

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 1 – Communication & Support

Literature search summary

What are the specific information and support needs of patients with myeloma and their families and carers?

1. Literature search details

Search 1 – Myeloma population

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	706	121	23/05/2014
<i>Premedline</i>	May 22, 2014	39	13	23/05/2014
<i>Embase</i>	1974 -	1746	343	23/05/2014
<i>Cochrane Library</i>	As per database	67	11	23/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	768	94	28/05/2014
<i>AMED</i>	1985 -	15	7	23/05/2014
<i>Psycinfo</i>	1806 -	59	17	23/05/2014
<i>Cinahl</i>	1937 -	22	20	23/05/2014

Total References retrieved (after de-duplication): 435

Search 2 – Haematological cancer population

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	1096	226	17/06/2014
<i>Premedline</i>	June 16, 2014	38	16	17/06/2014
<i>Embase</i>	1974 -	1249	320	19/06/2014
<i>Cochrane Library</i>	As per database	332	35	18/06/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	861	156	18/06/2014
<i>AMED</i>	1985 -	22	14	17/06/2014
<i>Psycinfo</i>	1806 -	66	47	17/06/2014
<i>Cinahl</i>	1937 -	25	18	17/06/2014

Total References retrieved (after de-duplication): 550

Medline search strategy (*This search strategy is adapted to each database*)

- 1 exp Multiple Myeloma/
- 2 exp Neoplasms, Plasma Cell/
- 3 exp Plasmacytoma/
- 4 (myeloma* or plasmacytoma).tw.
- 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
- 6 Kahler*.tw.
- 7 exp Hematologic Neoplasms/
- 8 (haematolog\$ or hematolog\$) adj3 (cancer\$ or carcinoma\$ or adenoma\$ or adenocarcinoma\$ or squamous\$ or neoplas\$ or tum?r\$ or malignan\$).tw.
- 9 or/1-8
- 10 patient-centred\$.tw.
- 11 "patient-reported outcom\$".tw.
- 12 PROMS.tw.
- 13 Consumer Satisfaction/
- 14 exp Consumer Participation/
- 15 exp Personal Satisfaction/

16 exp Patient Participation/
17 exp Attitude to Health/
18 exp "Patient Acceptance of Health Care"/
19 Patient Compliance/
20 exp Patient Satisfaction/
21 ((client\$ or patient\$ or user\$ or carer\$ or consumer\$ or customer\$) adj2 (attitud\$ or priorit\$ or perception\$ or preferen\$ or expectation\$ or choic\$ or perspective\$ or view\$ or satisfact\$ or opinion\$ or concern\$ or issue\$)).tw.
22 or/10-21
23 Choice Behavior/
24 Decision Making/
25 Decision Support Techniques/
26 decision\$.tw.
27 (choic\$ or preference\$).tw.
28 or/23-27
29 Patient Compliance/
30 Informed Consent/
31 Treatment Refusal/
32 exp Consumer Satisfaction/
33 exp Consumer Participation/
34 exp Health Education/
35 or/29-34
36 28 and 35
37 ((patient\$ or consumer\$) adj1 (decision\$ or choic\$ or prefer\$ or participat\$)).tw.
38 ((man or men) adj1 (decision\$ or choic\$ or prefer\$ or participat\$)).tw.
39 ((personal or interpersonal or individual) adj (decision\$ or choic\$ or prefer\$ or participat\$)).tw.
40 or/37-39
41 Pamphlets/
42 pamphlet\$.tw.
43 (leaflet\$ or diary or diaries or booklet\$ or guidebook\$).tw.
44 sheet\$.tw.
45 Cues/
46 cue\$.tw.
47 (prompt\$ or coach\$).tw.
48 (checklist\$ or check list\$).tw.
49 (written or write).tw.
50 question\$.tw.
51 (card\$ or helpcard\$).tw.
52 (video\$ or tape\$ or cd\$ or film\$ or dvd\$ or telephone\$ or phone\$ or computer\$ or internet or electronic).tw.
53 *internet/
54 or/41-53
55 Communication/
56 communicat\$.tw.
57 Patient Education/
58 ((patient\$ or consumer\$) adj3 (educat\$ or skill\$ or teach\$ or train\$ or coach\$)).tw.
59 55 or 56
60 57 or 58
61 59 and 60
62 54 or 61
63 (preconsultation\$ or pre-consultation\$).tw.
64 Office Visits/
65 (office adj3 visit\$).tw.
66 consult\$.tw.
67 (medical adj3 interview\$).tw.
68 waiting room\$.tw.
69 scheduled appointment\$.tw.
70 ((prior adj3 visit\$) or previsit\$).tw.
71 "Appointments and Schedules"/
72 or/63-71
73 62 and 72
74 (information adj3 need\$).tw.

75 information material\$.tw.
 76 (patient\$ adj3 information).tw.
 77 (information adj3 web\$1).tw.
 78 (information adj3 print\$).tw.
 79 (information adj3 electronic\$).tw.
 80 or/74-79
 81 73 or 80
 82 40 and 81
 83 nurs\$.mp.
 84 (key adj worker).tw.
 85 CNS.tw.
 86 or/83-85
 87 Physician-Patient Relations/ or Hospital-Patient Relations/ or Nurse-Patient Relations/ or Professional-Patient Relations/
 88 exp Psychotherapy/
 89 exp Cognitive Therapy/
 90 exp Counseling/
 91 exp Self-Help Groups/
 92 exp Social Support/
 93 exp Hotlines/
 94 exp Telephone/
 95 exp Internet/
 96 ((hot or help\$ or tele\$) adj line\$).mp.
 97 (internet or website\$).mp.
 98 ((cognit\$ or group\$ or psycho\$) adj (therap\$ or supp\$ or session\$)).mp.
 99 ((self help\$ or supp\$ or counsel\$) adj (group\$ or session\$)).mp.
 100 or/87-98
 101 22 or 82 or 86 or 100
 102 9 and 101

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected. An initial search for the myeloma patient population was undertaken first, and then extended to haematological cancers in case there was no myeloma-specific literature of which in the end there was.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search. date limit of 2014 onwards. The Haematological Cancers search for this topic was not re-run as the GDG only wanted myeloma.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	751 – 74 sifted	5	08/06/2015
<i>Premedline (5 June, 2015)</i>	46	5	08/06/2015
<i>Embase</i>	2074 – 433 sifted	40	08/06/2015
<i>Cochrane Library</i>	78 (full)	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	849 – 99 sifted	8	08/06/2015
<i>AMED</i>	17 – 2 sifted	0	08/06/2015
<i>Psycinfo</i>	68 – 9 sifted	2	08/06/2015
<i>Cinahl</i>	28 – 6 sifted	3	08/06/2015

Total References retrieved (after de-duplication): 50

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 2 – Laboratory Investigations

Literature search summary

What is the optimal laboratory testing strategy for suspected myeloma?

