**Appendix S1:** Example of database search strategies

**MEDLINE:**

1. Classification/
2. Symptom Assessment/
3. classif\*.ti,ab
4. measure\*.ti,ab
5. instrument.ti,ab
6. assess\*.ti,ab
7. tool\*.ti,ab
8. 1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7
9. exp brain damage, chronic/or cerebral palsy/ or exp brain injuries/ or \*encephalomalacia/ or \*leukomalacia, periventricular/ or \*hypoxia, brain/ or \*hypoxia-ischaemia, brain/ or \*movement disorders/ or exp dyskinesias/ or exp dystonic disorders/
10. \*hemiplegia/ or \*quadriplegia/
11. dystoni\*.ti,ab
12. spastic\*.ti,ab
13. diplegi\*.ti,ab
14. quadriplegi\*.ti,ab
15. brain injur\*.ti,ab
16. CP.ti,ab
17. neurologic\*.ti,ab
18. dyskine\*.ti,ab
19. atheto\*.ti,ab
20. cerebral pals\*.ti,ab
21. hemipleg\*.ti,ab
22. 9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21
23. exp Vision, Ocular/
24. exp Vision Disorders/
25. vision.ti,ab
26. visual.ti,ab
27. blindness.ti,ab
28. CVI.ti,ab
29. gaze.ti,ab
30. 23 OR 24 OR 25 OR 26 OR 27 OR 28 OR 29
31. 8 AND 22 AND 30
32. limit 31 to humans
33. limit 32 to “all infant (birth to 23 months)” or “all child (0 to 18 years)” or “newborn infant (birth to 1 month)” or “infant (1 to 23 months)” or “preschool child (2 to 5 years)” or “child (6 o 12 years)” or “adolescent (13 to 18 years)”