

Appendix 1- Search strategies for RCTs

Database	Period of Search	Date of Search	Search Strategy	Results
Pubmed	1946 to search date	June 2013	("Laryngectomy"[Mesh] OR laryngectomy OR laryngectomies) AND (((("Mouth"[Mesh] OR mouth or oral or oris or enteral or enteric) AND ("Feeding Methods"[Mesh] OR "Nutritional Support"[Mesh] OR feed OR feeds OR feeding OR nutrition OR nutritional)) OR "Enteral Nutrition"[Mesh]) AND ((randomized controlled trial [pt] OR controlled clinical trial [pt] OR randomized [tiab] OR placebo [tiab] OR drug therapy [sh] OR randomly [tiab] OR trial [tiab] OR groups [tiab]) NOT (animals [mh] NOT humans [mh])) 1. exp laryngectomy/ 2. (laryngectomy or laryngectomies).af. 3. 1 or 2 4. exp mouth/ 5. (mouth or oral or oris or enteral or enteric).af. 6. 4 or 5 7. exp feeding/ 8. (feed or feeds or feeding or nutrition or nutritional).af. 9. 7 or 8 10. 6 and 9 11. exp enteric feeding/ 12. 10 or 11 13. 3 and 12 14. exp crossover-procedure/ or exp double-blind procedure/ or exp randomized controlled trial/ or single-blind procedure/ 15. (((((random* or factorial* or crossover* or cross over* or cross-over* or placebo* or double*) adj blind*) or single*) adj blind*) or assign* or allocat* or volunteer*).af. 16. 14 or 15 17. 13 and 16 Cochrane: (Issue 5, 2013): 13 hits #1 MeSH descriptor: [Laryngectomy] explode all trees #2 (laryngectomy or laryngectomies) #3 #1 or #2 #4 MeSH descriptor: [Mouth] explode all trees #5 (mouth or oral or oris or enteral or enteric) #6 #4 or #5 #7 MeSH descriptor: [Feeding Methods] explode all trees #8 MeSH descriptor: [Nutritional Support] explode all trees #9 (feed or feeds or feeding or nutrition or nutritional) #10 #7 or #8 or #9 #11 #6 and #10 #12 MeSH descriptor: [Enteral Nutrition] explode all trees #13 #11 or #12 #14 #3 and #13 #1 TS=(laryngectomy or laryngectomies) #2 TS=(mouth or oral or oris or enteral or enteric) #3 TS=(feed or feeds or feeding or nutrition or nutritional) #4 TS=(random* OR rct* OR crossover OR masked OR blind* OR placebo* OR meta-analysis OR systematic review* OR meta-analys*) #5 #4 AND #3 AND #2 AND #1	28
Embase	1947 to search date	June 2013	16. 14 or 15 17. 13 and 16 Cochrane: (Issue 5, 2013): 13 hits #1 MeSH descriptor: [Laryngectomy] explode all trees #2 (laryngectomy or laryngectomies) #3 #1 or #2 #4 MeSH descriptor: [Mouth] explode all trees #5 (mouth or oral or oris or enteral or enteric) #6 #4 or #5 #7 MeSH descriptor: [Feeding Methods] explode all trees #8 MeSH descriptor: [Nutritional Support] explode all trees #9 (feed or feeds or feeding or nutrition or nutritional) #10 #7 or #8 or #9 #11 #6 and #10 #12 MeSH descriptor: [Enteral Nutrition] explode all trees #13 #11 or #12 #14 #3 and #13 #1 TS=(laryngectomy or laryngectomies) #2 TS=(mouth or oral or oris or enteral or enteric) #3 TS=(feed or feeds or feeding or nutrition or nutritional) #4 TS=(random* OR rct* OR crossover OR masked OR blind* OR placebo* OR meta-analysis OR systematic review* OR meta-analys*) #5 #4 AND #3 AND #2 AND #1	10
Science citation index	1900 to search date	June 2013	#1 TS=(laryngectomy or laryngectomies) #2 TS=(mouth or oral or oris or enteral or enteric) #3 TS=(feed or feeds or feeding or nutrition or nutritional) #4 TS=(random* OR rct* OR crossover OR masked OR blind* OR placebo* OR meta-analysis OR systematic review* OR meta-analys*) #5 #4 AND #3 AND #2 AND #1	8
WHO trials register*		June 2013	("Laryngectomy"[Mesh] OR laryngectomy OR laryngectomies)	25

*(<http://apps.who.int/trialsearch/default.aspx>)

Appendix 2 Search strategies for assessment of harm studies

Database	Period of Search	Date of search	Search Strategy	Results
Pubmed	1946 to search date	June 2013	<p>("Laryngectomy"[Mesh] OR laryngectomy OR laryngectomies) AND (((("Mouth"[Mesh] OR mouth or oral or oris or enteral or enteric) AND ("Feeding Methods"[Mesh] OR "Nutritional Support"[Mesh] OR feed OR feeds OR feeding OR nutrition OR nutritional)) OR "Enteral Nutrition"[Mesh]) NOT (animals [mh] NOT humans [mh]))</p> <ol style="list-style-type: none"> 1. exp laryngectomy/ 2. (laryngectomy or laryngectomies).af. 3. 1 or 2 4. exp mouth/ 5. (mouth or oral or oris or enteral or enteric).af. 6. 4 or 5 7. exp feeding/ 8. (feed or feeds or feeding or nutrition or nutritional).af. 9. 7 or 8 10. 6 and 9 11. exp enteric feeding/ 12. 10 or 11 13. 3 and 12 	151
Embase	1947 to search date	June 2013	<ol style="list-style-type: none"> 1. exp laryngectomy/ 2. (laryngectomy or laryngectomies).af. 3. 1 or 2 4. exp mouth/ 5. (mouth or oral or oris or enteral or enteric).af. 6. 4 or 5 7. exp feeding/ 8. (feed or feeds or feeding or nutrition or nutritional).af. 9. 7 or 8 10. 6 and 9 11. exp enteric feeding/ 12. 10 or 11 13. 3 and 12 	49