1. Literature search details

Database name	Dates Covered	No of records found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	1649	1649	23/07/2014
<i>Premedline</i>	22 July, 2014	21	21	23/07/2014
<i>Embase</i>	1974 -	960	960	24/07/2014
<i>Cochrane Library</i>	As per database	102	102	24/07/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	5172	5172	24/07/2014

Total References retrieved (after de-duplication): 7904 then sifted down to 3509

Medline search strategy (*This search strategy is adapted to each database*)

1. exp multiple myeloma/
2. exp neoplasms, plasma cell/
3. exp plasmacytoma/
4. (myelom* or plasmacytom*).tw.
5. (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)),.tw.
6. "Monoclonal Gammopathy of Undetermined Significance"/
7. MGUS.tw.
8. monoclonal gammopath*.tw.
9. or/1-8
10. exp Bone Marrow Examination/
11. Bone Marrow/pa [Pathology]
12. (bone marrow adj3 (biops* or immunophenotyp* or aspirat*)),.tw.
13. (trephine adj3 biops*).tw.
14. immunophenotyp*.tw.
15. exp Electrophoresis/
16. (protein* adj2 electrophoresis).tw.
17. immunofix*.tw.
18. exp Bence Jones Protein/
19. exp Immunoglobulin Light Chains/
20. light chain*.tw.
21. bence jones.tw.
22. exp Immunodiffusion/
23. cytogenetics/
24. exp Immunoelectrophoresis/
25. exp Diagnosis, Differential/
26. ((laboratory or lab) adj2 (test or tests or testing)).tw.
27. pa.fs.
28. or/10-27
29. 9 and 28
30. exp "Sensitivity and Specificity"/
31. sensitivity.tw.
32. specificity.tw.
33. ((pre-test or pretest) adj probability).tw.
34. post-test probability.tw.

- 35. predictive value\$.tw.
- 36. likelihood ratio\$.tw.
- 37. or/30-36
- 38. 29 and 37

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Search filter applied (as per search strategy detailed above). No date limits applied on the search. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1728 – 128 sifted	122	08/06/2015
<i>Premedline (8 June, 2015)</i>	19	19	08/06/2015
<i>Embase</i>	1164 – 238 sifted	217	08/06/2015
<i>Cochrane Library</i>	131 – 25 sifted	25	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	5563 – 407 sifted	380	08/06/2015

Total References retrieved (after de-duplication): 628 then sifted down to 289

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 2 – Laboratory Investigations

Literature search summary

Can investigations done at the diagnosis of myeloma, including trephine biopsy, immunophenotyping and cytogenetic and molecular genetic tests accurately predict treatment outcomes (for example, can they identify patients with a poor prognosis for whom an alternative treatment approach may be preferable)?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	2005 onwards	2900	836	11/11/2014
Premedline	22 Oct, 2014	120	26	23/10/2014
Embase	2005 onwards	3128	1392	17/03/2015
Cochrane Library	As per database	1626	79	14/11/2014
Web of Science (SCI & SSCI)	2005 onwards	3862	1224	27/03/2015

Total References retrieved (after de-duplication): 2457

Medline search strategy (*This search strategy is adapted to each database*)

1. exp multiple myeloma/
2. exp neoplasms, plasma cell/
3. exp plasmacytoma/
4. (myelom* or plasmacytom*).tw.
5. (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6. "Monoclonal Gammopathy of Undetermined Significance"/
7. MGUS.tw.
8. monoclonal gammopath*.tw.
9. or/1-8
10. exp Bone Marrow Examination/
11. Bone Marrow/pa [Pathology]
12. (bone marrow adj3 (biops* or immunophenotyp*)).tw.
13. In Situ Hybridization, Fluorescence/
14. Cytogenetics/
15. exp Immunohistochemistry/
16. exp Immunoglobulins/
17. light chain*.tw.
18. heavy chain*.tw.
19. exp Flow Cytometry/
20. exp Immunophenotyping/
21. exp Polymerase Chain Reaction/
22. exp Gene Expression Profiling/
23. exp beta 2-Microglobulin/
24. exp Microarray Analysis/
25. exp oligonucleotide array sequence analysis/ or exp protein array analysis/ or exp tissue array analysis/
26. (risk adj (group* or categor*)).tw.
27. (high-risk or high risk).tw.
28. fluorescence in situ hybridization.tw.
29. cytogenetic*.tw.
30. immunohistochem*.tw.
31. (flow adj cytometr*).tw.

- 32. or/10-31
- 33. 9 and 32
- 34. exp Cohort Studies/
- 35. exp Mortality/
- 36. exp Morbidity/
- 37. natural history.ti,ab.
- 38. prognos\$.ti,ab.
- 39. course.ti,ab.
- 40. predict\$.ti,ab.
- 41. exp "Outcome Assessment (Health Care)"/
- 42. outcome\$1.ti,ab.
- 43. (inception adj cohort\$1).ti,ab.
- 44. Disease Progression/
- 45. exp Survival Analysis/
- 46. exp Prognosis/
- 47. or/34-46
- 48. 33 and 47
- 49. limit 48 to yr="2005 -Current"

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Search filter applied (as per search strategy detailed above). Date limit of 2005 onwards applied with agreement with GDG. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	Sifted 165	18	08/06/2015
<i>Premedline (8 June, 2015)</i>	165	23	08/06/2015
<i>Embase</i>	Sifted 447	33	08/06/2015
<i>Cochrane Library</i>	Sifted 321	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	Sifted 309	32	08/06/2015

Total References retrieved (after de-duplication): 91

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 3 – Imaging Investigations

Literature search summary

- **What is the optimal imaging strategy for patients with suspected myeloma?**
- **What is the most effective imaging to guide treatment decisions in patients with newly diagnosed myeloma?**

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	2000 -	817	267	14/08/2014
<i>Premedline</i>	July 15, 2014	186	29	14/08/2014
<i>Embase</i>	2000 -	2376	438	14/08/2014
<i>Cochrane Library</i>	As per database	76	19	14/08/2014
<i>Web of Science (SCI & SSCI)</i>	2000 -	1671	409	14/08/2014

Total References retrieved (after de-duplication): 635

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Radiography/
 9 (radiograph\$ or xray or x-ray).mp.
 10 exp Ultrasonography/
 11 (ultrasound\$ or ultrasonograph\$ or sonogra\$ or ultrasonic or echogra\$ or echotomogra\$).mp.
 12 exp Radionuclide Imaging/
 13 (radionuclide adj1 (scan\$ or imaging)).tw.
 14 scintigraph\$.mp.
 15 exp Magnetic Resonance Imaging/
 16 magnet\$ resonance.mp.
 17 (MRI or MRI\$1 or NMR\$1).tw.
 18 (MR adj (imag\$ or scan\$)).tw.
 19 (magnet\$ adj (imag\$ or scan\$)).tw.
 20 (magneti?ation adj3 imaging).tw.
 21 exp Tomography/
 22 exp Tomography, X-Ray Computed/
 23 PET\$1.tw.
 24 PET-CT.tw.
 25 (comput\$ adj1 tomogra\$).tw.
 26 ((diffusion or planar or echoplanar or functional or nuclear or radionuclide or radioisotope or conventional) adj2 (scan\$ or imag\$ or tomogra\$)).tw.
 27 (FDG-PET or FES-PET or 18F-FDG-PET or FLT-PET).mp.
 28 ((CT or CAT) adj (scan\$ or imaging or examination)).tw.
 29 (PET adj (scan\$ or imag\$ or examination)).tw.
 30 positron emission tomograph\$.mp.
 31 (bone adj3 (scan\$ or imag\$)).mp.

32 (skeletal\$ adj3 survey).tw.
33 MIBI.tw.
34 or/8-33
35 7 and 34
36 limit 35 to yr="2000 -Current"

2. Health Economics Literature search details

Topic D1 was selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma and no further searches were requested by the health economist.

