

Literature search strategies for review question: What service configuration and delivery arrangements are effective for the investigation and referral of adults with suspected or confirmed spinal metastases, direct malignant infiltration of the spine or associated spinal cord compression?

Database: Medline – OVID interface

#	Searches
1	Spinal Cord Compression/
2	((spine or spinal or vertebr*) and (metast* or oligometastasis)).tw.
3	(mescc or msc).tw.
4	((((cauda equina or cervical* or cervicothoracic or cord* or coccyx or duralsac* or dural sac* or intervertebr* or lumbar or lumbosac* or lumbo sac* or medulla* or orthothoracic or sacral or sacrum or spinal or spine* or thecal sac* or thoracic or vertebr* or epidural or extradural or extra dural or ((axon* or neuron* or nerve*) adj2 root)) adj3 (collaps* or compress* or pinch* or press*)) and (adeno* or cancer* or carcinoma* or chordoma* or intraepithelial* or intra epithelial* or malignan* or metast* or neoplas* or oligometast* or tumor?r*)).ti,ab.
5	or/1-4
6	Case Management/ or "Continuity of Patient Care"/ or Critical Pathways/ or "Delivery of Health Care"/ or "Delivery of Health Care,Integrated"/ or Models, Organizational/ or Patient Care Management/ or Patient Care Planning/ or Patient Care Team/ed, og or Patient-Centered Care/
7	Community-Institutional Relations/ or Hospital-Patient Relations/ or Hospital-Physician Relations/ or Interdepartmental Relations/ or Interinstitutional Relations/ or exp Interprofessional Relations/ or Intersectoral Collaboration/ or Public Relations/
8	(collaboration or team work* or teamwork*).tw.
9	((collaborat* or coordinat* or co ordinat* or integrat* or shared or stepped or systematic) adj2 (care or effort* or health* or interven* or liais* or manag* or model* or pathway* or service* or work*)).ti,ab.
10	((configur* or model*) adj5 (care or healthcare or organi?ation* or practice* or service*)).ti,ab.
11	((case or disease or user*) adj (manag* or plan*)).ti,ab. or (patient* adj5 (mana* or plan*)).ti. or (patient? adj3 manag*).ab. /freq=2
12	((enhanced or managed) adj care) or multi component or multicomponent).tw.
13	(algorithm* or care manag* or chronic care* or complex intervention* or consultation liais* or cooperative behav* or co operative behav* or multifacet* or multi facet* or multiintervention* or multiple intervention* or organi?ation* interven-tion* or transdisciplin* or trans disciplin*).tw.
14	(interdisciplin* or inter disciplin* or interinstitutional or inter institutional or interpersonal relation* or inter personal rela-tion* or interprofession* or inter profession* or intraprofession* or intra profession* or (joint adj (disciplin* or profession* or working)) or multidisciplin* or multi disciplin* or multiprofession* or multi profession*).tw.
15	((joint or inter or intra or multi*) adj3 (disciplin* or profession*) adj5 (collaborat* or communicat* or conversation* or educat* or learn* or taught or teach* or train*)).ti,ab.
16	(patient? adj3 care adj3 team?).tw.
17	((communicat* or refer*) adj5 (professional* or disciplin* or interdisciplin* or provider*)).tw.
18	(continuity adj3 (care or healthcare)).tw.
19	((care or healthcare or service*) adj5 delivery).tw.
20	(interprofessional relation* or inter professional relation* or managed care program* or (measur* adj2 care) or ((patient care adj (management or planning or team*)) or professional patient relation*).ti,ab.
21	((leader* adj2 style*) or ((team or unit) adj2 (culture or lead* or manager*)) or ((human resources or nurs* or rn or per-sonnel or staff*) adj2 leader* adj2 manag*) or (nurs* adj team*).ti,ab.
22	((nurs* or staff* or workforce or work force or worker*) adj2 (delivery or high intensity or model* or staffing or system*)) or (model* adj3 integrat*) or ((allocation or modular or team*) adj2 model*) or planning model*).ti,ab.
23	((associate director* or deputy head or doctor? or health professional? or lead? or leader? or manager? or member? or nurs* or registrar? or staff or team?) adj3 communicat*).ti,ab.
24	(efficien* adj2 practice*).ti,ab.
25	((effectiv* or facilitat* or improv*) adj3 (communicat* or team*).ti,ab.
26	((team* or role* or workforce* or work force*) adj2 (flex* or reflex*)).ti,ab.
27	((rapid* adj3 communicat*) or (enhanc* adj3 (communicat* or team*))).ti,ab.
28	or/6-27
29	exp Health Personnel/ or Health Workforce/
30	(allied health professional* or AHP*1 or clinician* or consultant* or coordinator* or co ordinator* or general practitioner* or GP*1 or h?ematologist* or medic* or neurologist* or neurosurgeon* or nurse* or occupational therapist* or oncolog-ist* or OT*1 or physician* or physiotherapist* or physical therapist* or radiologist* or registrar* or surgeon* or worker* or workforce or work force).ti. or ((allied health professional* or AHP*1 or clinician* or consultant* or coordinator* or co ordinator* or general practitioner* or GP*1 or h?ematologist* or medic* or neurologist* or neurosurgeon* or nurse* or occupational therapist* or oncologist* or OT*1 or physician* or physiotherapist* or physical therapist* or radiologist* or registrar* or surgeon* or worker* or workforce or work force).ab. adj7 ((manag* or rehab* or ablat* or log?roll* or corti-costeroid* or dexamethasone or gastric protection or immobili* or kyphoplast* or occupational therap* or physical therap* or physiotherap* or physio therap* or radiotherap* or surgery or surgical or vertebroplast*).ti,ab. or rh.fs.))
31	or/29-30
32	exp Hospitals/ or exp Hospital Units/ or Rehabilitation Centers/

