

Appendix Table I. Search Strategy

| MEDLINE                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Pubmed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Embase                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 Arthrodesis.mp. or ARTHRODESIS/ (13667)</p> <p>2 Fusion.mp. (259391)</p> <p>3 Treatment.mp. or Therapeutics/ (4174207)</p> <p>4 Management.mp. or PAIN MANAGEMENT/ (1071968)</p> <p>5 1 or 2 or 3 or 4 (5094388)</p> <p>6 MUSCULAR DYSTROPHY, FACIOSCAPULOHUMERAL/ or Facioscapulohumeral.mp. (1228)</p> <p>7 Dejerine.mp. (467)</p> <p>8 Landouzy-Dejerine.mp. (43)</p> <p>9 Landouzy.mp. (73)</p> <p>10 6 or 7 or 8 or 9 (1702)</p> <p>11 5 and 10 (241)</p> | <p>((("organization and administration"[MeSH Terms] OR ("organization"[All Fields] AND "administration"[All Fields]) OR "organization and administration"[All Fields] OR "management"[All Fields] OR "disease management"[MeSH Terms] OR ("disease"[All Fields] AND "management"[All Fields]) OR "disease management"[All Fields]) OR ("therapy"[Subheading] OR "therapy"[All Fields] OR "treatment"[All Fields] OR "therapeutics"[MeSH Terms] OR "therapeutics"[All Fields])) OR ("Nucl Eng Des/Fusion"[Journal] OR "FUSION"[Journal] OR "fusion"[All Fields])) OR ("arthrodesis"[MeSH Terms] OR "arthrodesis"[All Fields])) AND (((Facioscapulohumeral[All Fields] OR Landouzy-Dejerine[All Fields]) OR Landouzy[All Fields]) OR Dejerine[All Fields])</p> | <p>1 Arthrodesis.mp. or arthrodesis/ (16520)</p> <p>2 fusion.mp. (222527)</p> <p>3 treatment outcome/ or Treatment.mp. (5684675)</p> <p>4 Management.mp. or disease management/ (2051353)</p> <p>5 1 or 2 or 3 or 4 (7238813)</p> <p>6 facioscapulohumeral muscular dystrophy/ or Facioscapulohumeral.mp. (1940)</p> <p>7 Landouzy.mp. (64)</p> <p>8 Landouzy-Dejerine.mp. (40)</p> <p>9 Dejerine.mp. (539)</p> <p>10 6 or 7 or 8 or 9 (2471)</p> <p>11 5 and 10 (449)</p> |

Appendix Table II. MINORS Score

|                     | A<br>clearly<br>stated<br>claim | Inclusi<br>on of<br>consec<br>utive<br>patients | Prospecti<br>ve<br>collectio<br>n of data | Endpoints<br>appropriate<br>to the aim<br>of the study | Unbiased<br>assessment<br>of the study<br>endpoint | Follow-up<br>period<br>appropriate<br>to the aim<br>of the study | Loss to<br>follow up<br>less than<br>5% | Prospectiv<br>e<br>calculatio<br>n of the<br>study size | Tota<br>l |
|---------------------|---------------------------------|-------------------------------------------------|-------------------------------------------|--------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------|-----------|
| Andrews<br>et. al   | 2                               | 1                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 9         |
| Berne at<br>al.     | 2                               | 1                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 9         |
| Bhatia et<br>al.    | 2                               | 0                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 8         |
| Bunch et.<br>al     | 2                               | 1                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 9         |
| Cooney<br>et al.    | 2                               | 2                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 1                                       | 2                                                       | 11        |
| Copeland<br>et al.  | 2                               | 0                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 8         |
| Copeland<br>et al.  | 2                               | 0                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 8         |
| Demirhan<br>et al.  | 2                               | 1                                               | 2                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 11        |
| Diab et<br>al.      | 2                               | 1                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 9         |
| Le et al.           | 2                               | 1                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 9         |
| McKenzi<br>e et al. | 1                               | 0                                               | 0                                         | 1                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 6         |
| Rhee et<br>al.      | 2                               | 0                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 8         |
| Twyman<br>et al.    | 2                               | 1                                               | 0                                         | 2                                                      | 0                                                  | 2                                                                | 2                                       | 0                                                       | 9         |
| Tongel et<br>l.     | 2                               | 1                                               | 1                                         | 2                                                      | 0                                                  | 2                                                                | 1                                       | 0                                                       | 9         |

