

Table S1 The details of search strategy

MEDLINE

Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions <1946 to February 16, 2023>

- 1 exp ovarian disease/ 129791
- 2 polycystic ovar\$.tw. 20551
- 3 stein-leventhal syndrome.tw. 569
- 4 PCOS.tw. 14518
- 5 PCOD.tw. 310
- 6 hirsut\$.tw. 10799
- 7 exp amenorrhea/ 10123
- 8 Hirsut\$.tw. 10799
- 9 amenorrh\$.tw. 15419
- 10 oligomenorrh\$.tw. 1565
- 11 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 160385
- 12 exp acupuncture/ 2008
- 13 exp Acupoints/ or exp Electroacupuncture/ or exp Acupuncture therapy/ 28565
- 14 acupuncture.tw. 26081
- 15 electroacupuncture.tw. 5682
- 16 meridian\$.tw. 6252
- 17 moxi\$.tw. 10288
- 18 exp Moxibustion/ 2671
- 19 acup\$ point\$.tw. 1976
- 20 (shiatsu or tui na).tw. 145
- 21 shu.tw. 1056
- 22 acupressure.tw. 1433
- 23 (trigger adj3 point\$).tw. 2697
- 24 12 or 13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 51968
- 25 (IVF or in vitro fertilization or in-vitro fertilization or in-vitro-fertilization).tw. 38785
- 26 Intracytoplasmic Sperm Injections/ 7797
- 27 ((intracytoplasmic or intra-cytoplasmic) adj5 sperm inject\$).tw. 8993
- 28 ICSI.tw. 10080
- 29 assisted reproduct*.tw. 18682
- 30 (stimulat* adj2 cycle*).tw. 3174
- 31 (ovar\$ adj3 stimulat\$).tw. 9395
- 32 25 or 26 or 27 or 28 or 29 or 30 or 31 62694
- 33 randomized controlled trial.pt. 586723
- 34 controlled clinical trial.pt. 95190
- 35 randomized.ab. 592773
- 36 randomised.ab. 117228
- 37 placebo.tw. 242057
- 38 clinical trials as topic.sh. 200887

39 randomly.ab. 401982
 40 trial.ti. 279425
 41 (crossover or cross-over or cross over).tw. 96749
 42 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41 1583157
 43 11 and 24 and 32 and 42 20

COCHRANE

EBM Reviews - ACP Journal Club <1991 to January 2023>
 EBM Reviews - Cochrane Central Register of Controlled Trials <January 2023>
 EBM Reviews - Cochrane Database of Systematic Reviews <2005 to February 8, 2023>
 EBM Reviews - Cochrane Clinical Answers <January 2023>
 EBM Reviews - Cochrane Methodology Register <3rd Quarter 2012>
 EBM Reviews - Database of Abstracts of Reviews of Effects <1st Quarter 2016>
 EBM Reviews - Health Technology Assessment <4th Quarter 2016>
 EBM Reviews - NHS Economic Evaluation Database <1st Quarter 2016>

1 exp Fertilization in Vitro/ 2639
 2 (IVF or in vitro fertili?ation or in-vitro fertili?ation or in-vitro-fertili?ation).tw. 8382
 3 Intracytoplasmic Sperm Injections/ 693
 4 ((intracytoplasmic or intra-cytoplasmic) adj5 sperm inject\$.tw. 1731
 5 ICSI.tw. 3620
 6 assisted reproduct*.ti. 729
 7 (stimulat* adj2 cycle*).tw. 794
 8 (ovar\$ adj3 stimulat\$.tw. 3063
 9 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 11371
 10 exp Polycystic Ovary Syndrome/ 1840
 11 Polycystic Ovar\$.tw. 4543
 12 PCO\$.tw. 6333
 13 (stein-leventhal or leventhal).tw. 96
 14 (ovar\$ adj2 (sclerocystic or polycystic)).tw. 4546
 15 10 or 11 or 12 or 13 or 14 7694
 16 exp Acupuncture Therapy/ or exp Acupuncture, Ear/ or exp Acupuncture Points/ or exp
 Acupuncture Analgesia/ or exp Acupuncture/ 6190
 17 exp Acupressure/ 472
 18 exp Acupressure/ 472
 19 exp Electroacupuncture/ 992
 20 exp Meridians/ 2508
 21 exp Moxibustion/ 595
 22 Acupuncture.tw. 16763
 23 acupressure\$.tw. 1948
 24 (electroacupuncture or electro acupuncture or electro-acupuncture).tw. 3076
 25 meridian\$.tw. 1346
 26 mox\$.tw. 4638
 27 needling.tw. 2949

28 (acu-point\$ or acu point\$).tw. 37
 29 acupoint\$.tw. 4833
 30 shu.tw. 445
 31 (shiatsu or tui na).tw. 87
 32 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31
 27423
 33 9 and 16 and 32 75

