

SEARCH DETAILS

Searches conducted in Medline and Medline in-process, Embase, Cochrane Central Register of Controlled Trials, PsycINFO. A supplemental search was conducted in Pubmed to identify non-Medline records. All searches were conducted from inception of the database to December 2016. All searches were limited to English. Searches were conducted by an Information Specialist (JB).

PRE-DUPLICATE REMOVAL

TOTAL Results: 29564

Medline: 9214

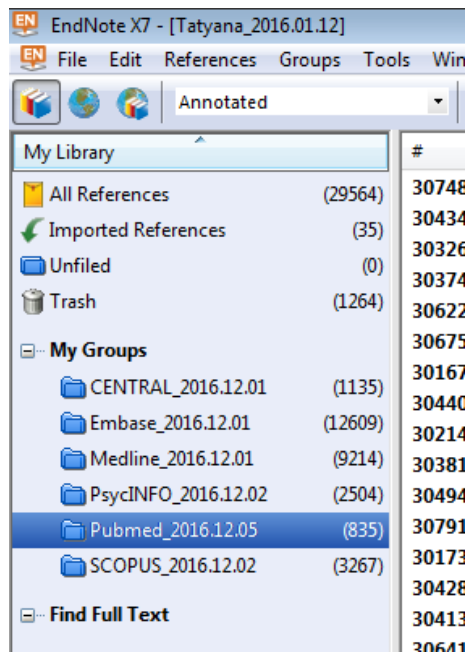
Embase: 12609

Central: 1135

PsycINFO: 2504

Scopus: 3267

Supplemental Pubmed search for NON-MEDLINE results: 835



The screenshot shows the EndNote X7 interface with a menu bar (File, Edit, References, Groups, Tools, Windows) and a toolbar. The main window displays a list of library folders under 'My Library'. The folders and their counts are: All References (29564), Imported References (35), Unfiled (0), Trash (1264), My Groups (expanded), CENTRAL_2016.12.01 (1135), Embase_2016.12.01 (12609), Medline_2016.12.01 (9214), PsycINFO_2016.12.02 (2504), Pubmed_2016.12.05 (835), and SCOPUS_2016.12.02 (3267). A column on the right shows numerical values, some of which are crossed out with a red 'X'.

Library Folder	Count	Value
All References	(29564)	30748
Imported References	(35)	30434
Unfiled	(0)	30326
Trash	(1264)	30374
My Groups		30622
CENTRAL_2016.12.01	(1135)	30675
Embase_2016.12.01	(12609)	30167
Medline_2016.12.01	(9214)	30440
PsycINFO_2016.12.02	(2504)	30214
Pubmed_2016.12.05	(835)	30381
SCOPUS_2016.12.02	(3267)	30494
Find Full Text		30791
		30173
		30428
		30413
		30641

POST-QUICK DUPLICATE REMOVAL

TOTAL Results: 22654

Duplicates Removed: 6910

Medline: 8197

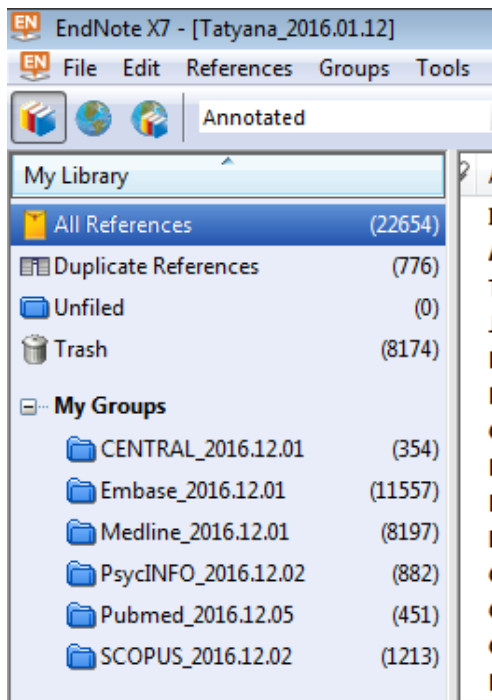
Embase: 11557

Central: 354

PsycINFO: 882

Scopus: 1213

Supplemental Pubmed search for NON-MEDLINE results: 451



SEARCH STRATEGIES

Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

Search Strategy:

