

**Appendix 2.** Electronic search strategy for Medline.

1. "head trauma"
2. "head injury" OR "head injuries"
3. "brain trauma"
4. "brain injury" OR "brain injuries"
5. "cerebral trauma"
6. "cerebral injury" OR "cerebral injuries"
7. "craniocerebral trauma"
8. "craniocerebral injury" OR "craniocerebral injuries"
9. "TBI" or "traumatic brain injury" OR "traumatic brain injuries"
10. "brainstem trauma"
11. "brainstem injury" or "brainstem injuries"
12. "Head Injuries, Closed"[MeSH:NoExp]
13. "Brain Injuries"[MeSH:NoExp]
14. "Craniocerebral Trauma"[MeSH:NoExp]
15. "Brain Hemorrhage, Traumatic"[MeSH]
16. "Diffuse Axonal Injury"[MeSH:NoExp]
17. "Coma, Post-Head Injury"[MeSH:NoExp]
18. "Head Injuries, Penetrating"[MeSH:NoExp]
19. "Intracranial Hemorrhage, Traumatic"[MeSH]
20. "Skull Fractures"[MeSH]
21. #1 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 or #15 or #16 or #17 or #18 or #19 or #20

22. clinical trial [pt] OR randomized [tiab] OR placebo [tiab] OR clinical trials[mh]  
OR randomly[tiab] OR trial[ti]
23. "JAMA"[Journal]
24. "BMJ"[Journal]
25. "Lancet Neurol"[Journal]
26. "Lancet"[Journal]
27. "N Engl J Med"[Journal]
28. "CMAJ"[Journal]
29. "Ann Intern Med"[Journal]
30. "Crit Care Med"[Journal]
31. "Intensive Care Med"[Journal]
32. "Crit Care"[Journal]
33. "J Crit Care"[Journal]
34. "Am J Respir Crit Care Med"[Journal]
35. "J Trauma"[Journal]
36. "Neurology"[Journal]
37. "J Neurol Neurosurg Psychiatry"[Journal]
38. "J Neurotrauma"[Journal]
39. "Neurosurgery"[Journal]
40. "Neurocrit Care"[Journal]
41. #23-#40/or
42. #21 AND #22 AND #41
43. animals [mh] NOT humans [mh]

44. #42 not #43