

## Search Strategies for each database searched:

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R)

Search Strategy:

- 
- 1 Patient Discharge/ (20827)
  - 2 Patient Transfer/ (6281)
  - 3 discharge.tw,kw. (130069)
  - 4 (patient\* adj3 (transition\* or transfer\* or discharg\*)).tw,kw. (45107)
  - 5 (transfer\* adj3 (process\* or plan\* or ward\* or unit\*)).tw,kw. (11803)
  - 6 1 or 2 or 3 or 4 or 5 (180530)
  - 7 exp brain injuries/ (53665)
  - 8 Craniocerebral Trauma/ (19866)
  - 9 exp Head Injuries, Closed/ (7962)
  - 10 exp Skull Fractures/ (19170)
  - 11 mTBI\*2.tw,kw. (1285)
  - 12 tbi\*2.tw,kw. (17057)
  - 13 concuss\*.tw,kw. (4883)
  - 14 "axonal injur\*".tw,kw. (2585)
  - 15 ((head\* or cerebr\* or crani\* or capitis\* or brain\* or forebrain\* or skull\* or hemispher\* or intercran\* or intracran\* or orbit\*) adj2 (injur\* or trauma\* or lesion\* or damag\* or wound\* or swell\* or oedema\* or edema\* or fracture\* or contusion\* or pressur\*)).tw,kw. (154017)
  - 16 ((brain\* or cerebr\* or intercran 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,kw. (68398)
  - 17 or/7-16 (240242)
  - 18 exp Hospitals/ (217940)
  - 19 exp Emergency Service, Hospital/ (54725)
  - 20 exp Trauma Centers/ (7342)
  - 21 (hospital\* or acute\*).tw,kw. (1771322)
  - 22 ((trauma or "level-1" or "level-I") adj3 (center\* or center\* or care)).tw,kw. (13412)
  - 23 18 or 19 or 20 or 21 or 22 (1888451)
  - 24 6 and 17 and 23 (3964)
  - 25 (exp child/ or exp infant/ or exp adolescent/) not ((exp child/ or exp infant/ or exp adolescent/) and (exp aged/ or exp adult/)) (1604752)
  - 26 24 not 25 (3430)

- 27 exp animals/ not (exp animals/ and exp humans/) (4128951)
- 28 26 not 27 (3407)
- 29 limit 28 to english language (3010)
- 30 limit 29 to case reports (222)
- 31 29 not 30 (2788)

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Database: EBM Reviews - Cochrane Central Register of Controlled Trials

Search Strategy:

- 
- 1 Patient Discharge/ (865)
  - 2 Patient Transfer/ (86)
  - 3 discharge.tw,kw. (11252)
  - 4 (patient\* adj3 (transition\* or transfer\* or discharg\*)).tw,kw. (4633)
  - 5 (transfer\* adj3 (process\* or plan\* or ward\* or unit\*)).tw,kw. (247)
  - 6 1 or 2 or 3 or 4 or 5 (13405)
  - 7 exp brain injuries/ (921)
  - 8 Craniocerebral Trauma/ (227)
  - 9 exp Head Injuries, Closed/ (125)
  - 10 exp Skull Fractures/ (151)
  - 11 mTBI\*2.tw,kw. (67)
  - 12 tbi\*2.tw,kw. (895)
  - 13 concuss\*.tw,kw. (127)
  - 14 "axonal injur\*".tw,kw. (37)
  - 15 ((head\* or cerebr\* or crani\* or capitis\* or brain\* or forebrain\* or skull\* or hemispher\* or intercran\* or intracran\* or orbit\*) adj2 (injur\* or trauma\* or lesion\* or damag\* or wound\* or swell\* or oedema\* or edema\* or fracture\* or contusion\* or pressur\*)).tw,kw. (5403)
  - 16 ((brain\* or cerebr\* or intercran 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,kw. (3888)
  - 17 or/7-16 (9061)
  - 18 exp Hospitals/ (2318)
  - 19 exp Emergency Service, Hospital/ (1365)
  - 20 exp Trauma Centers/ (115)
  - 21 (hospital\* or acute\*).tw,kw. (120583)
  - 22 ((trauma or "level-1" or "level-l") adj3 (center\* or center\* or care)).tw,kw. (542)

