

Guideline topic: Hip fracture selective update

General comments

Search coverage

Systematic reviews

Databases covered: **Medline, Cochrane Library, DARE, Embase and Cinahl**

Dates covered: 2001-April 2007

All key questions

RCTs

Databases covered: **Medline, CCTR, Embase and Cinahl**

Dates covered: 2000-April 2007

Observational studies

Databases covered: Cinhal, Medline, Embase

Dates covered: 2000-September 2007

Key questions 2, 4a, 4b, 6, 12, 13, 14

Search strategies

The following are listings of the main Medline strategies used for this guideline. All conventions and symbols are from the Ovid implementation of Medline. Strategies used in other databases were substantially the same, though different terminology may have been used to take account of different taxonomies in non-Medline databases. These strategies were combined with the generic (patient) stem to identify studies specific to the guideline topic.

Search filters were added to identify studies of a particular type (RCT/observational). Listings of the search filters used by SIGN can be found on the SIGN Web site.

Searches for this guideline were last conducted in September 2007

All searches were based on the Medline strategy listed below

Database: Ovid MEDLINE(R) <1996 to April Week 2 2007>

Search Strategy:

-
- 1 exp Hip Fractures/ (4985)
 - 2 fractured hip\$.tw. (56)
 - 3 hip fracture\$.tw. (3630)
 - 4 painful hip\$.tw. (97)
 - 5 (pain adj3 hip).tw. (931)
 - 6 hip pain.tw. (594)
 - 7 or/1-6 (6954)

Medline strategies used for specific key questions

Observational searches carried out on Cinhal, Medline, Embase for KQ2 from 2001-2007

Database: Ovid MEDLINE(R) <1996 to June Week 3 2007>

Search Strategy:

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- 1 exp Hip Fractures/ (5093)
 - 2 fractured hip\$.tw. (57)
 - 3 hip fracture\$.tw. (3714)

- 4 painful hip\$.tw. (98)
- 5 (pain adj3 hip).tw. (949)
- 6 hip pain.tw. (604)
- 7 or/1-6 (7111)
- 8 Mortality/ (8993)
- 9 exp "Length of Stay"/ (21251)
- 10 length of stay.tw. (9732)
- 11 or/8-10 (34253)
- 12 7 and 11 (389)

4/7/07

Observational searches carried out on Cinhal, Medline, Embase for KQ12&13 from 2001-2007.

Database: Ovid MEDLINE(R) <1996 to June Week 3 2007>

Search Strategy:

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- 1 exp Hip Fractures/ (5093)
 - 2 fractured hip\$.tw. (57)
 - 3 hip fracture\$.tw. (3714)
 - 4 painful hip\$.tw. (98)
 - 5 (pain adj3 hip).tw. (949)
 - 6 hip pain.tw. (604)
 - 7 or/1-6 (7111)
 - 8 exp "Length of Stay"/ (21251)
 - 9 length of stay.tw. (9732)
 - 10 exp Patient Discharge/ (6576)
 - 11 patient discharge.tw. (281)
 - 12 early discharge.tw. (817)
 - 13 exp Rehabilitation/ (43755)
 - 14 rehabilitation.tw. (28518)
 - 15 or/8-14 (93499)
 - 16 7 and 15 (1055)

26/9/07

Observational searches carried out on Cinhal, Medline and Embase on KQ 4a & 4b from 2001-2007.

Database: Ovid MEDLINE(R) <1996 to September Week 2 2007>

Search Strategy:

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- 1 exp Hip Fractures/ (5223)
 - 2 fractured hip\$.tw. (57)
 - 3 hip fracture\$.tw. (3807)
 - 4 painful hip\$.tw. (99)
 - 5 (pain adj3 hip).tw. (979)
 - 6 hip pain.tw. (621)
 - 7 or/1-6 (7298)
 - 8 exp Preoperative Care/ (15946)
 - 9 exp Anticoagulants/ (50133)
 - 10 exp Warfarin/ (4943)
 - 11 exp Vitamin K/ (2615)
 - 12 exp Heart Murmurs/ (535)
 - 13 cardiac murmur\$.tw. (201)
 - 14 exp Echocardiography/ (36626)
 - 15 echocardiogram\$.tw. (4267)
 - 16 or/8-15 (105690)
 - 17 7 and 16 (240)

26/9/07

Observational searches carried out on Cinhal, Medline and Embase on KQ 6 from 2001-2007.

Database: Ovid MEDLINE(R) <1996 to September Week 2 2007>

Search Strategy:

-
- 1 exp Hip Fractures/ (5223)
 - 2 fractured hip\$.tw. (57)
 - 3 hip fracture\$.tw. (3807)
 - 4 painful hip\$.tw. (99)
 - 5 (pain adj3 hip).tw. (979)
 - 6 hip pain.tw. (621)
 - 7 or/1-6 (7298)
 - 8 exp Intermittent Pneumatic Compression Devices/ (82)
 - 9 exp Stockings, Compression/ (107)
 - 10 compression stocking\$.tw. (378)
 - 11 foot pump\$.tw. (42)
 - 12 or/8-11 (568)
 - 13 7 and 12 (9)
 - 14 from 13 keep 1-9 (9)

26/9/07

Observational searches carried out on Cinhal, Medline and Embase on KQ 14 from 2001-2007.

Database: Ovid MEDLINE(R) <1996 to September Week 2 2007>

Search Strategy:

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- 1 exp Hip Fractures/ (5223)
 - 2 fractured hip\$.tw. (57)
 - 3 hip fracture\$.tw. (3807)
 - 4 painful hip\$.tw. (99)
 - 5 (pain adj3 hip).tw. (979)
 - 6 hip pain.tw. (621)
 - 7 or/1-6 (7298)
 - 8 exp Accidental Falls/ (6106)
 - 9 falls.tw. (8980)
 - 10 or/8-9 (12179)
 - 11 7 and 10 (696)
 - 12 Epidemiologic studies/ (3676)
 - 13 exp case control studies/ (257093)
 - 14 exp cohort studies/ (368240)
 - 15 Case control.tw. (27426)
 - 16 (cohort adj (study or studies)).tw. (26361)
 - 17 Cohort analy\$.tw. (1143)
 - 18 (Follow up adj (study or studies)).tw. (11740)
 - 19 (observational adj (study or studies)).tw. (13104)
 - 20 Longitudinal.tw. (43766)
 - 21 Retrospective.tw. (94778)
 - 22 Cross sectional.tw. (52570)
 - 23 Cross-sectional studies/ (58848)
 - 24 or/12-23 (681244)
 - 25 11 and 24 (254)
 - 26 limit 25 to yr=2001-2007 (167)
 - 27 from 26 keep 1-167 (167)