3. Any further comments

Basic exclusions filter only and, with the agreement of the GDG, a date limit of 2000 onwards applied due to developing imaging techniques. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	862 – 124 sifted	18	08/06/2015
<i>Premedline (5 June 2015)</i>	221	26	08/06/2015
<i>Embase</i>	1769 – 703 sifted	101	08/06/2015
<i>Cochrane Library</i>	108 - 36 sifted	1	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	1841 – 254 sifted	52	08/06/2015

Total References retrieved (after de-duplication): 120

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 4 – Smouldering Myeloma

Literature search summary

What are the most effective primary management strategies (including observation) for patients with asymptomatic myeloma?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	707	136	08/12/2014
<i>Premedline</i>	Dec 3, 2014	86	9	04/12/2014
<i>Embase</i>	1974 -	1380	203	16/12/2014
<i>Cochrane Library</i>	As per database	39	22	18/12/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	1507	242	19/12/2014

Total References retrieved (after de-duplication): 382

Medline search strategy (*This search strategy is adapted to each database*)

- 1 exp Multiple Myeloma/
- 2 exp Neoplasms, Plasma Cell/
- 3 exp Plasmacytoma/
- 4 (myeloma* or plasmacytoma).tw.
- 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
- 6 Kahler*.tw.
- 7 or/1-6
- 8 exp asymptomatic diseases/ or exp asymptomatic infections/
- 9 asymptom*.tw.
- 10 (smouldering or smoldering).tw.
- 11 SMM.tw.
- 12 "clinically silent".tw.
- 13 (indolent adj (stage or disease)).tw.
- 14 (early adj (stage* or disease*)).tw.
- 15 or/8-14
- 16 7 and 15

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	699 – 79 sifted	4	08/06/2015
<i>Premedline (5 June, 2015)</i>	99	8	08/06/2015
<i>Embase</i>	1527 – 398 sifted	25	08/06/2015
<i>Cochrane Library</i>	52 –14 sifted	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	1584 – 199 sifted	25	08/06/2015

Total References retrieved (after de-duplication): 34

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 5 – Service Organisation

Literature search summary

What is the optimal configuration of local and regional haematology services for management of myeloma?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	1946 -	2396	455	20/11/2014
Premedline	Nov 19, 2014	130	19	20/11/2014
Embase	1974 -	2701	502	24/11/2014
Cochrane Library	As per database	138	19	25/11/2014
Web of Science (SCI & SSCI)	1970 -	5090	370	02/12/2014
AMED	1985 -	33	21	20/11/2014
Psycinfo	1806 -	62	32	20/11/2014

Total References retrieved (after de-duplication): 1022

Medline search strategy (*This search strategy is adapted to each database*)

- 1 exp Multiple Myeloma/
- 2 exp Neoplasms, Plasma Cell/
- 3 exp Plasmacytoma/
- 4 (myeloma* or plasmacytoma).tw.
- 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
- 6 Kahler*.tw.
- 7 or/1-6
- 8 Hematologic Diseases/
- 9 exp Hematologic Neoplasms/
- 10 (h?ematolog\$ adj1 malignan\$).tw.
- 11 (h?ematolog\$ adj1 neoplas\$).tw.
- 12 or/8-11
- 13 Physicians Practice Patterns/
- 14 exp Interprofessional Relations/
- 15 multiprofession\$.tw.
- 16 (multi-profession\$ or multi profession\$).tw.
- 17 multidisciplinary.tw.
- 18 (multi-disciplinary or multi disciplinary).tw.
- 19 interprofession\$.tw.
- 20 (inter-professional\$ or inter profession\$).tw.
- 21 crossdisciplinary.tw.
- 22 (cross-disciplinary or cross disciplinary).tw.
- 23 Oncologic Nursing/
- 24 nurs\$ specialist\$.tw.
- 25 oncology\$ nurs\$.tw.
- 26 exp Patient Care Team/
- 27 assessment\$ team\$.tw.
- 28 specialist\$ team\$.tw.
- 29 skill\$ mix\$.tw.
- 30 (skillmix\$ or skill\$-mix\$).tw.
- 31 cancer network\$.tw.

32 team meetings\$.tw.
 33 management plan\$.tw.
 34 Patient-Centered Care/
 35 Continuity of Patient Care/
 36 exp Delivery of Health Care, Integrated/
 37 (integrated adj2 care).tw.
 38 teamwork\$.tw.
 39 (team-work\$ or team work\$).tw.
 40 MDT.tw.
 41 exp Hospitals, Special/
 42 Oncology Service, Hospital/
 43 Specialism/
 44 specialist\$.tw.
 45 (speciali?ed or speciali?ing).tw.
 46 (special\$ adj (unit\$ or centre\$ or center\$ or hospital\$ or clinic\$1)).tw.
 47 (special\$ adj (facilit\$ or team\$ or service\$)).tw.
 48 (single adj (unit\$ or centre\$ or center\$ or clinic\$1)).tw.
 49 ((haematolog\$ or hematolog\$) adj (unit\$ or centre\$ or center\$ or clinic\$1)).tw.
 50 ((haematolog\$ or hematolog\$) adj (facilit\$ or team\$ or service\$)).tw.
 51 ((specialist\$ or speciali?ed) adj2 experience).tw.
 52 ((bone tumo?r\$ or bone disease\$ or spinal disease\$) adj (unit\$ or centre\$ or center\$ or service\$)).tw.
 53 (radiolog\$ adj (unit\$ or centre\$ or center\$ or service\$)).tw.
 54 ((radiotherap\$ or radiation or irradiation) adj (unit\$ or centre\$ or center\$ or service\$)).tw.
 55 (transplant\$ adj (unit\$ or centre\$ or center\$ or service\$)).tw.
 56 (dental\$ adj (unit\$ or centre\$ or center\$ or service\$ or clinic\$)).tw.
 57 (renal disease\$ adj (unit\$ or centre\$ or center\$ or service\$)).tw.
 58 ((supportive or palliative) adj2 (unit\$ or centre\$ or center\$ or service\$ or network\$)).tw.
 59 ((cancer or oncology) adj (unit\$ or centre\$ or center\$ or service\$ or team\$)).tw.
 60 (non-specialist\$ or nonspecialist\$).tw.
 61 exp Long-Term Care/og [Organization & Administration]
 62 exp "Delivery of Health Care"/
 63 ("service delivery" or "service provision").tw.
 64 (access\$ adj2 service\$).tw.
 65 or/13-64
 66 7 or 12
 67 65 and 66

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	2469 – 143 sifted	3	18/06/2015
<i>Premedline (5 June 2015)</i>	144	6	18/06/2015
<i>Embase</i>	2811 – 495 sifted	14	18/06/2015
<i>Cochrane Library</i>	150 – 15 sifted	0	18/06/2015
<i>Web of Science (SCI & SSCI)</i>	5325 – 262 sifted	10	18/06/2015
<i>AMED, Psycinfo</i>	Nothing new	Nothing new	18/06/2015

Total References retrieved (after de-duplication): 26

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 6 – Managing newly diagnosed myeloma First-line treatment

Literature search summary

- Which patients with newly diagnosed myeloma should be considered for autologous stem cell transplantation?
- In which patients with relapsed or refractory myeloma is a second autologous stem cell transplant more effective than other therapy?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	2000 onwards	1704	507	23/09/2014
<i>Premedline</i>	12 Sept, 2014	235	122	15/09/2014
<i>Embase</i>	2000 onwards	1556	710	02/10/2014
<i>Cochrane Library</i>	As per database	599	599	30/09/2014