-
- 1 exp brain injuries/ (62019)
 - 2 Craniocerebral Trauma/ (21460)
 - 3 exp Head Injuries, Closed/ (9310)
 - 4 exp Skull Fractures/ (20416)
 - 5 mTBI*2.tw. (1804)
 - 6 tbi*2.tw. (21603)
 - 7 concuss*.tw. (6210)
 - 8 ((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or hemispher* or intracran* or orbit*) adj2 (injur* or trauma* or lesion* or damag* or wound* or destruction* or swell* or oedema* or edema* or fracture* or contusion* or commotion* or pressur*)).tw. (175759)
 - 9 ((brain* or cerebr* or intracerebr* or crani* or intracran* or head* or subarachnoid* or subdural* or epidural* or extradural*) adj (haematoma* or hematoma* or hemorrhag* or haemorrhag* or pressur* or bleed*)).tw. (76211)
 - 10 or/1-9 (270610)
 - 11 exp Spinal Cord Injuries/ (44778)
 - 12 exp Central Cord Syndrome/ (83)
 - 13 (myelopathy adj3 (traumatic or post-traumatic)).tw,kw. (98)
 - 14 ((spine or spinal) adj3 (fracture* or wound* or trauma* or injur* or damag*)).tw,kw. (49823)
 - 15 (spinal cord adj3 (contusion* or laceration* or transaction* or trauma* or ischemi*)).tw,kw. (7108)

16 SCI.tw,kw. (30348)
17 exp Paraplegia/ (12903)
18 exp Quadriplegia/ (7861)
19 (paraplegia* or quadriplegia* or tetraplegia*).tw,kw. (16952)
20 Spinal Cord Compression/ (10657)
21 exp Cervical Vertebrae/in (7544)
22 central spinal cord syndrome.tw,kw. (10)
23 central cord injury syndrome.tw,kw. (1)
24 or/11-23 (108760)
25 Brain Death/ (8074)
26 (brain adj2 (death or dead)).tw,kw. (7913)
27 ((vegetat* or unawareness* or "minimally conscious") adj2 state*1).tw,kw. (3285)
28 (prolonged adj2 unawareness*).tw,kw. (10)
29 25 or 26 or 27 or 28 (14590)
30 (central nervous system adj2 trauma*).tw,kw. (334)
31 (CNS adj2 trauma*).tw,kw. (529)
32 10 or 24 or 29 or 30 or 31 (384413)
33 exp Cognition/ (142070)
34 exp Cognition Disorders/ (85970)
35 neurocognit*.tw,kw. (17260)
36 (cognitive or cognition).tw,kw. (316220)
37 Executive Function/ (10349)
38 (executive adj2 (function* or control*)).tw,kw. (23269)
39 exp Arousal/ (114735)
40 arous*.tw,kw. (32131)
41 attention*.tw,kw. (343363)
42 vigilan*.tw,kw. (17025)
43 or/33-42 (818304)
44 32 and 43 (29440)
45 (dementi* or alzheimer*).tw,kw. (188105)
46 exp dementia/ (154811)
47 45 or 46 (227210)
48 32 and 47 (8285)
49 exp clinical trial/ (816969)
50 exp Clinical Trials as Topic/ (323082)
51 multicenter studies as topic/ (17817)
52 (randomi?ed adj7 trial*).tw,kw. (309575)
53 (controlled adj3 trial*).tw,kw. (213828)
54 (clinical adj2 trial*).tw,kw. (309587)
55 ((single or doubl* or tripl* or treb*) and (blind* or mask*)).tw,kw. (174728)
56 ("4 arm" or "four arm").tw,kw. (928)
57 or/49-56 (1341652)
Annotation: Clinical trial SOURCE:
http://libguides.sph.uth.tmc.edu/search_filters/ovid_medline_filters
58 Case-Control Studies/ (250991)
59 Control Groups/ (1791)

- 60 Matched-Pair Analysis/ (4926)
- 61 retrospective studies/ (643251)
- 62 ((case* adj5 control*) or (case adj3 comparison*) or control group*).tw,kw.
(528797)
- 63 or/58-62 (1282282)

Annotation: Case control SOURCE:

http://libguides.sph.uth.tmc.edu/search_filters/ovid_medline_filters

- 64 cohort studies/ (233586)
- 65 longitudinal studies/ (120931)
- 66 follow-up studies/ (595123)
- 67 prospective studies/ (464936)
- 68 cohort.tw,kw. (404386)
- 69 longitudinal.tw,kw. (206890)
- 70 prospective.tw,kw. (477259)
- 71 retrospective.tw,kw. (391544)
- 72 or/64-71 (1958903)