#	Searches
33	((centre* or center* or hospital* or unit? or ward?) adj7 (manag* or neurorehab* or rehab* or ablat* or logroll* or log roll* or corticosteroid* or dexamethasone or gastric protection or immobile* or kyphoplast* or physical therap* or physiotherap* or physio therap* or occupational therap* or radiotherap* or surgery or surgical or vertebroplast*)).ti,ab.
34	(general* adj3 (physiotherap* or physio therap* or physical therap*)).tw.
35	MDT*1.tw.
36	((physio* or orthotic*) adj5 train*).tw.
37	((specialist or tertiary) adj3 (centre* or center* or hospital* or unit*)).tw.
38	(rehab* adj3 (centre* or center*)).tw.
39	or/32-38
40	or/28,31,39
41	exp Emergency Service, Hospital/
42	((community adj2 diagnos* adj (centre* or center* or hub*)) or cdh or one stop shop*).ti,ab.
43	(faster diagnostic standard* or fds).ti,ab.
44	((express or same day or one stop) adj2 clinic*) or rapid diagnostic centre* or rapid diagnostic center* or rdc).ti,ab.
45	(a&e or (emergency adj (department* or room* or unit*)) or immediate management or ((emergency or urgen*) adj2 (manag* or refer* or treatment* or ward*))).ti,ab.
46	(accident adj2 emergenc*).ti,ab
47	(((((("2" or two) adj week*) or "14 day*") and pathway*) or ((two or "2") adj week wait)).ti,ab.
48	((("7 day" adj7 scan*) or (one week adj3 present*)).ti,ab.
49	(mscc adj (coordinat* or co ordinat*)).ti,ab.
50	(early adj2 (involv* or rehab*)).ti,ab.
51	or/41-50
52	"Personnel Staffing and Scheduling"/ or Shift Work Schedule/ or Work-Life Balance/ or Work Schedule Tolerance/ or Workload/ or og.fs.
53	(handover* or hand over* or handoff* or hand off* or ((nurs* or staff*) adj2 (delivery or mix* or model*)) or roster* or rota? or shift? or skill?mix* or (skill* adj2 mix) or staffing or team brief* or teambuild* or (team* adj2 build*)).ti,ab.
54	(patient* adj2 ratio*).ti,ab.
55	((advance? practice adj2 nurs*).ti,ab.
56	(nurs* adj (advisor* or clinician* or consultant* or practitioner* or specialist*)).ti,ab.
57	((alter* or chang* or expand* or expansion* or shift* or staff*) adj2 (activit* or duty or duties or responsibilit* or role* or task*)).ti,ab.
58	or/52-57
59	or/51,58
60	or/40,59
61	5 and 60
62	exp ANIMALS, LABORATORY/ or exp ANIMAL EXPERIMENTATION/ or exp MODELS, ANIMAL/ or exp RODENTIA/ or (rat or rats or mouse or mice).ti.
63	LETTER/ or EDITORIAL/ or NEWS/ or exp HISTORICAL ARTICLE/ or ANECDOTES AS TOPIC/ or COMMENT/ or CASE REPORT/ or (letter or comment*).ti.
64	RANDOMIZED CONTROLLED TRIAL/ or random*.ti,ab.
65	63 not 64
66	62 or 65
67	61 not 66
68	limit 67 to (english language and yr="1990 -Current")

