

Appendix 1: Search Strategy for Medline (Ovid)

1. exp Brain Hemorrhage, Traumatic/
2. exp Brain Injuries, Diffuse/
3. exp Brain Injuries, Traumatic/
4. exp Brain Injury, Chronic/
5. (Trauma* or Diffuse or chronic) adj3 (brain or cerebellar or cerebral or encephalopathy) adj3 (h*emorrhage or injur* or damage).ti,ab,kf.
6. (Diffuse Axonal Brain Injury).ti,ab,kf.
7. exp Shaken Baby Syndrome/ OR (Shaken Baby Syndrome).ti,ab,kf.
8. exp Head Injuries, Closed/
9. exp Head Injuries, Penetrating/
10. (Closed or nonpenetrating or blunt or penetrating) adj3 (head or brain or cranial or craniocerebral) adj3 (injur* or trauma).ti,ab,kf.
11. exp Intracranial Hemorrhage, Traumatic/
12. (Intracranial) adj1 (trauma* or h*ematoma or h*emorrhage).ti,ab,kf.
13. exp Coma, Post-Head Injury/
14. (Coma) adj1 (post-concussi* or post-trauma* or post-head injur* or trauma*).ti,ab,kf.
15. or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14
16. exp Pediatrics/
17. exp Child/
18. exp Infant/
19. exp Adolescent/
20. ("child" or "minors" or "adolescent" or "Teen*" or "Youth").ti,ab,kf.)
21. 6 or 17 or 18 or 19 or 20
22. mental processes/ or exp cognition/ or exp executive function/ or exp higher nervous activity/ or exp learning/ or exp perception/ or exp spatial navigation/ or exp thinking/
23. (Human) adj3 (information) adj3 (processing).ti,ab,kf.
24. exp cognitive neuroscience/
25. exp neurocognitive disorders/
26. (Delirium) adj3 (dementia) adj3 (amnesic) adj3 (cognitive) adj3 (disorders).ti,ab,kf.

27. exp neurobehavioral manifestations/ or exp communication disorders/ or exp confusion/ or exp consciousness disorders/ or exp intellectual disability/ or exp lethargy/ or exp memory disorders/ or exp perceptual disorders/ or exp psychomotor disorders/
28. (Mental or brain) adj3 (disorders or syndrome) adj3 (organic) adj3 (nonpsychotic).ti,ab,kf.
29. (psychoses) adj3 (traumatic).ti,ab,kf.
30. (cognitive or neurobehavioral) adj3 (manifestations or symptoms) adj3 (signs).ti,ab,kf.
31. exp neuropsychology/ OR (neuropsychol).ti,ab,kf.
32. exp neurodevelopmental disorders/ or exp anxiety, separation/ or exp "attention deficit and disruptive behavior disorders"/ or exp child behavior disorders/ or exp child development disorders, pervasive/ or exp communication disorders/ or exp developmental disabilities/ or exp intellectual disability/ or exp learning disorders/ or exp motor skills disorders/ or exp mutism/ or exp reactive attachment disorder/ or exp schizophrenia, childhood/ or exp stereotypic movement disorder/ or exp tic disorders/
33. (trauma and stressor related disorders).mp
34. 2 or 23 or 24 or 25 or 26 or 27 or 28 or 29 or 30 or 31 or 32 or 33
35. 5 and 21 and 34