Annotation: Cohort source:

http://libguides.sph.uth.tmc.edu/search_filters/ovid_medline_filters

- 73 controlled before-after studies/ or interrupted time series analysis/ (462)
- 74 57 or 63 or 72 or 73 (3688853)
- 75 44 and 74 (8776)
- 76 48 and 74 (1798)
- 77 75 or 76 (9756)
- 78 limit 77 to english language (9214)

Cochrane Central Register of Controlled Trials <October 2016>

Search Strategy:

-
- 1 exp brain injuries/ (1087)
 - 2 Craniocerebral Trauma/ (244)
 - 3 exp Head Injuries, Closed/ (156)
 - 4 exp Skull Fractures/ (178)
 - 5 mTBI*2.tw. (85)
 - 6 tbi*2.tw. (1060)
 - 7 concuss*.tw. (147)
 - 8 ((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or hemispher* or intracran* or orbit*) adj2 (injur* or trauma* or lesion* or damag* or wound* or destruction* or swell* or oedema* or edema* or fracture* or contusion* or commotion* or pressur*).tw. (5744)
 - 9 ((brain* or cerebr* or intracerebr* or crani* or intracran* or head* or subarachnoid* or subdural* or epidural* or extradural*) adj (haematoma* or hematoma* or hemorrhag* or haemorrhag* or pressur* or bleed*).tw. (4083)
 - 10 or/1-9 (9638)
 - 11 exp Spinal Cord Injuries/ (881)

- 12 exp Central Cord Syndrome/ (0)
- 13 (myelopathy adj3 (traumatic or post-traumatic)).tw,kw. (1)
- 14 ((spine or spinal) adj3 (fracture* or wound* or trauma* or injur* or damag*)).tw,kw. (2155)
- 15 (spinal cord adj3 (contusion* or laceration* or transaction* or trauma* or ischemi*)).tw,kw. (144)
- 16 SCI.tw,kw. (840)
- 17 exp Paraplegia/ (164)
- 18 exp Quadriplegia/ (142)
- 19 (paraplegia* or quadriplegia* or tetraplegia*).tw,kw. (355)
- 20 Spinal Cord Compression/ (77)
- 21 exp Cervical Vertebrae/in (3)
- 22 central spinal cord syndrome.tw,kw. (1)
- 23 central cord injury syndrome.tw,kw. (0)
- 24 or/11-23 (2772)
- 25 Brain Death/ (46)
- 26 (brain adj2 (death or dead)).tw,kw. (158)
- 27 ((vegetat* or unawareness* or "minimally conscious") adj2 state*1).tw,kw. (89)
- 28 (prolonged adj2 unawareness*).tw,kw. (0)
- 29 25 or 26 or 27 or 28 (254)
- 30 (central nervous system adj2 trauma*).tw,kw. (1)
- 31 (CNS adj2 trauma*).tw,kw. (3)
- 32 10 or 24 or 29 or 30 or 31 (12479)
- 33 exp Cognition/ (7913)
- 34 exp Cognition Disorders/ (3101)
- 35 neurocognit*.tw,kw. (1356)
- 36 (cognitive or cognition).tw,kw. (31319)
- 37 Executive Function/ (529)
- 38 (executive adj2 (function* or control*)).tw,kw. (2114)
- 39 exp Arousal/ (7319)
- 40 arous*.tw,kw. (3311)
- 41 attention*.tw,kw. (14257)
- 42 vigilan*.tw,kw. (1569)
- 43 or/33-42 (51427)
- 44 32 and 43 (1263)
- 45 (dementi* or alzheimer*).tw,kw. (8989)
- 46 exp dementia/ (3609)
- 47 45 or 46 (9451)
- 48 32 and 47 (142)
- 49 44 or 48 (1328)
- 50 limit 49 to english language (1135)

Embase <1974 to 2016 November 30>
 Search Strategy:

