

MEDLINE via Ovid interface

Searched on 7 June 2011

1. Spinal Neoplasms/
2. ((spine or spinal or vertebr* or cervical spine or cervical vertebrae or thoracic or lumbar or sacral or sacrum or coccyx) adj3 (metasta* or lesion* or neoplasm* or neoplasia or tumor* or tumour* or cancer* or carcinoma* or malignan* or adenocarcinoma*)).mp.
3. 1 or 2
4. metast*.mp.
5. exp Neoplasm Metastasis/
6. 4 or 5
7. 3 and 6
8. limit 7 to (english language and humans and "all adult (19 plus years)")
9. Fractures, Compression/
10. Spinal Cord Compression/
11. Polyradiculopathy/
12. Spinal Fractures/
13. exp Paralysis/
14. ((spine or spinal or vertebra* or cord) adj5 (collapse* or compression or fractur* or instability)).mp.
15. compression fracture*.mp.
16. (cauda equina or polyradicul*).mp.
17. (paralysis or paraly?ed or plegia or paraplegi* or hemiplegi* or quadriplegi* or tetraplegi*).mp.
18. (fracture adj3 progression).mp.
19. 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18
20. 8 and 19

mp. searches the fields: title, original title, abstract, name of substance word, subject heading word

MEDLINE In-Process & Other Non-Indexed Citations via Ovid interface

Searched on 7 June 2011

1. ((spine or spinal or vertebr* or cervical spine or cervical vertebrae or thoracic or lumbar or sacral or sacrum or coccyx) adj3 (metasta* or lesion* or neoplasm* or neoplasia or tumor* or tumour* or cancer* or carcinoma* or malignan* or adenocarcinoma*)).mp.
2. metast*.mp.
3. 1 and 2
4. ((spine or spinal or vertebra* or cord) adj5 (collapse* or compression or fractur* or instability)).mp.
5. compression fracture*.mp.
6. (cauda equina or polyradicul*).mp.
7. (paralysis or paraly?ed or plegia or paraplegi* or hemiplegi* or quadriplegi* or tetraplegi*).mp.
8. (fracture adj3 progression).mp.
9. 4 or 5 or 6 or 7 or 8
10. 3 and 9

mp. searches the fields: title, original title, abstract, name of substance word, subject heading word

EMBASE 1980 to 2011 week 22 via Ovid interface

Searched on 7 June 2011

1. exp spinal cord tumor/
2. ((spine or spinal or vertebr* or cervical spine or cervical vertebrae or thoracic or lumbar or sacral or sacrum or coccyx) adj3 (metasta* or lesion* or neoplasm* or neoplasia or tumor* or tumour* or cancer* or carcinoma* or malignan* or adenocarcinoma*)).mp.
3. 1 or 2
4. metastas*.mp.
5. exp metastasis/
6. 4 or 5
7. 3 and 6
8. limit 7 to (human and english language and adult <18 to 64 years>)
9. exp spine fracture/
10. spine instability/
11. spinal cord compression/
12. cauda equina syndrome/
13. exp paralysis/
14. ((spine or spinal or vertebra* or cord) adj5 (collapse* or compression or fractur* or instability)).mp.
15. compression fracture*.mp.
16. (cauda equina or polyradicul*).mp.
17. (paralysis or paraly?ed or plegia or paraplegi* or hemiplegi* or quadriplegi* or tetraplegi*).mp.
18. (fracture adj3 progression).mp.
19. 9 or 10 or 11 or 12 or 13 or 14 or 15 or 16 or 17 or 18
20. 8 and 19

mp. searches the fields: title, original title, abstract, name of substance word, subject heading word

Cochrane Database of Systematic Reviews, Database of Abstracts of Reviews of Effects, Cochrane Central Register of Controlled Trials, Health Technology Assessment, NHS Economic Evaluation Database via The Cochrane Library interface

Searched on 9 June 2011

- #1 MeSH descriptor Spinal Neoplasms explode all trees
- #2 ((spine or spinal or vertebr* or cervical spine or cervical vertebrae or thoracic or lumbar or sacral or sacrum or coccyx) NEAR/3 (metasta* or lesion* or neoplasm* or neoplasia or tumor* or tumour* or cancer* or carcinoma* or malignan* or adenocarcinoma*))
- #3 (#1 OR #2)
- #4 metastas*
- #5 MeSH descriptor Neoplasm Metastasis explode all trees
- #6 (#4 OR #5)
- #7 (#3 AND #6)
- #8 MeSH descriptor Fractures, Compression explode all trees
- #9 MeSH descriptor Spinal Cord Compression explode all trees
- #10 MeSH descriptor Polyradiculopathy explode all trees
- #11 MeSH descriptor Spinal Fractures explode all trees
- #12 MeSH descriptor Paralysis explode all trees
- #13 ((spine or spinal or vertebra* or cord) NEAR/5 (collapse* or compression or fractur* or instability))
- #14 compression fracture*
- #15 (cauda equina or polyradicul*)

