

Appendix 1 (as supplied by the authors): Literature search

Table 1: Search terms used to search the electronic databases.

Search terms	
1	Helmet
2	Helmet use
3	Head injury
4	Head trauma
5	Skiing
6	Snowboarding
7	Head protective devices
8	Craniocerebral trauma

Table 2: Results of literature search and study inclusion.

Database	Search terms	Number of hits	Number of potentially relevant	Number selected (additional to previous searches)
MEDLINE (1950 to November 2008)	7 OR 8 AND (5 OR 6)	45	14	5
Academic Search Complete (1948 to November 2008)	(1 OR 2) AND (3 OR 4) AND (5 OR 6)	47	17	0
SPORTDiscus (1982 to November 2008)	(1 OR 2) AND (3 OR 4) AND (5 OR 6)	19	8	0
EMBASE (1980 to November 2008)	1 AND 3 AND (5 OR 6)	28	9	0
PubMED (1948 to November 2008)	(1 OR 2) AND (3 OR 4) AND (5 OR 6)	43	14	0
International Society of Skiing Safety Conference (1 st to 16 th conferences)	NA	NA	7	4
SafetyLit	5 6	116 73	12 10	0 0
Grey literature search (Proquest, UofC database search, prior knowledge of studies)	5 OR 6 (Proquest) (1 OR 2) AND (3 OR 4) AND (5 OR 6) (UofC database)	203	23	3
Cochrane Central Register of Controlled Trials	(5 OR 6) AND 1	1	0	0
Cochrane Database of Systematic Reviews	(5 OR 6)	0	0	0
Database of Abstracts of Reviews of Effects	(5 OR 6)	1	0	0
Reference list of included studies	NA	NA		
Total unique studies			36	12