- 23 18 or 19 or 20 or 21 or 22 (121977)
- 24 6 and 17 and 23 (220)
- 25 (exp child/ or exp infant/ or exp adolescent/) not ((exp child/ or exp infant/ or exp adolescent/) and (exp aged/ or exp adult/)) (41824)
- 26 24 not 25 (206)
- 27 exp animals/ not (exp animals/ and exp humans/) (4)
- 28 26 not 27 (206)
- 29 limit 28 to english language (186)

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Database: EBM Reviews - Cochrane Database of Systematic Reviews  
 Search Strategy:

- 
- 1 discharge.ti,ab. (166)
  - 2 (patient\* adj3 (transition\* or transfer\* or discharg\*)).ti,ab. (34)
  - 3 (transfer\* adj3 (process\* or plan\* or ward\* or unit\*)).ti,ab. (1)
  - 4 1 or 2 or 3 (177)
  - 5 mTBI\*2.ti,ab. (0)
  - 6 tbi\*2.ti,ab. (20)
  - 7 concuss\*.ti,ab. (0)
  - 8 "axonal injur\*".ti,ab. (0)
  - 9 ((head\* or cerebr\* or crani\* or capitis\* or brain\* or forebrain\* or skull\* or hemispher\* or intercran\* or intracran\* or orbit\*) adj2 (injur\* or trauma\* or lesion\* or damag\* or wound\* or swell\* or oedema\* or edema\* or fracture\* or contusion\* or pressur\*)).ti,ab. (113)
  - 10 ((brain\* or cerebr\* or intercran 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\*)).ti,ab. (75)
  - 11 or/5-10 (168)
  - 12 (hospital\* or acute\*).ti,ab. (1787)
  - 13 ((trauma or "level-1" or "level-I") adj3 (center\* or center\* or care)).ti,ab. (5)
  - 14 12 or 13 (1790)
  - 15 4 and 11 and 14 (5)

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Database: Embase Search Strategy:

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- 1 hospital discharge/ (74476)

2 patient transport/ (20837)  
3 discharge.tw. (184254)  
4 (patient\* adj3 (transition\* or transfer\* or discharg\*)).tw. (74092)  
5 (transfer\* adj3 (process\* or plan\* or ward\* or unit\*)).tw. (12769)  
6 1 or 2 or 3 or 4 or 5 (286806)  
7 exp brain injury/ (135187)  
8 head injury/ (42050)  
9 exp skull injury/ (23119)  
10 mTBI\*2.tw. (2050)  
11 tbi\*2.tw. (26901)  
12 concuss\*.tw. (6211)  
13 "axonal injur\*".tw. (3419)  
14 ((head\* or cerebr\* or crani\* or capitis\* or brain\* or forebrain\* or skull\* or hemisphere\* or intercran\* or intracran\* or orbit\*) adj2 (injur\* or trauma\* or lesion\* or damag\* or wound\* or swell\* or oedema\* or edema\* or fracture\* or contusion\* or pressur\*)).tw. (199078)  
15 ((brain\* or cerebr\* or intercran 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. (89705)  
16 or/7-15 (346223)  
17 exp hospital/ (805403)  
18 emergency health service/ (75009)  
19 (hospital\* or acute\*).tw. (2371944)  
20 ((trauma or "level-1" or "level-l") adj3 (center\* or center\* or care)).tw. (16502)  
21 17 or 18 or 19 or 20 (2753577)  
22 6 and 16 and 21 (8316)  
23 (exp infant/ or exp child/ or exp adolescent/) not ((exp infant/ or exp child/ or exp adolescent/) and (exp adult/ or exp aged/)) (1869473)  
24 22 not 23 (7317)  
25 (exp animals/ or exp animal experimentation/ or nonhuman/) not ((exp animals/ or exp animal experimentation/ or nonhuman/) and exp human/) (5780457)  
26 24 not 25 (7266)  
27 limit 26 to (conference abstract or conference proceeding or "conference review") (2536)  
28 26 not 27 (4730)  
29 limit 28 to (book or book series) (18)  
30 28 not 29 (4712)  
31 limit 30 to english language (4120)  
32 limit 31 to embase (3630)