#16 (paralysis or paraly?ed or plegia or paraplegi* or hemiplegi* or quadriplegi* or tetraplegi*)

#17 (fracture NEAR/3 progression)

#18 (#8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17)

#19 (#7 AND #18)

Science Citation Index and Conference Proceedings via the Web of Science interface

Searched on 14 June 2011

#11 #10 AND #4

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#10 #9 OR #8 OR #7 OR #6 OR #5

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#9 TS=(fracture SAME progression)

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#8 TS=(paralysis or paraly*ed or plegia or paraplegi* or hemiplegi* or quadriplegi* or tetraplegi*)

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#7 TS=("cauda equina" or polyradicul*)

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#6 TS="compression fracture" or TS="compression fractures"

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#5 TS=(spine or spinal or vertebra* or cord) SAME TS=(collapse* or compression or fractur* or instability)

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#4 #3 AND Language=(English)

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#3 #2 AND #1

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#2 TS=metasta*

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

#1 TS=(spine or spinal or vertebr* or "cervical spine" or "cervical vertebrae" or thoracic or lumbar or sacral or sacrum or coccyx) SAME TS=(metasta* or lesion* or neoplasm* or neoplasia or tumor* or tumour* or cancer* or carcinoma* or malignan* or adenocarcinoma*)

Databases=SCI-EXPANDED, CPCI-S Timespan=All Years

United Kingdom Clinical Research Network's Portfolio Database (<http://public.ukcrn.org.uk/search/>)

UKCRN searched on 14 June 2011 with no date restriction.

Topic: Cancer AND Research summary: spine spinal vertebrae vertebra vertebral thoracic lumbar sacral sacrum coccyx (n.b. "Any" selected)

Topic: Cancer AND Research summary: cervical spine (n.b. "All" selected)

Topic: Cancer AND Research summary: cervical spinal (n.b. "All" selected)

Topic: Cancer AND Research summary: cervical vertebra (n.b. "All" selected)

Topic: Cancer AND Research summary: cervical vertebral (n.b. "All" selected)

Topic: Cancer AND Research summary: cervical vertebrae (n.b. "All" selected)

Current Controlled Trials (www.controlled-trials.com/)

Current Controlled Trials database searched on 14 June 2011 with no date restriction.

(metastases OR metastatic OR metastasis) AND (spine OR spinal OR vertebrae OR vertebra OR vertebral OR cervical spine OR cervical vertebrae OR thoracic OR lumbar OR sacral OR sacrum OR coccyx)

Search can be re-run using following web address:

www.controlled-trials.com/isrctn/search.html?srch=%28metastases+OR+metastatic+OR+metastasis%29+AND+%28spine+OR+spinal+OR+vertebrae+OR+vertebra+OR+vertebral+OR+cervical+spine+OR+cervical+vertebrae+OR+thoracic+OR+lumbar+OR+sacral+OR+sacrum+OR+coccyx%29&sort=3&dir=desc&max=50&Submit=SUBMIT

ClinicalTrials.gov (<http://clinicaltrials.gov/>)

Clinical Trials database searched on 14 June 2011 with no date restriction.

(metastases OR metastatic OR metastasis) AND (spine OR spinal OR vertebrae OR vertebra OR vertebral OR "cervical spine" OR "cervical vertebrae" OR thoracic OR lumbar OR sacral OR sacrum OR coccyx) | fractures OR fracture OR compression OR "cauda equina" OR polyradiculopathy OR paralysis OR paralysed OR plegia OR instability OR "fracture progression"

Search can be re-run using following web address: URL: http://clinicaltrials.gov/ct2/results?term=%28metastases+OR+metastatic+OR+metastasis%29+AND+%28spine+OR+spinal+OR+vertebrae+OR+vertebra+OR+vertebral+OR+%22cervical+spine%22+OR+%22cervical+vertebrae%22+OR+thoracic+OR+lumbar+OR+sacral+OR+sacrum+OR+coccyx%29&recr=&rslt=&type=&cond=&intr=&out=fractures+OR+fracture+OR+compression+OR+%22cauda+equina%22+OR+polyradiculopathy+OR+paralysis+OR+paralysed+OR+plegia+OR+instability+OR+%22fracture+progression%22&lead=&spons=&id=&state1=&cntry1=&state2=&cntry2=&state3=&cntry3=&locn=&gndr=&rcv_s=&rcv_e=&lup_s=&lup_e=