

Supplementary File 2: Search algorithms**Medline Ovid**

- 1 exp Uterine Cervical Neoplasms/
- 2 (cervi* and (cancer* or tumor* or tumour* or neoplas* or malignan* or carcinom*)),mp.
- 3 exp Cervical Intraepithelial Neoplasia/
- 4 CIN.mp.
- 5 (cervi* and (intraepithel* or epithel* or dysplasia or pre-cancer* or precancer*)),mp.
- 6 or/1-5
- 7 exp Conization/
- 8 (conisation or conization).mp.
- 9 exp Laser Therapy/
- 10 laser.mp.
- 11 exp Cryotherapy/
- 12 cryotherapy.mp.
- 13 cold coagulation.mp.
- 14 exp Diathermy/
- 15 diatherm*.mp.
- 16 cone biopsy.mp.
- 17 loop.mp.
- 18 LLETZ.mp.
- 19 LEEP.mp.
- 20 ablat*.mp.
- 21 excision*.mp.
- 22 transformation zone.mp.
- 23 (CKC or LA or LC or CC or RD or TZ).mp.
- 24 (conservative and (method* or treatment* or intervention* or management)),mp.
- 25 or/7-24
- 26 6 and 25
- 27 exp Premature Birth/
- 28 (preterm or premature).mp.
- 29 exp Infant, Low Birth Weight/
- 30 birth weight.mp.
- 31 Perinatal Mortality/
- 32 perinatal mortality.mp.
- 33 exp Intensive Care, Neonatal/
- 34 (neonatal and intensive care).mp.
- 35 exp Fertility/
- 36 fertil*.mp.
- 37 conception.mp.
- 38 exp Pregnancy/
- 39 pregnancy.mp.
- 40 gestation*.mp.
- 41 exp Abortion, Spontaneous/
- 42 miscarriage*.mp.
- 43 exp Cesarean Section/
- 44 (cesarean or caesarean).mp.
- 45 exp Obstetric Labor, Premature/
- 46 exp Labor, Obstetric/
- 47 (labor or labour).mp.

48 Fetal Membranes, Premature Rupture/

49 pPROM.mp.

50 or/27-49

51 26 and 50

key:

mp=title, original title, abstract, name of substance word, subject heading word

Embase Ovid

1 exp uterine cervix tumor/

2 (cervi* and (cancer* or tumor* or tumour* or neoplas* or malignan* or carcinom*)).mp.

3 uterine cervix carcinoma in situ/

4 CIN.mp.

5 (cervi* and (intraepithel* or epithel* or dysplasia or pre-cancer* or precancer*)).mp.

6 or/1-5

7 uterine cervix conization/

8 (conisation or conization).mp.

9 low level laser therapy/

10 laser.mp.

11 exp cryotherapy/

12 cryotherapy.mp.

13 cold coagulation.mp.

14 diathermy/

15 diatherm*.mp.

16 cone biopsy.mp.

17 loop.mp.

18 LLETZ.mp.

19 LEEP.mp.

20 ablat*.mp.

21 excision*.mp.

22 transformation zone.mp.

23 (CKC or LA or LC or CC or RD or TZ).mp.

24 (conservative and (method* or treatment* or intervention* or management)).mp.

25 or/7-24

26 6 and 25

27 prematurity/

28 (preterm or premature).mp.

29 exp low birth weight/

30 birth weight.mp.

31 perinatal mortality/

32 perinatal mortality.mp.

33 newborn intensive care/

34 (neonat* and intensive care).mp.

35 female fertility/

36 fertil*.mp.

37 conception/

38 conception.mp.

39 exp pregnancy/

40 pregnancy.mp.

41 gestation*.mp.

42 spontaneous abortion/

43 miscarriage*.mp.
 44 cesarean section/
 45 (cesarean or caesarean).mp.
 46 premature labor/
 47 (labor or labour).mp.
 48 premature fetus membrane rupture/
 49 pPROM.mp.
 50 or/27-49
 51 26 and 50
 key:

mp=title, abstract, subject headings, heading word, drug trade name, original title,
 device manufacturer, drug manufacturer name

CENTRAL

#1 MeSH descriptor **Uterine Cervical Neoplasms** explode all trees
 #2 cervi* and (cancer* or tumor* or tumour* or neoplas* or malignan* or carcinom*)
 #3 MeSH descriptor **Cervical Intraepithelial Neoplasia** explode all trees
 #4 CIN
 #5 cervi* and (intraepithel* or epithel* or dysplasia or pre-cancer* or precancer*)
 #6 (#1 OR #2 OR #3 OR #4 OR #5)
 #7 MeSH descriptor **Conization** explode all trees
 #8 conisation or conization
 #9 MeSH descriptor **Laser Therapy** explode all trees
 #10 laser
 #11 MeSH descriptor **Cryotherapy** explode all trees
 #12 cryotherapy
 #13 cold coagulation
 #14 MeSH descriptor **Diathermy** explode all trees
 #15 diatherm*
 #16 cone biopsy
 #17 loop
 #18 LLETZ
 #19 LEEP
 #20 ablat*
 #21 excision*
 #22 transformation zone
 #23 CKC or LA or LC or CC or RD or TZ
 #24 conservative and (method* or treatment* or intervention* or management)
 #25 (#7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17 OR #18 OR #19 OR #20 OR #21 OR #22 OR #23 OR #24)
 #26 (#6 AND #25)
 #27 MeSH descriptor **Premature Birth** explode all trees
 #28 preterm or premature
 #29 MeSH descriptor **Infant, Low Birth Weight** explode all trees
 #30 birth weight
 #31 MeSH descriptor **Perinatal Mortality** explode all trees
 #32 perinatal mortality
 #33 MeSH descriptor **Intensive Care, Neonatal** explode all trees
 #34 neonat* and (intensive care)
 #35 MeSH descriptor **Fertility** explode all trees
 #36 fertil*

#37 conception
#38 MeSH descriptor **Pregnancy** explode all trees
#39 pregnancy
#40 gestation*
#41 MeSH descriptor **Abortion, Spontaneous** explode all trees
#42 miscarriage*
#43 MeSH descriptor **Cesarean Section** explode all trees
#44 cesarean or caesarean
#45 MeSH descriptor **Obstetric Labor, Premature** explode all trees
#46 MeSH descriptor **Labor, Obstetric** explode all trees
#47 labor or labour
#48 MeSH descriptor **Fetal Membranes, Premature Rupture** explode all trees
#49 pPROM
#50 (#27 OR #28 OR #29 OR #30 OR #31 OR #32 OR #33 OR #34 OR #35 OR #36
OR #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)
#51 (#26 AND #50)