-
- 1 exp brain injury/ (158616)
 - 2 head injury/ (47431)
 - 3 mTBI*2.tw. (2626)
 - 4 tbi*2.tw. (31097)
 - 5 concuss*.tw. (7222)
 - 6 ((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or hemispher* or intracran* or orbit*) adj2 (injur* or trauma* or lesion* or damag* or wound* or destruction* or swell* or oedema* or edema* or fracture* or contusion* or commotion* or pressur*)).tw. (215012)
 - 7 ((brain* or cerebr* or intracerebr* or crani* or intracran* or head* or subarachnoid* or subdural* or epidural* or extradural*) adj (haematoma* or hematoma* or hemorrhag* or haemorrhag* or pressur* or bleed*)).tw. (97349)
 - 8 or/1-7 (357773)
 - 9 exp spinal cord injury/ (66659)
 - 10 spinal cord ischemia/ (3451)
 - 11 (myelopathy adj3 (traumatic or post-traumatic)).tw. (113)
 - 12 ((spine or spinal) adj3 (fracture* or wound* or trauma* or injur* or damag*)).tw. (59117)
 - 13 (spinal cord adj3 (contusion* or laceration* or transaction* or trauma* or ischemi*)).tw. (8264)
 - 14 SCI.tw. (37297)
 - 15 paraplegia/ (21869)
 - 16 quadriplegia/ (15330)
 - 17 (paraplegia* or quadriplegia* or tetraplegia*).tw. (19145)
 - 18 central spinal cord syndrome.tw. (8)
 - 19 central cord injury syndrome.tw. (1)
 - 20 or/9-19 (136685)
 - 21 brain death/ (12613)
 - 22 (brain adj2 (death or dead)).tw. (10828)
 - 23 ((vegetat* or unawareness* or "minimally conscious") adj2 state*1).tw. (4046)
 - 24 (prolonged adj2 unawareness*).tw. (12)
 - 25 21 or 22 or 23 or 24 (19386)
 - 26 (central nervous system adj2 trauma*).tw. (360)
 - 27 (CNS adj2 trauma*).tw. (602)
 - 28 8 or 20 or 25 or 26 or 27 (499222)
 - 29 exp cognition/ (1941327)
 - 30 cognitive defect/ (138285)
 - 31 neurocognit*.tw. (21396)
 - 32 (cognitive or cognition).tw. (380936)
 - 33 executive function/ (26536)
 - 34 (executive adj2 (function* or control*)).tw. (28576)
 - 35 arousal/ (41038)
 - 36 arous*.tw. (38982)
 - 37 attention*.tw. (399204)
 - 38 vigilan*.tw. (21941)

39 or/29-38 (2408211)
 40 exp dementia/ (300566)
 41 (dementi* or alzhem*).tw. (224692)
 42 40 or 41 (323799)
 43 39 or 42 (2608334)
 44 28 and 43 (96287)
 45 exp clinical trial/ (1281583)
 46 exp "clinical trial (topic)"/ (267609)
 47 (randomi?ed adj7 trial*).tw. (373380)
 48 (controlled adj3 trial*).tw. (250872)
 49 (clinical adj2 trial*).tw. (384066)
 50 ((single or doubl* or tripl* or treb*) and (blind* or mask*)).tw. (219774)
 51 ("4 arm" or "four arm").tw. (1207)
 52 exp case control study/ (140524)
 53 control group/ (263620)
 54 clinical study/ or retrospective study/ (765384)
 55 ((case* adj5 control*) or (case adj3 comparison*) or control group*).tw. (668069)
 56 cohort analysis/ (303792)
 57 longitudinal study/ (106182)
 58 follow up/ (1232689)
 59 prospective study/ (388763)
 60 cohort.tw. (568512)
 61 longitudinal.tw. (231900)
 62 prospective.tw. (629993)
 63 retrospective.tw. (576605)
 64 or/45-63 (4750710)
 65 44 and 64 (27389)
 66 limit 65 to english language (26109)
 67 limit 66 to embase (12609)

PsycINFO <1806 to November Week 4 2016>

Search Strategy:

1 exp traumatic brain injury/ (15045)
 2 exp head injuries/ (5474)
 3 mTBI*2.tw. (1222)
 4 tbi*2.tw. (8250)
 5 concuss*.tw. (2204)
 6 ((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or
 hemispher* or intracran* or orbit*) adj2 (injur* or trauma* or lesion* or damag* or
 wound* or destruction* or swell* or oedema* or edema* or fracture* or contusion* or
 commotion* or pressur*)).tw. (50900)
 7 ((brain* or cerebr* or intracerebr* or crani* or intracran* or head* or subarachnoid*
 or subdural* or epidural* or extradural*) adj (haematoma* or hematoma* or hemorrhag*
 or haemorrhag* or pressur* or bleed*)).tw. (4816)

