# Multicomponent interventions to prevent delirium in hospitalised older patients with hip fracture: a systematic review protocol

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| --- | --- |
| **Database** | **No. retrieved citations** |
| Medline, 1946 to present (Ovid): includes Epub Ahead of Print, In-Process & Other Non-Indexed Citations, and Ovid Medline Daily | 265 |
| Embase 1974 to 2016 August 19 (Ovid) | 644 |
| PsycINFO 1806 to July Week 4 2016 (Ovid) | 61 |
| CINAHL (EBSCOhost) | 123 |
| Cochrane Central Database of Controlled Trials, Issue 7 of 12, July 2016 (Wiley) | 64 |
| Scopus (Elsevier) | 577 |
| Web of Science Core Collection (Thomson Reuters) | 513 |
| **Total before duplicates removed** | **2247** |
| **Total after duplicates removed** | **1176** |

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

Search run 27/8/16

Saved as hipdelir/hipdelir

|  |  |  |
| --- | --- | --- |
| # | Searches | Results |
| 1 | hip fractures/ or femoral neck fractures/ | 20468 |
| 2 | femoral fractures/ and (femur head/ or femur neck/) | 424 |
| 3 | ((((femoral or femur) adj2 (head or neck)) or hip? or subtrochant\* or sub-trochant\* or intertrochant\* or inter-trochant\* or intratrochant\* or intra-trochant\* or peritrochant\* or peri-trochant\* or greater trochanter or acetabular) and fracture\*).tw,kw. | 33836 |
| 4 | or/1-3 | 39137 |
| 5 | Delirium/ or Confusion/ or Psychomotor Agitation/ | 15128 |
| 6 | (Delirium\* or delirious or confus\* or agitat\* or disorient\*).tw,kw. | 75991 |
| 7 | or/5-6 | 80727 |
| 8 | (prevent\* or intervention\* or therap\* or treatment\* or pathway\* or protocol\* or algorithm\* or program\* or manag\* or guideline\* or guidance).tw,kw. | 7694457 |
| 9 | pc.fs. | 1130901 |
| 10 | or/8-9 | 8210917 |
| 11 | 4 and 7 and 10 | 338 |
| 12 | limit 11 to (english language and yr="1999 -Current") | 265 |

Notes:

/ = Medical Subject Heading (MeSH) search

Adj2 = adjacency search. Terms can occur without 2 words of each other in either order

.tw, kw. = title, abstract and author keyword field search

Pc = prevention & control

.fs. = free-floating subheading search

Embase 1974 to 2016 August 26

Search run 27/8/16

|  |  |  |
| --- | --- | --- |
| # | Searches | Results |
| 1 | hip fracture/ or acetabulum fracture/ or femur intertrochanteric fracture/ or femur neck fracture/ or femur pertrochanteric fracture/ or femur subtrochanteric fracture/ or femur trochanteric fracture/ | 35438 |
| 2 | ((((femoral or femur) adj2 (head or neck)) or hip? or subtrochant\* or sub-trochant\* or intertrochant\* or inter-trochant\* or intratrochant\* or intra-trochant\* or peritrochant\* or peri-trochant\* or greater trochanter or acetabular) and fracture\*).tw,kw. | 44870 |
| 3 | or/1-2 | 54645 |
| 4 | delirium/ or postoperative delirium/ or confusion/ or acute confusion/ | 43430 |
| 5 | (Delirium\* or delirious or confus\* or agitat\* or disorient\*).tw,kw. | 103557 |
| 6 | or/4-5 | 126844 |
| 7 | prevention study/ or "prevention and control"/ or prevention/ | 217758 |
| 8 | disease management/ or intervention study/ | 45497 |
| 9 | (prevent\* or intervention\* or therap\* or treatment\* or pathway\* or protocol\* or algorithm\* or program\* or manag\* or guideline\* or guidance).tw,kw. | 9851497 |
| 10 | (dm or pc).fs. | 1195748 |
| 11 | or/7-10 | 10440937 |
| 12 | 3 and 6 and 11 | 744 |
| 13 | limit 12 to (english language and yr="1999 -Current") | 644 |

Note: pc.fs. = prevention free floating subheading; dm = disease management free floating subheading.

PsycINFO 1806 to July Week 4 2016

Search run 27/8/16

|  |  |  |
| --- | --- | --- |
| # | Searches | Results |
| 1 | ((((femoral or femur) adj2 (head or neck)) or hip? or subtrochant\* or sub-trochant\* or intertrochant\* or inter-trochant\* or intratrochant\* or intra-trochant\* or peritrochant\* or peri-trochant\* or greater trochanter or acetabular) and fracture\*).tw,id. | 960 |
| 2 | delirium/ or mental confusion/ | 3452 |
| 3 | (Delirium\* or delirious or confus\* or agitat\* or disorient\*).tw,id. | 40876 |
| 4 | or/2-3 | 40941 |
| 5 | prevention/ or intervention/ | 69518 |
| 6 | (prevent\* or intervention\* or therap\* or treatment\* or pathway\* or protocol\* or algorithm\* or program\* or manag\* or guideline\* or guidance).tw,id. | 1448146 |
| 7 | or/5-6 | 1448910 |
| 8 | 1 and 4 and 7 | 70 |
| 9 | limit 8 to (english language and yr="1999 -Current") | 61 |

