. or exp Testosterone/ or exp Testosterone Propionate/
15	exp Gonadotropin-Releasing Hormone/ or gonadotropin-releasing hormone analogue*.mp.
16	androgen antagonists.mp. or exp Androgen Antagonists/ or antiandrogen*.mp.
17	Spironolactone.mp. or exp Spironolactone/
18	(sex adj steroid*).mp.
19	(hormone adj (therapy or treatment)).mp.
20	progestin.mp. or exp Progestins/
21	Androgen*.mp. or exp Androgens/
22	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21
23	(Body adj composition).mp. or exp Body Composition/
24	((lean or muscle or fat) adj mass).mp.
25	(Adipose adj (fat* or tissue*)).mp. or exp Adipose Tissue/
26	Anthropometry.mp. or exp Anthropometry/
27	exp Waist-Hip Ratio/
28	(Insulin adj (resistance or sensitivity)).mp. or exp Insulin Resistance/
29	exp Hemoglobin A, Glycosylated/ or HbA1c.mp.
30	Blood glucose.mp. or exp Blood Glucose/
31	exp Insulin-Secreting Cells/ or ((b or beta) adj cell*).mp. or (insulin-secreting adj cell*).mp.
32	exp Diabetes Mellitus, Type 2/
33	exp Intra-Abdominal Fat/
34	((central or abdominal) adj obesity).mp.
35	exp Body Fat Distribution/ or fat distribution.mp.
36	23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35
37	10 and 22 and 36
38	limit 37 to conference abstract
39	37 not 38

Supplementary Table 2. Search Strategy for OVID MEDLINE, conducted in March 2019

# ▲	Searches
1	Transgender.mp. or exp Transgender Persons/
2	Gender dysphoria.mp. or exp Gender Dysphoria/
3	(Transsexualism or transsexual*).mp. or exp Transsexualism/
4	exp Gender Identity/ or Gender identity disorder.mp.
5	Gender variant.mp.
6	(Transmen or transwomen).mp.
7	Two-spirit.mp.
8	(Trans adj (people or men or women)).mp.
9	(FTM or MTF).mp.
10	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9
11	cross-sex hormone therapy.mp.
12	Gonadal steroid hormones.mp. or exp Gonadal Steroid Hormones/
13	exp Estrogen Replacement Therapy/ or exp Estradiol/ or Oestrogen*.mp. or exp Estrogens/ or Estrogen*.mp.
14	exp Testosterone Congeners/ or Testosterone.mp. or exp Testosterone/ or exp Testosterone Propionate/
15	exp Gonadotropin-Releasing Hormone/ or gonadotropin-releasing hormone analogue*.mp.
16	androgen antagonists.mp. or exp Androgen Antagonists/ or antiandrogen*.mp.
17	Spironolactone.mp. or exp Spironolactone/
18	(sex adj steroid*).mp.
19	(hormone adj (therapy or treatment)).mp.
20	progestin.mp. or exp Progestins/
21	Androgen*.mp. or exp Androgens/
22	11 or 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21
23	(Body adj composition).mp. or exp Body Composition/
24	((lean or muscle or fat) adj mass).mp.
25	(Adipose adj (fat* or tissue*)).mp. or exp Adipose Tissue/
26	Anthropometry.mp. or exp Anthropometry/
27	exp Waist-Hip Ratio/
28	(Insulin adj (resistance or sensitivity)).mp. or exp Insulin Resistance/
29	exp Hemoglobin A, Glycosylated/ or HbA1c.mp.
30	Blood glucose.mp. or exp Blood Glucose/
31	exp Insulin-Secreting Cells/ or ((b or beta) adj cell*).mp. or (insulin-secreting adj cell*).mp.
32	exp Diabetes Mellitus, Type 2/
33	exp Intra-Abdominal Fat/
34	((central or abdominal) adj obesity).mp.
35	exp Body Fat Distribution/ or fat distribution.mp.
36	23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35
37	10 and 22 and 36