8 or/1-7 (55142)
9 exp spinal cord injuries/ (4891)
10 exp Spinal Cord/ and exp Ischemia/ (63)
11 (myelopathy adj3 (traumatic or post-traumatic)).tw. (7)
12 ((spine or spinal) adj3 (fracture* or wound* or trauma* or injur* or damag*)).tw.
(5852)
13 (spinal cord adj3 (contusion* or laceration* or transaction* or trauma* or
ischemi*)).tw. (848)
14 SCI.tw. (3541)
15 paraplegia/ (534)
16 quadriplegia/ (188)
17 (paraplegia* or quadriplegia* or tetraplegia*).tw. (1302)
18 central spinal cord syndrome.tw. (0)
19 central cord injury syndrome.tw. (0)
20 or/9-19 (9003)
21 (brain adj2 (death or dead)).tw. (581)
22 ((vegetat* or unawareness* or "minimally conscious") adj2 state*1).tw. (1069)
23 (prolonged adj2 unawareness*).tw. (2)
24 21 or 22 or 23 (1611)
25 (central nervous system adj2 trauma*).tw. (56)
26 (CNS adj2 trauma*).tw. (112)
27 8 or 20 or 24 or 25 or 26 (64469)
28 cognition/ (26647)
29 cognitive impairment/ (29197)
30 neurocognit*.tw. (11048)
31 (cognitive or cognition).tw. (385119)
32 exp executive function/ (11055)
33 (executive adj2 (function* or control*)).tw. (21794)
34 physiological arousal/ (6451)
35 exp attention/ (59769)
36 arous*.tw. (33693)
37 attention*.tw. (232302)
38 vigilan*.tw. (8933)
39 or/28-38 (631554)
40 (dementi* or alzhaim*).tw. (82601)
41 exp dementia/ (63311)
42 alzheimer's disease/ (38544)
43 41 or 42 (63311)
44 39 or 43 (668410)
45 27 and 44 (17822)
46 clinical trials/ (10032)
47 (randomi?ed adj7 trial*).tw. (40375)
48 (controlled adj3 trial*).tw. (33223)
49 (clinical adj2 trial*).tw. (28656)
50 ((single or doubl* or tripl* or treb*) and (blind* or mask*)).tw. (25275)
51 ("4 arm" or "four arm").tw. (125)

- 52 experiment controls/ (867)
- 53 retrospective studies/ (381)
- 54 ((case* adj5 control*) or (case adj3 comparison*) or control group*).tw. (81862)
- 55 exp Longitudinal Studies/ (15780)
- 56 longitudinal studies/ (15306)
- 57 Followup Studies/ (12353)
- 58 cohort.tw. (49483)
- 59 longitudinal.tw. (90266)
- 60 prospective.tw. (48210)
- 61 retrospective.tw. (28144)
- 62 or/46-61 (341322)
- 63 45 and 62 (2588)
- 64 limit 63 to english language (2504)

SCOPUS (3267 results on 2016.12.02)

(((((TITLE-ABS-KEY("central spinal cord syndrome")) OR (TITLE-ABS-KEY("central cord injury syndrome")) OR ((TITLE-ABS-KEY(mTBI* OR tbi* OR concuss*)) OR (TITLE-ABS-KEY(((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or hemispher* or intracran* or orbit*) NEAR/2 (injur* or trauma* or lesion* or damag* or wound* or destruction* or swell*)))) OR (TITLE-ABS-KEY(((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or hemispher* or intracran* or orbit*) NEAR/2 (oedema* or edema* or fracture* or contusion* or commotion* or pressur*)))) OR (TITLE-ABS-KEY(((brain* or cerebr* or intracerebr* or crani* or intracran* or head* or subarachnoid* or subdural* or epidural* or extradural*) NEAR/2 (haematoma* or hematoma* or hemorrhag* or haemorrhag* or pressur* or bleed*)))) OR (TITLE-ABS-KEY((myelopathy NEAR/3 (traumatic or post-traumatic)))) OR (TITLE-ABS-KEY(((spine or spinal) NEAR/3 (fracture* or wound* or trauma* or injur* or damag*))) OR (TITLE-ABS-KEY((spinal cord NEAR/3 (contusion* or laceration* or transaction* or trauma* or ischemi*))) OR (TITLE-ABS-KEY((paraplegia* or quadriplegia* or tetraplegia*)))) OR (TITLE-ABS-KEY((brain NEAR/2 (death or dead)))) OR (TITLE-ABS-KEY(((vegetat* or unawareness* or "minimally conscious") NEAR/2 state*)) OR (TITLE-ABS-KEY((prolonged NEAR/2 unawareness*)) OR (TITLE-ABS-KEY((central nervous system NEAR/2 trauma*)) OR (TITLE-ABS-KEY((CNS NEAR/2 trauma*)))) AND (((TITLE-ABS-KEY(cognitive or cognition OR neurocogniti*) OR TITLE-ABS-KEY((executive NEAR/2 (function* or control*)))) OR (TITLE-ABS-KEY(arous* OR attention* OR vigilan* OR dementi* OR alzhem*))) AND (((TITLE-ABS-KEY((controlled NEAR/3 trial*)) OR TITLE-ABS-KEY((clinical NEAR/2 trial*)) OR TITLE-ABS-KEY(((single or doubl* or tripl* or treb*) and (blind* or mask*)) OR TITLE-ABS-KEY(("4 arm" or "four arm")) OR TITLE-ABS-KEY((case* NEAR/5 control*)) OR TITLE-ABS-KEY((case NEAR/3 comparison*)) OR TITLE-ABS-KEY(control group*) OR TITLE-ABS-KEY(cohort* OR longitudinal OR prospective OR retrospective))) OR (TITLE-ABS-KEY(random*)) OR (TITLE-