Total References retrieved (after de-duplication): 1573

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Stem Cell Transplantation/
 9 exp Bone Marrow Transplantation/
 10 (allograft* or autograft* or allo-graft* or auto-graft*).tw.
 11 (allotransplant* or allo-transplant* or autotransplant* or auto-transplant*).tw.
 12 ((allogen* or allo-gen* or autolog*) adj5 (transplant* or graft* or rescue*)).tw.
 13 (homograft* or homo-graft* or homotransplant* or homo-transplant*).tw.
 14 (bone marrow adj2 (transplant* or graft* or rescue*)).tw.
 15 ((stem cell* or stem-cell*) adj2 (transplant* or graft* or rescue*)).tw.
 16 (ASCT or ABMT or SCT or BMT or HSCT or HBMT).tw.
 17 exp Transplantation, Autologous/
 18 exp Transplantation, Homologous/
 19 exp Transplantation Conditioning/
 20 exp Hematopoietic Stem Cell Mobilization/
 21 (nonmyeloablat\$* or non-myeloablat* or myeloablat*).tw.
 22 (reduced intens* or full intens* or high intens*).tw.
 23 (mini-transplant* or minitransplant*).tw.
 24 (RIC or MAC).tw.
 25 (graft adj2 host).tw.
 26 GVHD.tw.
 27 exp Graft vs Host Disease/
 28 or/8-27
 29 7 and 28
 30 limit 29 to yr="2000 -Current"

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Systematic review, RCT and observational filters were used. Date limit of 2000 onwards applied with agreement with GDG. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1769 – sifted 226	29	08/06/2015
<i>Premedline (8 June, 2015)</i>	309	53	08/06/2015
<i>Embase</i>	1838 – sifted 436	78	08/06/2015
<i>Cochrane Library</i>	769 – sifted 143	4	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	Topic I – 809 total Topic F & J – 1798 total	Topic I - 157 Topic F & J - 25	08/06/2015 08/06/2015

Total References retrieved (after de-duplication): 162

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Managing newly diagnosed myeloma - Primary plasma cell leukaemia

Literature search summary

Topic G: What are the most effective treatments for patients with primary plasma cell leukaemia?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	524	109	14/11/2014
<i>Premedline</i>	Nov 12, 2014	35	11	14/11/2014
<i>Embase</i>	1974 -	798	160	14/11/2014
<i>Cochrane Library</i>	As per database	4	1	14/11/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	720	146	14/11/2014

Total References retrieved (after de-duplication): 242

Medline search strategy (*This search strategy is adapted to each database*)

- 1 exp Leukemia, Plasma Cell/
- 2 (plasma adj cell adj leukemia).tw.
- 3 (plasma adj cell adj leukaemia).tw.
- 4 or/1-3

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	519 – 27 sifted	1	08/06/2015
<i>Premedline (5 June, 2015)</i>	38	0	08/06/2015
<i>Embase</i>	899 – 160 sifted	21	08/06/2015
<i>Cochrane Library</i>	7 – 2 sifted	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	731 – 42 sifted	4	08/06/2015

Total References retrieved (after de-duplication): 22

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 8 – Managing Acute Renal Disease due to Myeloma

Literature search summary

What is the optimal management of acute renal disease in patients with myeloma?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1994 onwards	960	323	07/01/2015
<i>Premedline</i>	7 Jan, 2015	136	34	08/01/2015
<i>Embase</i>	1994 onwards	2210	622	14/01/2015
<i>Cochrane Library</i>	As per database	107	47	07/01/2015
<i>Web of Science (SCI & SSCI)</i>	1994 onwards	1888	482	16/01/2015

Total References retrieved (after de-duplication): 897

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Plasmapheresis/
 9 exp Plateletpheresis/
 10 (plasmapheres* or plateletpheres\$ or thrombocytopheres\$).tw.
 11 (plasma adj3 exchange).tw.
 12 exp Renal Replacement Therapy/
 13 exp Peritoneal Dialysis, Continuous Ambulatory/
 14 (h?emodialys?s or dialysis or h?emofiltration or h?emodiafiltration or CAPD).tw.
 15 (CRRT or CVVH or CVVHD or CVVHDF or SCUF).tw.
 16 (renal adj3 replace\$).tw.
 17 ((kidney or renal) adj2 (fail\$ or impair\$ or insufficien\$ or dysfunction\$ or injur\$ or disease)).tw.
 18 or/8-17
 19 7 and 18
 20 "myeloma kidney".tw.
 21 "cast nephropathy".tw.
 22 or/19-21
 23 limit 22 to yr="1994 -Current"

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only. Date limit of last 20 years placed upon on the search at the recommendation of the GDG. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	962 – 29 sifted	3	08/06/2015
<i>Premedline (5 June, 2015)</i>	141	14	08/06/2015
<i>Embase</i>	2422 – 227 sifted	51	07/05/2015
<i>Cochrane Library</i>	126 – 26 sifted	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	2245 – 210 sifted	21	08/06/2015

Total References retrieved (after de-duplication): 67

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 9 – Preventing and Managing Bone Disease

Literature search summary

- What is the most effective method of preventing bone disease in patients with myeloma?
- What are the most effective treatments (other than chemotherapy) for non-spinal bone disease in patients with myeloma (including radiotherapy and surgical intervention)?
- Excluding chemotherapy, which treatments are effective for spinal bone disease in patients with myeloma, and in which circumstances and order should they be offered?

1. Literature search details

Topic L1 – L3 Bisphosphonates

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	673	198	21/05/2014
<i>Premedline</i>	May 20, 2014	11	8	21/05/2014
<i>Embase</i>	1974 -	951	324	21/05/2014
<i>Cochrane Library</i>	As per database	378	161	22/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	446	115	22/05/2014

Topic L1 – L3 Denosumab

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	151	52	15/05/2014
<i>Premedline</i>	May 14, 2014	8	7	15/05/2014
<i>Embase</i>	1974 -	154	84	15/05/2014
<i>Cochrane Library</i>	As per database	19	10	15/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	129	70	15/05/2014

Total References retrieved (after de-duplication): 604 in all

Topic L1 Anabolic Therapy

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	(1672) 313	39	22/05/2014
<i>Premedline</i>	May 21, 2014	54	6	22/05/2014
<i>Embase</i>	1974 -	(4303) 928	64	30/05/2014
<i>Cochrane Library</i>	As per database	267	37	22/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	(1557) 793	71	30/05/2014

Topic L1 Exercise

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	172	18	20/05/2014
<i>Premedline</i>	May 19, 2014	3	0	20/05/2014
<i>Embase</i>	1974 -	297	40	20/05/2014
<i>Cochrane Library</i>	As per database	18	11	20/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	98	30	20/05/2014

Topic L1 Calcium and Vitamin D

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	910	50	15/05/2014
<i>Premedline</i>	May 14, 2014	28	2	15/05/2014
<i>Embase</i>	1974 -	748	40	30/05/2014
<i>Cochrane Library</i>	As per database	57	13	16/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	663	31	30/05/2014

Total References retrieved (after de-duplication): 268 in all

Topic L2 and L3

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	1863	360	21/07/2014
<i>Premedline</i>	July 18, 2014	160	35	21/07/2014
<i>Embase</i>	1974 -	2969	620	22/07/2014
<i>Cochrane Library</i>	As per database	197	24	21/07/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	1290	354	21/07/2014

Total References retrieved (after de-duplication): 942

Medline search strategy (*This search strategy is adapted to each database*)

Bisphosphonates Search

- 1 exp Diphosphonates/
- 2 exp Organophosphorus Compounds/
- 3 exp Phosphoric Acids/
- 4 (bisphosphonat\$ or diphosphonat\$).af.
- 5 etidron\$.af.
- 6 didron\$.af.
- 7 difosfen.af.
- 8 osteodidronel.af.
- 9 osteum.af.
- 10 "disodium dihydrogen(1-hydroxyethylidene)diphosphonate".af.
- 11 pamidronate.af.
- 12 APD.af.
- 13 aredia.af.
- 14 "disodium 3-amino-1-hydroxypropylidenebisphosphonate".af.
- 15 clodronate.af.
- 16 bonefos.af.
- 17 loron.af.
- 18 ascredar.af.
- 19 lodronat.af.
- 20 lytos.af.
- 21 ostac.af.
- 22 clastoban.af.
- 23 clasteon.af.
- 24 difosfonal.af.
- 25 ossiten.af.
- 26 mebonat.af.
- 27 "disodium (dichloromethylene) diphosphonate tetrahydrate".af.
- 28 tiludron\$.af.
- 29 skelid.af.
- 30 "disodium dihydrogen{[(p-chlorophenyl)thio]methylene}diphosphonate hemihydrate".af.
- 31 risedron\$.af.
- 32 actonel.af.
- 33 "sodium trihydrogen[1-hydroxy-2-(3-pyridyl)ethylidene]diphosphonate".af.
- 34 alendron\$.af.