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Database: PsyclNFO

Search Strategy:

- 
- 1 hospital discharge/ (1697)
  - 2 client transfer/ (214)
  - 3 discharge.tw. (22197)
  - 4 (patient\* adj3 (transition\* or transfer\* or discharg\*)).tw. (6231)
  - 5 (transfer\* adj3 (process\* or plan\* or ward\* or unit\*)).tw. (2140)
  - 6 1 or 2 or 3 or 4 or 5 (27928)
  - 7 exp traumatic brain injury/ (13454)
  - 8 exp head injuries/ (5187)
  - 9 mTBI\*2.tw. (1041)
  - 10 tbi\*2.tw. (7327)
  - 11 concuss\*.tw. (1864)
  - 12 "axonal injur\*".tw. (664)
  - 13 ((head\* or cerebr\* or crani\* or capitis\* or brain\* or forebrain\* or skull\* or hemispher\* or intercran\* or intracran\* or orbit\*) adj2 (injur\* or trauma\* or lesion\* or damag\* or wound\* or swell\* or oedema\* or edema\* or fracture\* or contusion\* or pressur\*)).tw. (47533)
  - 14 ((brain\* or cerebr\* or intercran 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. (4240)
  - 15 or/7-14 (51466)
  - 16 exp hospitals/ (18730)
  - 17 emergency services/ (6185)
  - 18 (hospital\* or acute\*).tw. (191672)
  - 19 ((trauma or "level-1" or "level-I") adj3 (center\* or center\* or care)).tw. (979)
  - 20 16 or 17 or 18 or 19 (197500)
  - 21 6 and 15 and 20 (607)
  - 22 limit 21 to ("0200 book" or "0240 authored book" or "0280 edited book" or "0300 encyclopedia") (30)
  - 23 21 not 22 (577)
  - 24 limit 23 to english language (562)

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## CINAHL Search Strategy

#	Query	Limiters/Expanders	Last Run Via	Results
S1	(MH "Patient Discharge+") OR (MH "Readmission") OR (MH "Transfer, Intrahospital")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	21,265
S2	discharge	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	35,625
S3	(patient* n3 (transition* or transfer* or discharg*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	18,970
S4	(transfer* n3 (process* or plan* or ward* or unit*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	841
S5	S1 OR S2 OR S3 OR S4	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	43,811

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S6	(MH "Brain Injuries+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	15,561
S7	(MH "Head Injuries")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	4,304
S8	(MH "Skull Fractures+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,295
S9	mTBI*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	382

S10	TBI*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,935
S11	concuss*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,247
S12	((head* or cerebr* or crani* or capitis* or brain* or forebrain* or skull* or hemispher* or intracran* or orbit*) n2 (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*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	29,470
S13	((brain* or cerebr* or intracerebr* or crani* or intracran* or head* or subarachnoid* or subdural* or epidural* or extradural*) n1 (haematoma* or hematoma* or hemorrhag* or haemorrhag* or pressur* or bleed*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	10,718
S14	S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database -	38,572



			CINAHL with Full Text	
S15	(MH "Hospitals+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	66,032
S16	(MH "Emergency Service+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	30,106
S17	(MH "Emergency Service") OR (MH "Emergency Medical Services")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	42,839
S18	(hospital* or acute)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	317,721
S19	((trauma or "level-1" or "level-I") n3 (center* or center* or care))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen -	7,053

			Advanced Search Database - CINAHL with Full Text	
S20	S15 OR S16 OR S17 OR S18 OR S19	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	354,823
S21	S5 AND S14 AND S20	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,352
S22	S21	Limiters - Age Groups: All Infant, All Child Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	448
S23	S21	Limiters - Age Groups: All Adult Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	874
S24	S22 NOT (S22 AND S23)	Search modes - Boolean/Phrase	Interface - EBSCOhost	170

			Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	
S25	S21 NOT S24	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,182
S26	S25	Limiters - English Language Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,176