# CINAHL (EBSCOhost)

Search run 27/8/16

|  |  |  |  |
| --- | --- | --- | --- |
| **#**  | **Query**  | **Limiters/Expanders**  | **Results**  |
| S1  | (MH "Hip Fractures+")  | Search modes - Boolean/Phrase  | 4,574  |
| S2  | ( (MH "Femur Neck") OR (MH "Femur Head") ) AND (MH "Femoral Fractures")  | Search modes - Boolean/Phrase  | 27  |
| S3  | TI ( ((((femoral OR femur) N2 (head OR neck)) OR hip OR hips OR subtrochant\* OR “sub-trochant\*” OR intertrochant\* OR “inter-trochant\*” OR intratrochant\* OR “intra-trochant\*” OR peritrochant\* OR “peri-trochant\*” OR “greater trochanter” OR acetabular) and fracture\*) ) OR AB ( ((((femoral OR femur) N2 (head OR neck)) OR hip OR hips OR subtrochant\* OR “sub-trochant\*” OR intertrochant\* OR “inter-trochant\*” OR intratrochant\* OR “intra-trochant\*” OR peritrochant\* OR “peri-trochant\*” OR “greater trochanter” OR acetabular) and fracture\*) )  | Search modes - Boolean/Phrase  | 5,982  |
| S4  | S1 OR S2 OR S3  | Search modes - Boolean/Phrase  | 7,246  |
| S5  | (MH "Confusion") OR (MH "Delirium") or (MH "Psychomotor Agitation")  | Search modes - Boolean/Phrase  | 4,755  |
| S6  | TI ( (Delirium\* OR delirious OR confus\* OR agitat\* OR disorient\*) ) OR AB ( (Delirium\* OR delirious OR confus\* OR agitat\* OR disorient\*) )  | Search modes - Boolean/Phrase  | 13,873  |
| S7  | S5 OR S6  | Search modes - Boolean/Phrase  | 15,443  |
| S8  | TI ( prevent\* OR intervention\* OR therap\* OR treatment\* OR pathway\* OR protocol\* OR algorithm\* OR program\* OR manag\* OR guideline\* OR guidance ) OR AB ( prevent\* OR intervention\* OR therap\* OR treatment\* OR pathway\* OR protocol\* OR algorithm\* OR program\* OR manag\* OR guideline\* OR guidance )  | Search modes - Boolean/Phrase  | 935,560  |
| S9  | MW pc  | Search modes - Boolean/Phrase  | 310,906  |
| S10  | S8 OR S9  | Search modes - Boolean/Phrase  | 1,112,376  |
| S11  | S4 AND S7 AND S10  | Search modes - Boolean/Phrase  | 134  |
| S12  | S4 AND S7 AND S10  | Limiters - Published Date: 19990101-20161231 Search modes - Boolean/Phrase  | 123  |
| S13  | S4 AND S7 AND S10  | Limiters - Published Date: 19990101-20161231 Narrow by Language: - english Search modes - Boolean/Phrase  | 123 |

# ScopusSearch run 27/8/16N=577

( TITLE-ABS-KEY ( prevent\*  OR  intervention\*  OR  therap\*  OR  treatment\*  OR  pathway\*  OR  protocol\*  OR  algorithm\*  OR  program\*  OR  manag\*  OR  guideline\*  OR  guidance )  AND  TITLE-ABS-KEY ( delirium\*  OR  delirious  OR  confus\*  OR  agitat\*  OR  disorient\* )  AND  TITLE-ABS-KEY ( ( ( femoral  OR  femur )  W/2  ( head  OR  neck ) )  OR  hip  OR  hips  OR  subtrochant\*  OR  "sub-trochant\*"  OR  intertrochant\*  OR  "inter-trochant\*"  OR  intratrochant\*  OR  "intra-trochant\*"  OR  peritrochant\*  OR  "peri-trochant\*"  OR  "greater trochanter"  OR  acetabular )  AND  TITLE-ABS-KEY ( fracture\* ) )  AND  SUBJAREA ( mult  OR  medi  OR  nurs  OR  vete  OR  dent  OR  heal  OR  mult  OR  arts  OR  busi  OR  deci  OR  econ  OR  psyc  OR  soci )  AND  PUBYEAR  >  1998  AND  ( LIMIT-TO ( LANGUAGE ,  "English" ) )

# Web of Science Core Collection

Search run 27/8/16

N=513

((((femoral OR femur) NEAR/2 (head OR neck)) OR hip OR hips OR subtrochant\* OR “sub-trochant\*” OR intertrochant\* OR “inter-trochant\*” OR intratrochant\* OR “intra-trochant\*” OR peritrochant\* OR “peri-trochant\*” OR “greater trochanter” OR acetabular) and fracture\*) AND (Delirium\* OR delirious OR confus\* OR agitat\* OR disorient\*) AND (prevent\* OR intervention\* OR therap\* OR treatment\* OR pathway\* OR protocol\* OR algorithm\* OR program\* OR manag\* OR guideline\* OR guidance)

**Refined by:** **LANGUAGES:** ( ENGLISH )

**Timespan:** 1999-2016. **Indexes:** SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI, CCR-EXPANDED, IC.

# Cochrane Central Register of Controlled Trials

Issue 7 of 12, July 2016

Search run 27/8/16

N=64

((((femoral OR femur) NEAR/2 (head OR neck)) OR hip OR hips OR subtrochant\* OR “sub-trochant\*” OR intertrochant\* OR “inter-trochant\*” OR intratrochant\* OR “intra-trochant\*” OR peritrochant\* OR “peri-trochant\*” OR “greater trochanter” OR acetabular) and fracture\*) AND (Delirium\* OR delirious OR confus\* OR agitat\* OR disorient\*) AND (prevent\* OR intervention\* OR therap\* OR treatment\* OR pathway\* OR protocol\* OR algorithm\* OR program\* OR manag\* OR guideline\* OR guidance)