Embase <1974 to 2023 February 16>

1 exp ovary polycystic disease/ 34208
 2 Polycystic Ovar\$.tw. 29237
 3 PCOS.tw. 22329
 4 PCOD.tw. 460
 5 stein leventh\$.tw. 271
 6 (ovar\$ adj2 sclerocystic).tw. 70
 7 (ovar\$ adj2 degeneration).tw. 174
 8 PCO.tw. 5192
 9 exp ovulation induction/ 18488
 10 (ovulat\$ adj2 induc\$.tw. 10776
 11 (ovari\$ adj2 hyperstimulat\$.tw. 8720
 12 superovulation.tw. 2732
 13 (ovari\$ adj2 stimulat\$.tw. 14237
 14 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 75582
 15 exp acupuncture/ or exp acupressure/ or exp electroacupuncture/ 55040
 16 electroacupuncture.tw. 6954
 17 meridian\$.tw. 7951
 18 needling.tw. 4983
 19 moxi\$.tw. 14291
 20 acup\$ point\$.tw. 3117
 21 (shiatsu or tui na).tw. 205
 22 shu.tw. 2068
 23 acupressure.tw. 1954
 24 (trigger adj3 point\$.tw. 4139
 25 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 2479336
 26 exp embryo transfer/ or exp fertilization in vitro/ or exp intracytoplasmic sperm injection/
 90048
 27 in vitro fertili?ation.tw. 36839
 28 ivf-et.tw. 3698
 29 icsi.tw. 20664
 30 intracytoplasmic sperm injection\$.tw. 11907
 31 (ivf or et).tw. 798482
 32 (embryo\$ or blastocyst\$.tw. 466153
 33 implantation\$.tw. 289968

34 ART.tw. 180978
 35 assisted reproducti\$.tw. 29309
 36 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33 or 34 or 351673233
 37 Clinical Trial/ 1065237
 38 Randomized Controlled Trial/761462
 39 exp randomization/ 98116
 40 Single Blind Procedure/ 49960
 41 Double Blind Procedure/205216
 42 Crossover Procedure/ 73360
 43 Placebo/ 396240
 44 Randomi?ed controlled trial\$.tw. 311792
 45 Rct.tw. 51398
 46 random allocation.tw. 2506
 47 randomly allocated.tw. 44022
 48 allocated randomly.tw. 2881
 49 (allocated adj2 random).tw. 939
 50 Single blind\$.tw. 30751
 51 Double blind\$.tw. 240349
 52 Double blind\$.tw. 240349
 53 ((treble or triple) adj blind\$.tw. 1762
 54 placebo\$.tw. 359879
 55 prospective study/ 838020
 56 37 or 38 or 39 or 40 or 41 or 42 or 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or
 53 or 54 or 55 2694359
 57 14 and 25 and 36 and 56 98

Chinese Biological Medicine (CBM)

("Acupuncture" [All fields:Smart] OR "Acupuncture therapy" [All fields:Smart] OR
 "Electroacupuncture" [All fields:Smart]) AND ("Polycystic ovary syndrome" [All fields:Smart]
 OR "Sclerocystic" [All fields:Smart] OR "Stein-Leventhal syndrome" [All fields:Smart] OR
 "Sclerocystic ovarian degeneration"[All fields:Smart] OR "Sclerocystic ovarian syndrome"[All
 fields:Smart]) AND("Assisted reproductive technology"[All fields:Smart] OR "Reproductive
 technology"[All fields:Smart] OR "Assisted reproductive technology"[All fields:Smart] OR
 "Donor conception"[All fields:Smart] OR "In Vitro Fertilization"[All fields:Smart] OR "Embryo
 Transfer"[All fields:Smart] OR "Ovulation Induction"[All fields:Smart] OR "In Vitro
 Fertilization"[All fields:Smart])

Chinese Science and Technology Periodical Database (VIP)

(((((any field=acupuncture) OR any field=acupuncture therapy) OR any field=electroacupuncture)
 AND ((((any field=polycystic ovary syndrome OR any field=sclerocystic) OR (any field=Stein
 AND (NOT any field=Leventhal syndrome)) OR any field= Sclerocystic ovarian degeneration)
 OR any field=Sclerocystic ovarian syndrome)) AND ((((((any field=Assisted reproductive

technology OR any field=Reproductive technology) OR any field=Assisted reproductive technology) OR any field=Donor conception) OR any field=In vitro fertilization) OR any field=Embryo transfer) OR any field = ovulation induction) OR any field = IVF))

WanFang database

All:(Acupuncture OR Acupuncture Therapy OR Electroacupuncture) and All:(Polycystic Ovarian Syndrome OR Sclerocystic Cystic OR Stein-Leventhal Syndrome OR Sclerocystic Ovarian Degeneration OR Sclerocystic Ovarian Syndrome) and All:(Assisted Reproductive Technology OR Reproductive Technology OR Donor conception OR In vitro fertilization OR Embryo transfer OR Ovulation induction OR In vitro fertilization)

China National Knowledge Infrastructure (CNKI)

(Abstract %Acupuncture + Acupuncture Therapy + Electroacupuncture) AND (Particulars of %Assisted Reproductive Technologies + In Vitro Fertilization + Embryo transfer + assisted reproductive technology + ovulation induction + assisted conception + in vitro fertilization) AND polycystic ovary syndrome + polycystic + sclerosing cystic ovary)