

Supplementary Table 1 The Search Strategy of English Electronic Databases.

Medline (Ovid)

- 1 "nerve stimulat*".ab,ti.
- 2 electroacupuncture.ab,ti.
- 3 neuro modulation.ab,ti.
- 4 electro acupuncture.ab,ti.
- 5 neuromodulation.ab,ti.
- 6 "trans-abdominal stimulat*".ab,ti.
- 7 "transcutaneous electr* stimulat*".ab,ti.
- 8 "interferential electr* stimulat*".ab,ti.
- 9 medtronic.ab,ti.
- 10 or/1-9
- 11 exp embryo transfer/ or exp fertilization in vitro/ or exp sperm injections, intracytoplasmic/ or exp zygote intrafallopian transfer/
- 12 (in Vitro adj2 fertili\$.tw.
- 13 (ivf or icsi or ZIFT).tw.
- 14 (intracytoplas\$ adj2 sperm).tw.
- 15 zygote intrafallopian transfer\$.tw.
- 16 (embryo transfer\$ or ET).tw.
- 17 invitro fertili\$.tw.
- 18 or/11-17
- 19 randomized controlled trial.pt.
- 20 controlled clinical trial.pt.
- 21 randomized.ab.
- 22 placebo.tw.
- 23 clinical trials as topic.sh.
- 24 randomly.ab.
- 25 trial.ti.
- 26 (crossover or cross-over or cross over).tw.
- 27 or/19-26
- 28 exp animals/ not humans.sh.
- 29 27 not 28
- 30 10 and 18 and 29

Cochrane Library

- #1 nerve stimulat*:ti,ab,kw
- #2 electro-acupuncture:ti,ab,kw
- #3 electroacupuncture:ti,ab,kw
- #4 neuro-modulation:ti,ab,kw
- #5 neuromodulation:ti,ab,kw
- #6 trans-abdominal stimulat*:ti,ab,kw
- #7 sacral nerve stimulat*:ti,ab,kw
- #8 transcutaneous electr* stimulat*:ti,ab,kw

#9 interferential electr* stimulat*:ti,ab,kw
#10 "medtronic":ti,ab,kw
#11 "SXDZ-100":ti,ab,kw
#12 "SDZ-II":ti,ab,kw
#13 #1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12
#14 exp embryo transfer or exp fertilization in vitro or exp sperm injections,
intracytoplasmic or exp zygote intrafallopian transfer
#15 (in Vitro adj2 fertili\$).tw.
#16 (ivf or icsi or ZIFT).tw.
#17 (intracytoplas\$ adj2 sperm).tw.
#18 zygote intrafallopian transfer\$.tw.
#19 (embryo transfer\$ or ET).tw.
#20 invitro fertili\$.tw.
#21 #14 or #15 or #16 or #17 or #18 or #19 or #20
#22 #13 and #21

EMbase (Ovid)

1 "nerve stimulat*".ab,ti.
2 electro-acupuncture.ab,ti.
3 electroacupuncture.ab,ti.
4 neuro-modulation.ab,ti.
5 neuromodulation.ab,ti.
6 "trans-abdominal stimulat*".ab,ti.
7 "sacral nerve stimulat*".ab,ti.
8 "transcutaneous electr* stimulat*".ab,ti.
9 "medtronic".ab,ti.
10 "SXDZ-100".ab,ti.
11 or/1-10
12 exp fertilization in vitro/
13 exp intracytoplasmic sperm injection/
14 exp embryo transfer/
15 (in?Vitro adj2 fertili\$).tw.
16 (ivf or icsi or ZIFT).tw.
17 (intracytoplas\$ adj2 sperm).tw.
18 zygote intrafallopian transfer\$.tw.
19 embryo transfer\$.tw.
20 invitro fertili\$.tw.
21 or/12-20
22 Clinical Trial/
23 Randomized Controlled Trial/
24 exp randomization/
25 Single Blind Procedure/
26 Double Blind Procedure/
27 Crossover Procedure/

28 Placebo/
29 Randomized controlled trial\$.tw.
30 Rct.tw.
31 random allocation.tw.
32 randomly allocated.tw.
33 allocated randomly.tw.
34 (allocated adj2 random).tw.
35 Single blind\$.tw.
36 Double blind\$.tw.
37 ((treble or triple) adj blind\$).tw.
38 placebo\$.tw.
39 prospective study/
40 or/22-39
40 11 and 21 and 40

PsycINFO (Ovid)

1 "nerve stimulat*".ab,ti.
2 electro-acupuncture.ab,ti.
3 electroacupuncture.ab,ti.
4 neuro-modulation.ab,ti.
5 neuromodulation.ab,ti.
6 "transcutaneous electr* stimulat*".ab,ti.
7 or/1-6
8 (in?Vitro adj2 fertili\$).tw.
9 (ivf or icsi or ZIFT).tw.
10 (intracytoplas\$ adj2 sperm).tw.
11 zygote intrafallopian transfer\$.tw.
12 embryo transfer\$.tw.
13 invitro fertili\$.tw.
14 or/8-13
15 random.tw.
16 control.tw.
17 double-blind.tw.
18 clinical trials/
19 placebo/
20 exp Treatment/
21 or/15-20
22 7 and 14 and 21

CINAHL

S1 transcutaneous electrical nerve stimulation.
S2 ("transcutaneous electric* nerve stimulation" OR "transcutaneous nerve stimulation").ti,ab
S3 AB "nerve stimulat*"

S4 AB electro-acupuncture
S5 AB electroacupuncture
S6 AB neuro-modulation
S7 AB neuromodulation
S8 AB "transcutaneous electr* stimulat*"
S9 S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR S7 OR S8
S10 TX vitro fertilisation
S11 (MM "Fertilization in Vitro")
S12 TX IVF or TX ICSI
S13 TX ovari* N3 stimulat*
S14 TX ovar* N3 hyperstimulat*
S15 TX embryo* N3 transfer*
S16 TX vitro fertilization
S17 S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16
S18 (MH "Clinical Trials+")
S19 PT Clinical trial
S20 TX clinic* n1 trial*
S21 TX ((trebl* n1 blind*) or (trebl* n1 mask*))
S22 TX ((singl* n1 blind*) or (singl* n1 mask*)) or TX ((doubl* n1 blind*) or
(doubl* n1 mask*)) or TX ((tripl* n1 blind*) or (tripl* n1 mask*)) or TX ((trebl*
n1 blind*) or (trebl* n1 mask*))
S23 TX randomi* control* trial*
S24 (MH "Random Assignment")
S25 TX random* allocat*
S26 TX placebo*
S27 (MH "Placebos")
S28 (MH "Quantitative Studies")
S29 TX allocat* random*
S30 S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27
OR S28 OR S29
S31 S9 AND S17 AND S30