35 fosamax.af.
36 adronat.af.
37 alendros.af.
38 dronal.af.
39 "aminohydroxybutylidene diphosphonic acid".af.
40 neridron\$.af.
41 AHDP.af.
42 "(6-amino-1-hydroxyhexylidene)diphosphonic acid".af.
43 zoledron\$.af.
44 zometa.af.
45 ibandron\$.af.
46 bondronat.af.
47 "(1-hydroxy-3-[methylpentylamino]propylidene)diphosphonic acid".af.
48 olpadron\$.af.
49 OPD.af.
50 "(3-dimethylamino-1-hydroxypropylidene)bisphosphonate".af.
51 incadron.af.
52 YM175.af.
53 YM 175.af.
54 minodron\$.af.
55 YM529.af.
56 YM 529.af.
57 or/1-56
58 exp Multiple Myeloma/
59 exp Neoplasms, Plasma Cell/
60 exp Plasmacytoma/
61 (myeloma* or plasmacytoma).tw.
62 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
63 Kahler*.tw.
64 or/58-63
65 57 and 64

Denosumab Search

1 exp Multiple Myeloma/
2 exp Neoplasms, Plasma Cell/
3 exp Plasmacytoma/
4 (myeloma* or plasmacytoma).tw.
5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6 Kahler*.tw.
7 or/1-6
8 exp RANK Ligand/
9 (denosumab or prolia or xgeva).tw.
10 4EQZ6YO2HI.rn.
11 or/8-10
12 7 and 11

Anabolic Therapy Search

1 exp Multiple Myeloma/
2 exp Neoplasms, Plasma Cell/
3 exp Plasmacytoma/
4 (myeloma* or plasmacytoma).tw.
5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6 Kahler*.tw.
7 or/1-6
8 (bortezomib or velcade).tw.
9 (carfilzomib or kyprolis).tw.
10 (anabolic adj bone).tw.

11 (bone adj anabolic).tw.
12 (bone adj prevent\$).tw.
13 (prevent\$ adj bone).tw.
14 or/8-13
15 7 and 14

Exercise Search

1 exp Multiple Myeloma/
2 exp Neoplasms, Plasma Cell/
3 exp Plasmacytoma/
4 (myeloma* or plasmacytoma).tw.
5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6 Kahler*.tw.
7 or/1-6
8 exp Exercise/ or exp Exercise Therapy/
9 exp Sports/
10 Physical Fitness/
11 (exercis\$ or sport\$).mp.
12 physical fitness.mp.
13 physical activit\$.mp.
14 or/8-13
15 7 and 14

Calcium & Vitamin D Search

1 exp Multiple Myeloma/
2 exp Neoplasms, Plasma Cell/
3 exp Plasmacytoma/
4 (myeloma* or plasmacytoma).tw.
5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6 Kahler*.tw.
7 or/1-6
8 exp Calcium/
9 exp Calcium, Dietary/
10 calcium.tw.
11 exp Vitamin D/
12 (vitamin D or vitamin D2 or vitamin D3).tw.
13 (calcitriol or cholecalciferol or colecalciferol or ergocalciferol\$ or alphacalcidol or alfacalcidol or hydroxycholecalciferol or dihydrotachysterol).tw.
14 exp Ergocalciferols/
15 exp Cholecalciferol/
16 or/8-15
17 7 and 16

L2-L3 (Surgery etc) Search

1 exp Multiple Myeloma/
2 exp Neoplasms, Plasma Cell/
3 exp Plasmacytoma/
4 (myeloma* or plasmacytoma).tw.
5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6 Kahler*.tw.
7 or/1-6
8 exp Kyphoplasty/
9 exp Vertebroplasty/
10 (vertebroplast\$ or kyphoplast\$ or lordoplast\$).tw.
11 exp Fracture Fixation/
12 exp Orthopedic Procedures/
13 ((vertebra\$ or cement\$) adj3 augment\$).tw.

14 (pinning or plating or fixation or bracing).tw.
 15 (spinal adj3 (surgery or rehabilitation)).tw.
 16 or/8-15
 17 7 and 16
 18 exp Bone Neoplasms/
 19 exp neoplasm metastasis/
 20 exp "bone and bones"/
 21 19 and 20
 22 ((bone\$ or skelet\$ or spinal or vertebra\$ or osseous or osteo\$) adj3 (disease\$ or lesion\$ or tumor\$ or tumour\$ or second\$ or metast\$ or spread\$)).mp.
 23 18 or 21 or 22
 24 exp hypercalcemia/
 25 exp Fractures, Bone/
 26 exp spinal cord compression/
 27 (hypercalc\$ or fractur\$ or break\$ or compress\$).mp.
 28 or/24-27
 29 exp neoplasms/
 30 28 and 29
 31 exp Osteolysis/
 32 (bone\$ or skelet\$ or spinal or spine or vertebra\$ or osseous or osteo\$ or fractur\$ or compress\$).mp.
 33 23 or 30 or 31 or 32
 34 7 and 33
 35 exp Pain/ or exp Pain Management/
 36 pain.ti,ab.
 37 35 or 36
 38 34 and 37
 39 exp Radiotherapy/
 40 exp Radiation/
 41 (radiotherapy or radiation or irradiation).tw.
 42 or/39-41
 43 7 and 42 and 33
 44 17 or 38 or 43

2. Health Economics Literature search details

Topics L1 and L2 were not selected, but Topic L3 was selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma and no further searches were requested by the health economist.

3. Any further comments

Systematic review and RCT filters applied to the bisphosphonates search. On all other searches, basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
Medline (and check on Pubmed)	688 (bisphos) – 29 sifted 165 (denosumab) – 20 sifted 369 (anabolic) - 61 sifted 929 (calcium/vitd) – 33 sifted 183 (exercise) – 12 sifted 1907 (surgery etc) – 94 sifted	15	08/06/2015
Premedline (8 June, 2015)	10 (bisphos) 8 (denosumab) 69 (anabolic) 28 (calcium/vitd) 5 (exercise) 200 (surgery etc)	27	08/06/2015

Embase	1003 (bisphos) – 91 sifted 484 (denosumab) – 114 sifted 1287 (anabolic) – 200 sifted 1581 (calcium/vidt) – 67 sifted 343 (exercise) – 413 sifted 4337 (surgery etc) – 710 sifted	133	08/06/2015
Cochrane Library	426 (bisphos) – 49 sifted 34 (denosumab) – 6 sifted 360 (anabolic) – 78 sifted 82 (calcium/vidt) – 9 sifted 20 (exercise) – 5 sifted 221 (surgery etc) – 15 sifted	12	08/06/2015
Web of Science (SCI & SSCI)	514 (bisphos) – 135 sifted 148 (denosumab) – 21 sifted 860 (anabolic) – 149 sifted 703 (calcium/vidt) – 49 sifted 113 (exercise) – 13 sifted 1361 (surgery etc) – 106 sifted	55	08/06/2015
Total References retrieved (after de-duplication): 151			