ABS-KEY((randomized NEAR/7 trial*) OR (randomised NEAR/7 trial*)) AND (LIMIT-TO(LANGUAGE,"English"))

Pubmed Supplemental Search (835 results on 2016.12.05)

((((((((((((((((((((((mTBI[Text Word] OR TBI[Text Word] OR concuss[Text Word]))) OR (((head*[Text Word] OR cerebr*[Text Word] OR cranium[Text Word] OR cranial[Text Word] OR capitis*[Text Word] OR brain*[Text Word] OR forebrain*[Text Word] OR skull*[Text Word] OR hemispher*[Text Word] OR intracran*[Text Word] OR orbit*[Text Word])) AND (injur*[Text Word] OR trauma*[Text Word] OR lesion*[Text Word] OR damag*[Text Word] OR wound*[Text Word] OR destruction*[Text Word] OR swell*[Text Word] OR oedema*[Text Word] OR edema*[Text Word] OR fracture*[Text Word] OR contusion*[Text Word] OR commotion*[Text Word] OR pressur*[Text Word]))) OR (((brain*[Text Word] OR cerebr*[Text Word] OR intracerebr*[Text Word] OR cranium[Text Word] OR cranial[Text Word] OR intracran*[Text Word] OR head*[Text Word] OR subarachnoid*[Text Word] OR subdural*[Text Word] OR epidural*[Text Word] OR extradural*[Text Word])) AND (haematoma*[Text Word] OR hematoma*[Text Word] OR hemorrhag*[Text Word] OR haemorrhag*[Text Word] OR pressur*[Text Word] OR bleed*[Text Word]))) OR ((traumatic myelopathy[Text Word] OR post-traumatic myelopathy[Text Word])) OR (((spine[Text Word] OR spinal[Text Word])) AND (fracture*[Text Word] OR wound*[Text Word] OR trauma*[Text Word] OR injur*[Text Word] OR damag*[Text Word])) OR ((spinal cord[Text Word] AND (contusion*[Text Word] OR laceration*[Text Word] OR transaction*[Text Word] OR trauma*[Text Word] OR ischemi*[Text Word])) OR (((SCI[Text Word] OR paraplegia*[Text Word] OR quadriplegia*[Text Word] OR tetraplegia*[Text Word]))) OR (("central spinal cord syndrome"[Text Word] OR "central cord injury syndrome"[Text Word])) OR ((brain death[Text Word] OR brain dead[Text Word]) OR prolonged unawareness*[Text Word] OR ((vegetat* state*[Text Word] OR "state of unawareness"[Text Word] OR minimally conscious state*[Text Word])) OR central nervous system trauma*[Text Word] OR CNS Trauma*[Text Word]) AND (((((((neurocognit*[Text Word] OR cognition[Text Word] OR cognitive[Text Word])) OR executive function*[Text Word] OR arous*[Text Word] OR attention*[Text Word] OR vigilan*[Text Word] OR dement*[Text Word] OR alzhem*[Text Word])) AND (((((trial*[Text Word] OR blind*[Text Word] OR mark*[Text Word] OR random*[Text Word])) OR case control*[Text Word] OR case comparison*[Text Word] OR control group*[Text Word] OR (cohort[Text Word] OR longitudinal[Text Word] OR retrospective[Text Word] OR prospective[Text Word]))) AND (((pubstatusaheadofprint OR publisher[sb] OR pubmednotmedline[sb]))) AND English[lang])) AND English[lang])