**Appendix 2.** Search Strategy – MEDLINE database

**MEDLINE (OvidSP)**

**Children and adolescents**

1. exp pediatrics/
2. exp infant/
3. exp child/
4. exp adolescent/
5. (paediatr\* or pediatr\* or infant\* or child\* or teenage\* or adolescen\*).tw.
6. 1 or 2 or 3 or 4 or 5

**Back Pain**

1. dorsalgia.ti,ab.
2. exp Back Pain/
3. backache.ti,ab.
4. exp low back pain/
5. (lumbar adj pain).ti,ab.
6. coccyx.ti,ab.
7. coccydynia.ti,ab.
8. sciatica.ti,ab.
9. lumbago.ti,ab.
10. back disorder$.ti,ab.
11. thoracic pain.mp.
12. lumbosacral pain.mp.
13. 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18

**Study design**

1. exp controlled clinical trial/ or Randomi\* controlled trial.mp.
2. clinical trial/
3. exp prospective study/
4. (random\* adj7 (allocat\* or allot\* or assign\* or basis\* or divid\* or order\*)).tw.
5. ((allocat\* or allot\* or assign\* or divid\*) adj3 (condition\* or experiment\* or intervention\* or treatment\* or therap\* or control\* or group\*)).tw.
6. cohort study.mp.
7. follow up/ or exp longitudinal study/
8. prevalence/ or exp cross-sectional study/ or risk factor/ or cross- sectional study/
9. 20 or 21 or 22 or 23 or 24 or 25 or 26 or 27

 **6 and 19 and 28**