Health economics search

Database: Medline – OVID interface

#	Searches
1	exp Spinal Cord Neoplasms/ or Spinal Neoplasms/
2	((spine or spinal or vertebr*) adj2 (adeno* or cancer* or carcinoma* or intraepithelial* or intra epithelial* or malignan* or neoplas* or tumo?r*)).tw.
3	((spine or spinal or vertebr*) and (metast* or oligometast*)).tw.
4	or/1-3
5	Spinal Cord Compression/
6	((cauda equina or cervical* or cervicothoracic or cord* or coccyx or duralsac* or dural sac* or intervertebr* or lumbar or lumbosac* or lumbo sac* or medulla* or orthothoracic or sacral or sacrum or spinal or spine* or thecal sac* or thoracic or vertebr* or epidural or extradural or extra dural or ((axon* or neuron* or nerve*) adj2 root)) and (collaps* or compress* or pinch* or press*) and (adeno* or cancer* or carcinoma* or chordoma* or intraepithelial* or intra epithelial* or malignan* or metast* or neoplas* or oligometast* or tumo?r*)).tw.
7	(myelopath* or myeloradiculopath* or radiculopath*).tw,hw. or (radicular adj2 (disorder* or syndrome*)).tw.
8	(mescc or msc).tw.
9	or/5-8
10	((adeno* or cancer* or carcinoma* or intraepithelial* or intra epithelial* or malignan* or metast* or neoplas* or tumo?r*) adj3 (escap* or infiltrat* or invasiv* or metast* or spread*) adj5 (cauda equina or cervical* or cervicothoracic or cord* or coccyx or duralsac* or dural sac* or intervertebr* or lumbar or lumbosac* or lumbo sac* or medulla* or orthothoracic or sacral or sacrum or spinal or spine* or thecal sac* or thoracic or vertebr* or epidural or extradural or extra dural or ((axon* or neuron* or nerve*) adj2 root))).tw.
11	or/4,9-10

#	Searches
12	Economics/ or Value of life/ or exp "Costs and Cost Analysis"/ or exp Economics, Hospital/ or exp Economics, Medical/ or Economics, Nursing/ or Economics, Pharmaceutical/ or exp "Fees and Charges"/ or exp Budgets/
13	(cost* or economic* or pharmacoeconomic*).ti.
14	(budget* or financ* or fee or fees or price* or pricing* or (value adj2 (money or monetary))).ti,ab.
15	(cost* adj2 (effective* or utilit* or benefit* or minimi* or unit* or estimat* or variable*)).ab.
16	or/12-15
17	11 and 16
18	limit 17 to english language
19	limit 18 to yr="2005 -Current"