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 10 – Preventing and Managing Complications – preventing infection

Literature search summary

What is the most effective prophylactic strategy for infection in patients with myeloma (including immunoglobulin, antibiotics, growth factors and vaccinations)?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	1514	260	23/01/2015
<i>Premedline</i>	21 Jan, 2015	160	13	22/01/2015
<i>Embase</i>	1974 -	2253	468	27/01/2015
<i>Cochrane Library</i>	As per database	444	89	20/01/2015
<i>Web of Science (SCI & SSCI)</i>	1970 -	1996	370	05/02/2015

Total References retrieved (after de-duplication): 746

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Colony-Stimulating Factors/
 9 (RHG?CSF\$ or RH-G?CSF\$ or RHGM?CSF\$ or RH-GM?CSF\$ or RMETHUG\$ or RHMETHUG\$ or R-METHUG\$ or RH-METHUG\$ or R?METHUG?CSF\$ or RHUG\$ or RHUG?CSF\$ or RHUGM\$ or RHUGM?CSF\$ or GCSF\$ or G-CSF\$ or G?CSF\$ or GM-CSF\$ or GMCSF\$ or GM?CSF\$).tw.
 10 (granulo?yt\$ adj3 fa?tor\$).tw.
 11 (ma?rophag\$ adj3 fa?tor\$).tw.
 12 (h?emato\$ adj3 growth\$ adj3 factor\$).tw.
 13 (colon\$ adj3 stimulat\$ adj3 factor\$).tw.
 14 (filgrastim\$ or neupogen).tw.
 15 (filgrastim\$ or peg?filgrastim\$ or neupogen or neulasta or nivestim or ratiograstim or Zarzio or religrast\$ or nugraf\$ or lenograstim\$ or regrarmostim\$ or ecograrmostim\$ or molgrarmostim\$ or sargrarmostim\$ or nartograstim\$ or pegnartograstim\$ or leukine or leucomax or granocyte or Euprotin or leridistim\$ or macrogen\$ or Mielogen\$).tw.
 16 8 or 9 or 10 or 11 or 12 or 13 or 14 or 15
 17 exp Anti-Bacterial Agents/
 18 exp Antibiotic Prophylaxis/
 19 (antibiotic\$ or antimicrobial\$ or anti-microbial\$ or antimycobacterial\$ or anti-mycobacterial\$ or antibacterial\$ or anti-bacterial\$).mp.
 20 exp Quinolones/
 21 (ciprofloxacin or ofloxacin or norfloxacin or pefloxacin or moxifloxacin or levofloxacin or gemifloxacin or gatifloxacin).mp.
 22 exp Trimethoprim-Sulfamethoxazole Combination/
 23 trimethoprim-sulfamethoxazole.mp.
 24 TMP-SMZ.mp.
 25 Co-trimoxazole\$.tw.
 26 exp Sulfonamides/

27 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 or 25 or 26
 28 exp Vaccination/
 29 vaccin*.tw.
 30 28 or 29
 31 exp Immunoglobulins/
 32 (Immunoglobulin\$ or gammaglobulin\$ or gamma globulin\$ or immune globulin\$ or omrigam or sandoglobulin* or ivig or hyperimmune* or Alphaglobin or Endobulin or Gamimune or Gamimmune or Gamimune N or Gamimmune N or Intraglobin F or Venimmune or Venoglobulin-I or Venoglobulin I or VenoglobulinI or Venoglobulin or Iveegam or Intraglobin or Gammagard or Gammonativ or Globulin-N or Globulin N or GlobulinN).tw.
 33 31 or 32
 34 exp Antiviral Agents/
 35 exp Antifungal Agents/
 36 (antiviral\$ or anti-viral\$ or antifungal\$ or anti-fungal\$.mp.
 37 34 or 35 or 36
 38 exp Pneumocystis Infections/
 39 exp Pneumocystis/
 40 (pcp or pneumocystis).mp.
 41 38 or 39 or 40
 42 prevention & control.fs.
 43 exp Chemoprevention/
 44 prevention.tw.
 45 (prophylaxis or prophylactic or chemoprophylaxis).mp.
 46 42 or 43 or 44 or 45
 47 exp Infection/
 48 infection\$.tw.
 49 exp Neutropenia/
 50 (neutropen* or neutropaen*).tw.
 51 47 or 48 or 49 or 50
 52 16 or 27 or 30 or 33 or 37 or 41 or 51
 53 7 and 46 and 52
 54 7 and 30
 55 7 and 51 and 52
 56 53 or 54 or 55

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Systematic review, RCT and observational filters were used. No date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1567 – 34 sifted	3	08/06/2015
<i>Premedline (5 June 2015)</i>	175	3	08/06/2015
<i>Embase</i>	2355 – 151 sifted	41	08/06/2015
<i>Cochrane Library</i>	479 – 48 sifted	2	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	2101 – 187 sifted	16	08/06/2015

Total References retrieved (after de-duplication): 53

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 10 – Preventing and Managing Complications - Managing peripheral neuropathy

Literature search summary

What is the most effective way to manage neuropathy in patients with myeloma (excluding pharmacological management of neuropathic pain)?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	1483	1483	14/07/2014
<i>Premedline</i>	14/07/2014	72	72	14/07/2014
<i>Pubmed</i>	2013 -	136	136	18/07/2014
<i>Embase</i>	1974 -	2478	2478	14/07/2014
<i>Cochrane Library</i>	As per database	75	75	15/07/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	2696	2696	15/07/2014
<i>Psychinfo</i>	1806 -	29	29	15/07/2014
<i>AMED</i>	1985 -	3	3	15/07/2014
<i>Cinahl</i>	1937 -	171	171	15/07/2014

Total References retrieved (after de-duplication): 4019, then sifted down to 688

Medline search strategy (*This search strategy is adapted to each database*)

1. exp Multiple Myeloma/
2. exp Neoplasms, Plasma Cell/
3. exp Plasmacytoma/
4. (myeloma* or plasmacytoma).tw.
5. (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
6. Kahler*.tw.
7. or/1-6
8. exp Peripheral Nervous System Diseases/
9. (neuropath* or polyneuropath*).tw.
10. ((autonom* or motor* or sensor* or spin* or peripher*) adj2 (nerve* or neuritis)).tw.
11. (nerve* adj2 pain).tw.
12. exp Neuralgia/
13. exp Neuritis/
14. CIPN.tw.
15. (chemo* adj3 neuropath*).tw.
16. or/8-15
17. 7 and 16

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1568 – 111 sifted	5	08/06/2015
<i>Premedline (5 June, 2015)</i>	83	5	08/06/2015
<i>Embase</i>	2812 – 470 sifted	40	08/06/2015
<i>Cochrane Library</i>	155 – 73 sifted	2	08/06/2015
<i>Cinahl</i>	193 – 32 sifted	3	08/06/2015
<i>Psychinfo</i>	31 – 4 sifted	0	08/06/2015
<i>AMED</i>	3 – 0 sifted	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	2917 – 279 sifted	33	08/06/2015

Total References retrieved (after de-duplication): 64

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 10 – Preventing and managing complications - Preventing Thrombosis

Literature search summary

What is the most effective method for prevention of thrombosis in patients with myeloma?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	1946 -	724	162	16/06/2014
Premedline	June 13, 2014	38	9	16/06/2014
Embase	1974 -	2864	504	25/06/2014
Cochrane Library	As per database	85	48	16/06/2014
Web of Science (SCI & SSCI)	1970 -	908	261	17/06/2014
AMED	1985 -	2	0	16/06/2014
Psycinfo	1806 -	3	0	16/06/2014
Cinahl	1937 -	34	2	17/06/2014