### Pubmed Supplemental Search - 145 total

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(((publisher[sb]) AND (((((((trauma[Title/Abstract] OR "level-1"[Title/Abstract] OR "level-1"[Title/Abstract])) AND (trauma[Other Term] OR "level-1"[Other Term] OR "level-1"[Other Term]))) OR (((hospital*[Title/Abstract] OR acute*[Title/Abstract])) OR (hospital*[Other Term] OR acute*[Other Term]))) OR (((Hospitals[MeSH Terms] OR Emergency Service, Hospital[MeSH Terms] OR Trauma Centers[MeSH Terms]))) AND (((((((("Patient Discharge"[Mesh]) OR "Patient Transfer"[Mesh])) OR ((discharge[Title/Abstract] OR discharge[Other Term])) OR (((patient[Title/Abstract] OR patients[Title/Abstract] OR patient's[Title/Abstract])) AND (transition*[Title/Abstract] OR transfer*[Title/Abstract] OR discharg*[Title/Abstract]))) OR (((patient[OT] OR patients[OT] OR patient's[OT])) AND (transition*[OT] OR transfer*[OT] OR discharg*[OT]))) OR ((transfer*[Title/Abstract] AND ((process*[Title/Abstract] OR plan*[Title/Abstract] OR ward*[Title/Abstract] OR unit*[Title/Abstract]))) OR #9) OR (((transfer*[OT] AND ((process*[OT] OR plan*[OT] OR ward*[OT] OR unit*[OT] OT)))) OR #11)) AND

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((((((((((((((((((brain injuries[mh]) OR Craniocerebral Trauma[mh:noexp]) OR Head Injuries, Closed[mh]) OR Skull Fractures[mh]) OR mTBI\*[title/abstract]) OR mTBI\*[ot]) OR TBI\*[title/abstract]) OR TBI\*[ot]) OR concuss\*[title/abstract]) OR concuss\*[ot]) OR (((head\*[title/abstract] OR cerebr\*[title/abstract] OR crani\*[title/abstract] OR capitis\*[title/abstract] OR brain\*[title/abstract] OR forebrain\*[title/abstract] OR skull\*[title/abstract] OR hemispher\*[title/abstract] OR intracran\*[title/abstract] OR orbit\*[title/abstract]) AND (injur\*[title/abstract] OR trauma\*[title/abstract] OR lesion\*[title/abstract] OR damag\*[title/abstract] OR wound\*[title/abstract] OR destruction\*[title/abstract] OR swell\*[title/abstract] OR oedema\*[title/abstract] OR edema\*[title/abstract] OR fracture\*[title/abstract] OR contusion\*[title/abstract] OR commotion\*[title/abstract] OR pressur\*[title/abstract]))) OR (((head\*[ot] OR cerebr\*[ot] OR crani\*[ot] OR capitis\*[ot] OR brain\*[ot] OR forebrain\*[ot] OR skull\*[ot] OR hemispher\*[ot] OR intracran\*[ot] OR orbit\*[ot]) AND (injur\*[ot] OR trauma\*[ot] OR lesion\*[ot] OR damag\*[ot] OR wound\*[ot] OR destruction\*[ot] OR swell\*[ot] OR oedema\*[ot] OR edema\*[ot] OR fracture\*[ot] OR contusion\*[ot] OR commotion\*[ot] OR pressur\*[ot]))) OR (((brain\*[title/abstract] OR cerebr\*[title/abstract] OR intracerebr\*[title/abstract] OR crani\*[title/abstract] OR intracran\*[title/abstract] OR head\*[title/abstract] OR subarachnoid\*[title/abstract] OR subdural\*[title/abstract] OR epidural\*[title/abstract] OR extradural\*[title/abstract] ) adj (haematoma\*[title/abstract] OR hematoma\*[title/abstract] OR hemorrhag\*[title/abstract] OR haemorrhag\*[title/abstract] OR pressur\*[title/abstract] OR bleed\*[title/abstract] ))) OR (((brain\*[ot] OR cerebr\*[ot] OR intracerebr\*[ot] OR crani\*[ot] OR intracran\*[ot] OR head\*[ot] OR subarachnoid\*[ot] OR subdural\*[ot] OR epidural\*[ot] OR extradural\*[ot] ) AND (haematoma\*[ot] OR hematoma\*[ot] OR hemorrhag\*[ot] OR haemorrhag\*[ot] OR pressur\*[ot] OR bleed\*[ot] )))))))) AND English[lang])