

### 6.3 Appendix C: Search terms for Human Papillomavirus systematic review

#### EMBASE (as at 17.09.06)

Notes – Limit applied – Human, RCT. However, no publication type RCT limitation in EMBASE, thus combination of controlled vocabulary (EMTREE) and free text terms used. Some items thus retrieved were not RCTs.

No other limits applied (date, language, etc) to minimise introduction of bias.

Also some false hits with use of HPV\$ as retrieves MMR vaccine component HPV-77.

As database only allows exportation of 200 records at a time, records have been amalgamated and edited in into the one document (hence, numbering in batches of 1–200).

Database: EMBASE <1980 to 2006 Week 37>

Search Strategy:

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- 1 exp papilloma virus/ (16669)
- 2 hpv\$.tw. (11608)
- 3 human papillomavirus\$.tw. (10657)
- 4 human papilloma virus\$.tw. (1730)
- 5 gardasil\$.tw. (41)
- 6 cervarix\$.tw. (34)
- 7 exp Wart Virus Vaccine/ (212)
- 8 exp Vaccine/ (91018)
- 9 vaccin\$.tw. (88051)
- 10 exp IMMUNIZATION/ (80453)
- 11 or/1-4 (19154)
- 12 or/5-7 (243)
- 13 or/8-10 (144418)
- 14 11 and 13 (1868)
- 15 12 or 14 (1905)
- 16 exp Comparative Study/ (251046)
- 17 Randomized Controlled Trial/ (109416)
- 18 exp RANDOMIZATION/ (20387)
- 19 Single Blind Procedure/ (6084)
- 20 Double Blind Procedure/ (61192)
- 21 Crossover Procedure/ (17853)
- 22 Clinical Trial/ (394248)
- 23 randomi?ed controlled trial\$.tw. (21504)
- 24 rct\$.tw. (2887)
- 25 (random\$ adj2 allocat\$).tw. (11189)
- 26 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj3 (blind\$ or mask\$)).tw. (81994)
- 27 (control\$ adj2 trial\$).tw. (53735)
- 28 or/16-27 (694573)
- 29 15 and 28 (458)
- 30 exp Case Study/ (4357)
- 31 case report\$.tw. (117807)
- 32 Letter/ (334151)
- 33 editorial.pt. (164885)
- 34 review.pt. (676152)
- 35 or/30-34 (1289480)
- 36 29 not 35 (235)
- 37 limit 36 to human (226)
- 38 17 and 37 (22)
- 39 from 38 keep 1-22 (22)
- 40 37 (226)
- 41 from 40 keep 1-199 (199)

## MEDLINE (as at 17.09.06)

Notes – Limits applied – Human, RCT (both as publication type and as combination of MesH and free text terms as per strategy below).

No other limits applied (date, language, etc) to minimise introduction of bias.

Some false hits with use of HPV\$ as retrieves Rubella vaccine HPV-77.

Database: Ovid MEDLINE(R) 1966 to Present with Daily Update  
Search Strategy:

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- 1 exp Papillomavirus, Human/ (10180)
  - 2 exp Papillomavirus Infections/ (9150)
  - 3 hpv\$.tw. (14068)
  - 4 human papillomavirus\$.tw. (12947)
  - 5 human papilloma virus\$.tw. (2141)
  - 6 gardasil\$.tw. (0)
  - 7 cervarix\$.tw. (1)
  - 8 exp Vaccines/ (118380)
  - 9 vaccin\$.tw. (128504)
  - 10 exp Immunization/ (103942)
  - 11 Comparative Study/ (1349008)
  - 12 exp Double-Blind Method/ (91075)
  - 13 exp Random Allocation/ (58870)
  - 14 exp Randomized Controlled Trials/ (48201)
  - 15 exp Single-Blind Method/ (10636)
  - 16 exp Clinical Trials/ (194802)
  - 17 randomi?ed controlled trial\$.tw. (24823)
  - 18 (clinic\$ adj1 trial\$).tw. (106741)
  - 19 ((singl\$ or doubl\$ or treb\$ or tripl\$) adj3 (blind\$ or mask\$)).tw. (87646)
  - 20 (random\$ adj2 allocat\$).tw. (12385)
  - 21 (control\$ adj2 trial\$).tw. (60632)
  - 22 or/1-7 (23477)
  - 23 or/8-10 (216105)
  - 24 or/11-21 (1669058)
  - 25 22 and 23 (1880)
  - 26 24 and 25 (389)
  - 27 25 (1880)
  - 28 limit 27 to (controlled clinical trial or randomized controlled trial) (50)
  - 29 letter.pt. (579107)
  - 30 news.pt. (104815)
  - 31 historical article.pt. (233546)
  - 32 review.pt. (1263748)
  - 33 case reports.pt. (1282449)
  - 34 editorial.pt. (197801)
  - 35 bibliography.pt. (12938)
  - 36 interview.pt. (17533)
  - 37 or/29-36 (3458027)
  - 38 26 or 28 (408)
  - 39 38 not 37 (260)
  - 40 limit 39 to humans (200)
  - 41 from 40 keep 1-200 (200)

## Human Papillomavirus vaccines – Cochrane Library (as at 17.09.06)

Notes – No limits applied (date, language, etc) to minimise introduction of bias.

Some false hits with use of HPV\* as retrieves MMR vaccine component HPV-77.

### Current Search History

ID	Search	Hits
#1	<a href="#">MeSH descriptor <b>Papillomavirus, Human</b> explode all trees</a>	175
#2	<a href="#">MeSH descriptor <b>Papillomavirus Infections</b> explode all trees</a>	342
#3	<a href="#">hpv*</a>	289
#4	<a href="#">human papillomavirus*</a>	318
#5	<a href="#">human papilloma virus*</a>	56
#6	<a href="#">gardasil*</a>	1
#7	<a href="#">cervarix*</a>	1
#8	<a href="#">MeSH descriptor <b>Vaccines</b> explode all trees</a>	4665
#9	<a href="#">vaccin*</a>	7104
#10	<a href="#">MeSH descriptor <b>Immunization</b> explode all trees</a>	2805
#11	<a href="#">(#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7)</a>	614
#12	<a href="#">(#8 OR #9 OR #10)</a>	7682
#13	<a href="#">(#11 AND #12)</a>	57

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57 results – distributed across Cochrane Library databases as follows:

- 2 Cochrane Library Database of Systematic Reviews
- 1 Cochrane Library Health Technology Assessment Database
- 47 Cochrane Library Central Register of Controlled Trials
- 7 Cochrane Library NHS Economic Evaluation Database