Total References retrieved (after de-duplication): 641

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Venous Thromboembolism/
 9 exp Venous Thrombosis/
 10 exp Pulmonary Embolism/
 11 ((venous or vein) adj (thrombosis or thrombus or thromboembolism)).tw.
 12 ((pulmonary or lung) adj6 (embolism or emboli)).tw.
 13 (dvt or vte).tw.
 14 (thrombosis or thrombus or thromboembolism).tw.
 15 or/8-14
 16 7 and 15
 17 exp Anticoagulants/
 18 exp Fibrinolytic Agents/
 19 exp Platelet Aggregation/
 20 exp Antithrombins/
 21 (anticoagula\$ or anti coagula\$ or antithromb\$ or anti thromb\$ or antiemboli\$ or anti emboli\$ or thrombin inhibit\$ or direct thrombin).ti,ab.
 22 Aspirin/
 23 (aspirin or acetylsalicylic acid or antiplatelet or anti platelet or ASA).mp.
 24 (Dabigatran or dabigatran etexilate or Rendix or Pradaxa).mp.
 25 (Rivaroxaban or Xarelto).mp.
 26 (Apixaban or Eliquis).mp.
 27 (Clopidogrel or Plavix).mp.
 28 (Dipyridamole or Permole or Persantine).mp.
 29 Dipyridamole/

30 (fondaparinux or Fondaparin sodium or idraparinux or arixtra).mp.
 31 (Defibrotide or Defitelio or Gentium).mp.
 32 VKA.mp.
 33 vitamin K antagonist\$.mp.
 34 heparin/ or heparin, low-molecular-weight/
 35 (Heparin or Lipo-Hepin or Liquaemin or Panheparin or LMWH).mp.
 36 thromboprophylaxis.mp.
 37 exp Warfarin/
 38 exp Coumarins/
 39 (acenocoumarol or brodifacoum or bromadiolone or cloricromen or coumafes or coumadin or coumarin or coumatetralyl or coumetarol or dicoumarol or difenacoum or ethyl-biscoumacetate or flocoumafen or galbanic-acid or nicoumalone or phenindione or phenprocoumon or phepromaron or tiocloamarol or sinthron or warfarin).tw.
 40 or/17-39
 41 7 and 40
 42 16 or 41

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
Medline (and check on Pubmed)	750 – 47 sifted	5	08/06/2015
Premedline (8 June, 2015)	60	4	08/06/2015
Embase	3283 – 575 sifted	56	08/06/2015
Cochrane Library	162 – 65 sifted	4	08/06/2015
Web of Science (SCI & SSCI)	982 – 96 sifted	16	08/06/2015
AMED, Psycinfo, Cinahl	Nothing new	Nothing new	08/06/2015

Total References retrieved (after de-duplication): 66

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 10 – Preventing and managing complications - Managing fatigue

Literature search summary

Which interventions are most effective in reducing fatigue in patients being treated for myeloma?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	898	130	06/05/2014
<i>Premedline</i>	6 May 2014	39	5	07/05/2014
<i>Embase</i>	1974 -	2182	198	08/05/2014
<i>Cochrane Library</i>	As per database	126	47	07/05/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	1051	232	08/05/2014
<i>Psychinfo</i>	1806 -	24	11	07/05/2014
<i>AMED</i>	1985 -	24	5	07/05/2014
<i>Cinahl</i>	1937 -	68	23	08/05/2014

Total References retrieved (after de-duplication): 379

Medline search strategy (*This search strategy is adapted to each database*)

- 1 exp Multiple Myeloma/
- 2 exp Neoplasms, Plasma Cell/
- 3 exp Plasmacytoma/
- 4 (myeloma* or plasmacytoma).tw.
- 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
- 6 Kahler*.tw.
- 7 or/1-6
- 8 exp Fatigue/
- 9 fatigu\$.ti,ab.
- 10 (exhaust\$ or tired\$ or weary or weariness).ti,ab.
- 11 (low adj energy).ti,ab.
- 12 ((asthenia or asthenic) and syndrome).tw.
- 13 ((lack or loss or lost) adj3 (energy or vigo?r)).tw.
- 14 (feel\$ adj3 (drained or sleep\$ or sluggish)).tw.
- 15 vitality.tw.
- 16 (apath\$ or lassitude or letharg\$).tw.
- 17 or/8-16
- 18 7 and 17
- 19 exp Exercise Therapy/ or exp Exercise Movement Techniques/ or exp Exercise/
- 20 exercis\$.ti,ab.
- 21 (physical adj activit\$).tw.
- 22 (pacing adj schedule\$).tw.
- 23 (psychostimulan\$ or stimulant\$).tw.
- 24 exp Methylphenidate/
- 25 exp Methamphetamine/
- 26 (methylphenid\$ or modafinil or methamphetamine).tw.
- 27 (Concerta or Metadate or Methylin or Quillivant or Ritalin or Provigil).tw.
- 28 207ZZ9QZ49.rn.
- 29 R3UK8X3U3D.rn.
- 30 44RAL3456C.rn.

31 exp Sleep/
 32 sleep\$.tw.
 33 exp Complementary Therapies/
 34 exp Diet/
 35 exp Erythropoietin/
 36 (Epogen or Eprex or Procrit or EPO or Erythropoietin or rHuEPO or rhEPO).tw
 37 11096-26-7.m.
 38 (blood adj transfusion).tw.
 39 or/19-38
 40 7 and 39
 41 18 or 40

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	971 – 88 sifted	2	08/06/2015
<i>Premedline (5 June, 2015)</i>	69	4	08/06/2015
<i>Embase</i>	2565 – 481 sifted	8	08/06/2015
<i>Cochrane Library</i>	183 – 54 sifted	5	08/06/2015
<i>Cinahl</i>	79 – 11 sifted	1	08/06/2015
<i>Psychinfo</i>	28 – 4 sifted	0	08/06/2015
<i>AMED</i>	24 – 0 sifted	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	1140 – 97 sifted	8	08/06/2015

Total References retrieved (after de-duplication): 19

NATIONAL COLLABORATING CENTRE FOR CANCER

Myeloma Clinical Guideline

Chapter 11 – Monitoring

Literature search summary

What is the optimal follow-up protocol for patients with myeloma (including duration, frequency, investigations and onward referral)?

1. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
<i>Medline</i>	1946 -	288	73	18/07/2014
<i>Premedline</i>	July 17, 2014	11	4	18/07/2014
<i>Embase</i>	1974 -	969	165	18/07/2014
<i>Cochrane Library</i>	As per database	329	13	18/07/2014
<i>Web of Science (SCI & SSCI)</i>	1970 -	366	87	18/07/2014
<i>AMED</i>	1985 -	6	0	18/07/2014
<i>Psycinfo</i>	1806 -	4	1	18/07/2014
<i>Cinahl</i>	1937 -	107	9	18/07/2014

Total References retrieved (after de-duplication): 215

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Aftercare/
 9 (aftercare or after-care or followup or follow-up or surveillance).m_titl.
 10 ((post-treatment or posttreatment) adj1 evaluation\$.mp.
 11 ((post-treatment or posttreatment) adj1 care).mp.
 12 ((post-treatment or posttreatment) adj1 monitoring).mp.
 13 or/8-12
 14 *Treatment Outcome/
 15 (response adj2 assessment).tw.
 16 (response adj2 criteria).tw.
 17 or/14-16
 18 13 or 17
 19 7 and 18

2. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

3. Any further comments

Basic exclusions filter only and no date limits applied. Any possibly relevant material selected.

4. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	305 – 48 sifted	1	08/06/2015
<i>Premedline (5 June, 2015)</i>	17	0	08/06/2015
<i>Embase</i>	1309 – 414 sifted	36	08/06/2015
<i>Cochrane Library</i>	374 – 45 sifted	0	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	389 – 35 sifted	5	08/06/2015
<i>AMED</i>	6 – 0 sifted	0	08/06/2015
<i>Psycinfo</i>	5 – 1 sifted	0	08/06/2015
<i>Cinahl</i>	158 – 51 sifted	2	08/06/2015

Total References retrieved (after de-duplication): 38

Myeloma Clinical Guideline

Chapter 12 – Managing relapsed myeloma
Second autologous stem cell transplant

Literature search summary

- Which patients with myeloma should be considered for allogeneic stem cell transplantation?

5. Literature search details

Database name	Dates Covered	No of references found	No of references retrieved	Finish date of search
Medline	2000 onwards	1704	507	23/09/2014
Premedline	12 Sept, 2014	235	122	15/09/2014
Embase	2000 onwards	1556	710	02/10/2014
Cochrane Library	As per database	599	599	30/09/2014

Total References retrieved (after de-duplication): 1573

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/
 2 exp Neoplasms, Plasma Cell/
 3 exp Plasmacytoma/
 4 (myeloma* or plasmacytoma).tw.
 5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.
 6 Kahler*.tw.
 7 or/1-6
 8 exp Stem Cell Transplantation/
 9 exp Bone Marrow Transplantation/
 10 (allograft* or autograft* or allo-graft* or auto-graft*).tw.
 11 (allograft* or allo-graft* or autograft* or auto-graft*).tw.
 12 ((allogen* or allo-gen* or autolog*) adj5 (transplant* or graft* or rescue*)).tw.
 13 (homograft* or homo-graft* or homotransplant* or homo-transplant*).tw.
 14 (bone marrow adj2 (transplant* or graft* or rescue*)).tw.
 15 ((stem cell* or stem-cell*) adj2 (transplant* or graft* or rescue*)).tw.
 16 (ASCT or ABMT or SCT or BMT or HSCT or HBMT).tw.
 17 exp Transplantation, Autologous/
 18 exp Transplantation, Homologous/
 19 exp Transplantation Conditioning/
 20 exp Hematopoietic Stem Cell Mobilization/
 21 (nonmyeloabl* or non-myeloabl* or myeloabl*).tw.
 22 (reduced intens* or full intens* or high intens*).tw.
 23 (mini-transplant* or minitransplant*).tw.
 24 (RIC or MAC).tw.
 25 (graft adj2 host).tw.
 26 GVHD.tw.
 27 exp Graft vs Host Disease/
 28 or/8-27
 29 7 and 28
 30 limit 29 to yr="2000 -Current"

6. Health Economics Literature search details

This topic was not selected for health economic modelling. The health economics search undertaken across the population identified any general health economics papers on myeloma.

7. Any further comments

Systematic review, RCT and observational filters were used. Date limit of 2000 onwards applied with agreement with GDG. Any possibly relevant material selected.

8. Update Search

For the update search, the same search criteria/filters were applied as initial search, date limit of 2014 onwards.

Database name	No of references found	No of references retrieved	Finish date of search
<i>Medline (and check on Pubmed)</i>	1769 – sifted 226	29	08/06/2015
<i>Premedline (8 June, 2015)</i>	309	53	08/06/2015
<i>Embase</i>	1838 – sifted 436	78	08/06/2015
<i>Cochrane Library</i>	769 – sifted 143	4	08/06/2015
<i>Web of Science (SCI & SSCI)</i>	Topic I – 809 total Topic F & J – 1798 total	Topic I - 157 Topic F & J - 25	08/06/2015 08/06/2015

Total References retrieved (after de-duplication): 162

1. Literature search details

Cochrane Library

HTA Database (2007 onwards)

Basic population search: 47 (43) on 12/09/2013

CDSR

Basic population search: 16 (13) on 12/09/2013

DARE

Basic population search: 39 (35) on 12/09/2013

Medline/PreMedline

Basic population search with guidelines search filter & systematic review filter

PreMedline (Sept 11, 2013): 29 (17) 12/09/2013

Medline: 395 (173) on 12/09/2013

NICE

5 (3 published and 2 in progress) on 12/09/2013. See details below.

Published

Multiple myeloma - bortezomib (TA129)

Multiple myeloma - lenalidomide (TA171)

Multiple myeloma (first line) - bortezomib and thalidomide (TA228)

In progress

Multiple myeloma - bortezomib (consolidation therapy) [ID529]

Multiple myeloma - bortezomib (induction therapy) [ID610]

Suspended

Multiple myeloma (newly diagnosed) - lenalidomide [ID474]

Multiple myeloma - lenalidomide (maintenance, post autologous stem cell transplantation) [ID475]

Multiple myeloma (one prior therapy) - vorinostat (with bortezomib) [ID501]

Related guidance on

Osteoporosis Fragility Fracture (CG146)

Anaemia (cancer-treatment induced) - erythropoietin (alfa and beta) and darbepoetin (TA142)

Bone metastases from solid tumours - denosumab (TA265)

NIHR

1 (already identified in search database) on 12/09/2013

DUETS

7 (already identified in search database) on 12/09/2013

CLINICAL EVIDENCE

0 on 12/09/2013

COMET

1 (already identified in search database) on 12/09/2013

TRIP Database

24 on 16/09/2013

NHS Evidence

97 (21) on 16/09/2013

NATIONAL GUIDELINE CLEARINGHOUSE

27 (6) on 16/09/2013

Website of Relevant Professional Bodies/Organisations

SIGN – no results (16/09/2013)

BCSH and NCCN searched on TRIP database.

BMJ Best Practice

<http://bestpractice.bmj.com/best-practice/monograph/179.html>

FINAL TOTAL: 250

Medline search strategy (*This search strategy is adapted to each database*)

1 exp Multiple Myeloma/

2 exp Neoplasms, Plasma Cell/

3 exp Plasmacytoma/

4 (myeloma* or plasmacytoma).tw.

5 (plasma cell* adj3 (cancer* or neoplas* or oncolog* or malignan* or tumo?* or carcinoma* or adenocarcinoma*)).tw.

6 Kahler*.tw.

7 or/1-6

2. Health Economics Literature search details

For the purposes of the health economics search, a full search was undertaken with no date limit to ensure full coverage of topics for the economic plan and for dealing with different health economic analyses from the last guideline

Database name	No of references found	Finish date of search
<i>Medline (2011 onwards, SIGN HE filter)</i>	98	12/09/2013
<i>Premedline (Sept 11, 2013)</i>	25	12/09/2013
<i>Embase (2011 onwards, SIGN HE filter)</i>	372	12/09/2013
<i>Cochrane: HTA</i>	47	12/09/2013
<i>Cochrane: NHSEED</i>	37	12/09/2013
<i>HEED</i>	144	23/09/2013

Total References retrieved (after de-duplication): 463 (plus 144 from HEED)

Database name	No of references found	Finish date of search
<i>Medline (2011 onwards, SIGN HE filter)</i>	127 - 42 new refs	02/06/2015
<i>Premedline (June 1, 2015)</i>	25 - 14 new refs	02/06/2015
<i>Pubmed</i>	149 - 35 new refs	02/06/2015
<i>Embase (2011 onwards, SIGN HE filter)</i>	608 - 305 new refs	02/06/2015
<i>Cochrane: HTA</i>	53 - 10 new refs	02/06/2015
<i>Cochrane: NHSEED</i>	48 - 8 new refs	02/06/2015

Total References retrieved (after de-duplication): 362 (no access to HEED this year)