

# Search strategies for systematic review of RCTs of Haemophilus influenzae type b conjugate vaccines: efficacy and immunogenicity

2010 searches conducted May 18<sup>th</sup> 2010, 2012 searches conducted June 21<sup>st</sup> 2012

## 1. Medline

Seaches conducted in Ovid

2010 search

- 1 exp Haemophilus Vaccines/
- 2 exp Haemophilus Influenzae type b/
- 3 exp haemophilus influenzae type b.ab,ti
- 4 exp hemophilus influenzae type b.ab,ti
- 5 exp haemophilus influenza type b.ab,ti
- 6 exp hemophilus influenzae type b.ab,ti
- 7 2 or 3 or 4 or 5 or 6
- 8 exp \*vaccines/
- 9 immunization/ or vaccination/
- 10 exp Immunization Programs/
- 11 8 or 9 or 10
- 12 7 and 11
- 13 1 or 12

2012 search (restricted to trials and to publications 2009 onwards)

- 1 exp Haemophilus Vaccines/
- 2 exp haemophilus influenzae type b/
- 3 haemophilus influenzae type b.ab,ti.
- 4 hemophilus influenzae type b.ab,ti.
- 5 haemophilus influenza type b.ab,ti.
- 6 hemophilus influenza type b.ab,ti.
- 7 2 or 3 or 4 or 5 or 6
- 8 exp \*vaccines/
- 9 immunization/ or vaccination/
- 10 exp immunization Programs/
- 11 8 or 9 or 10
- 12 7 and 11
- 13 1 or 12
- 14 randomi?ed controlled trial.pt.
- 15 controlled clinical trial.pt.
- 16 randomi?ed.ab.
- 17 placebo.ab.
- 18 drug therapy.fs.
- 19 randomly.ab.
- 20 trial.ab.
- 21 groups.ab.
- 22 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21
- 23 exp animals/ not humans.sh.
- 24 22 not 23
- 25 13 and 24
- 26 limit 25 to yr="2009 -Current"150

## 2. Cochrane library

2010 search

- 1 MeSH descriptor Haemophilus Vaccines explode all trees
- 2 (haemophilus influenzae):ti,ab,kw OR (hemophilus influenzae):ti,ab,kw OR (hib):ti,ab,kw
- 3 (vaccin\*):ti,ab,kw OR (immuniz\*):ti,ab,kw OR (immunis\*):ti,ab,kw
- 4 (#2 AND #3)
- 5 (#1 OR #4)

2012 search

- 1 MeSH descriptor Haemophilus Vaccines explode all trees
- 2 (haemophilus influenzae):ti,ab,kw OR (hemophilus influenzae):ti,ab,kw OR (hib):ti,ab,kw
- 3 (vaccin\*):ti,ab,kw OR (immuniz\*):ti,ab,kw OR (immunis\*):ti,ab,kw
- 4 (#2 AND #3)
- 5 (#1 OR #4), from 2009 to 2012

In both searches clinical trials, Cochrane reviews and other reviews were exported for eligibility screening

## 3. World Health Organization International Clinical Trials Registry Platform

2010 search

- 1 Haemophilus influenzae AND vaccin\*
- 2 Hib AND vaccin\*
- 3 Haemophilus influenzae AND immuni\*
- 4 Hib AND immuni\*

Searches manually combined and deduplicated

**The Data Providers of the ICTRP Search Portal were:**

- Australian New Zealand Clinical Trials Registry (ANZCTR)
- Chinese Clinical Trial Register (ChiCTR)
- Clinical Research Information Service (CRiS), Republic of Korea
- ClinicalTrials.gov
- Clinical Trials Registry - India (CTRI)
- Cuban Public Registry of Clinical Trials (RPCEC)
- EU Clinical Trials Register (EU-CTR)
- German Clinical Trials Register (DRKS)
- Iranian Registry of Clinical Trials (IRCT)
- ISRCTN.org
- Japan Primary Registries Network (JPRN)
- Pan African Clinical Trial Registry (PACTR)
- Sri Lanka Clinical Trials Registry (SLCTR)
- The Netherlands National Trial Register (NTR)

In June 2012 eligible trial registrations found in the 2010 search were checked for new publications.

## 4. Current Controlled Trials metaRegister of Controlled Trials (mRCT), active registers

2010 search only

Hib OR haemophilus influenzae OR hemophilus influenzae

## 5. Current Controlled Trials metaRegister of Controlled Trials (mRCT), archived registers

2010 search only

Hib OR haemophilus influenzae OR hemophilus influenzae

## **6. US Food and Drug Agency (FDA)**

2010 search only  
Manual search for Hib containing vaccines

## **7. European Medicines Agency (EMA)**

2010 search only  
Manual search of EPARS for Hib containing vaccines

## **8. African Index Medicus (AIM)**

2010 and 2012 searches

- 1 Haemophilus AND influenzae
- 2 Hemophilus AND influenzae
- 3 Hib
- 4 Haemophilus
- 5 Hemophilus

Searches manually combined and deduplicated

## **9. Latin American and Caribbean Health Sciences Literature (LILACS)**

2010 and 2012 searches  
(Haemophilus influenzae OR Hib) AND (vacc\$ or vacun\$ or immuniz\$ or immunis\$) [Words]  
OR Haemophilus vaccines [Subject descriptor]

## **10. IndMED**

2010 and 2012 searches  
(haemophilus influenzae) or (Hib) or (hemophilus influenzae)

## **Manufacturers**

2010 search

### **11. GSK**

Manual search for Hib containing vaccines

### **12. Wyeth/Pfizer**

Manual search of both Wyeth and Pfizer websites for Hib containing vaccines

### **13. Novartis**

Manual search for Hib containing vaccines

### **14. Sanofi Pasteur**

Manual search for Hib containing vaccines

### **15. Merck**

Manual search for Hib containing vaccines

### **16. Panacea Biotech**

Manual search for Hib containing vaccines

### **17. Serum institute India:**

Manual search for Hib containing vaccines

### **18. Bio-Manguinhos**

Manual search for Hib containing vaccines

**19. Bharat Biotech**

Manual search for Hib containing vaccines

**20. Biological E**

Manual search for Hib containing vaccines

**21. Shantha Biotech**

Manual search for Hib containing vaccines

2012 search

A list was created of trials that were located in the 2010 search and considered eligible for the review. In 2012 we actively searched for results that had been published online or in journals since the previous search in 2010 for all trials on the list.