Appendix 1

Table showing search strategy used for EMBASE

	EMBASE via Ovid
1	Shoulder dislocation/
2	((shoulder* or glenohumeral or scapulohumeral) adj4 (dislocat* or sublux* or instab* or luxation or apprehen*)).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
3	recurrent shoulder dislocation/
4	1 or 2 or 3
5	exp shoulder/
6	((shoulder or glenohumeral or scapulohumeral) adj4 joint*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
7	5 or 6
8	joint instability/
9	(instab* or hypermobil* or laxit*).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
10	8 or 9
11	7 and 10
12	4 or 11
13	exp brain/
14	(brain* or neural or cortex or cortical or somatosensory).mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
15	tactile discrimination.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
16	graph?esthesia.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
17	tactile acuity.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
18	cortical reorgani?ation.mp. [mp=title, abstract, heading word, drug trade name, original title, device manufacturer, drug manufacturer, device trade name, keyword, floating subheading word, candidate term word]
19	13 or 14 or 15 or 16 or 17 or 18
20	12 and 19

Search strategy for EMBASE database