

Appendix e-1 Search strategy performed in PubMed and Embase

| Pubmed | |
|-------------------------|---|
| Lumbar radiculopathy | (((((((((Lumbar-Vertebrae) OR Hernia) OR Sciatic-Neuropathy) OR Sciatica) OR Intervertebral-Disk-Chemolysis) OR Intervertebral-Disk-Displacement) OR Intervertebral-Disk)) OR ((((((herni* pulposi*[Title/Abstract]) OR (((lumbosacral OR lumbar) radiculopathy) OR radiculitis[Title/Abstract]))) OR (((lumbar OR vertebrae) AND hernia* AND (disc?? OR prolapse?)))) OR herni* lumb*[Title/Abstract]) OR herniat* dis??[Title/Abstract]) OR radicul* syndrome[Title/Abstract])))) |
| Work-related exposure | sport* OR work* OR occupation* |
| Epidemiological studies | random*[tiab] OR cohort*[tiab] OR risk*[tiab] OR causa*[tiab] OR predispos*[tiab] OR odds ratio[mh] OR case control* OR odds ratio* OR controlled clinical trial [pt] OR randomized controlled trial [pt] OR risk[mh] OR practice guideline[pt] OR epidemiologic studies[mh] OR case control studies[mh] OR cohort studies[mh] OR age factors[mh] OR comorbidity[mh] OR epidemiologic factors[mh] |
| Embase | |
| Lumbar radiculopathy | lumbar-Vertebrae.mp. or exp lumbar vertebra/ or exp hernia/ or exp lumbar disk hernia/ or exp intervertebral disk hernia/ or Hernia.mp or Sciatica.mp or exp sciatica/ or exp intervertebral disk hernia/ or exp lumbar disk hernia or Intervertebral-Disk.mp or exp intervertebral disk/ or exp "nerve root compression"/ or exp radiculopathy/ or exp intervertebral disk hernia/ or exp ischialgia/ or lumbar radiculopathy.mp or exp radiculopathy/ or radicul* syndrome.mp or exp intervertebral disk hernia |
| Work-related exposure | (sport* OR work* OR occupation*).mp |
| Epidemiological studies | (random* or cohort* or risk* or causa* or predispos* or odds ratio or case control* or odds ratio* or controlled clinical trial or randomized controlled trial or risk or practice guideline or epidemiologic studies or case control studies or cohort studies or age factors or comorbidity or epidemiologic factors).mp |