

## Appendix D: Review search strategies

### D.1 Scoping search strategies

#### D.1.1 Scoping searches

Scoping searches were undertaken on the following websites and databases (listed in alphabetical order) in February 2015 to provide information for scope development and project planning. Browsing or simple search strategies were employed.

Guidelines/website	Systematic review/economic evaluations
Action for Blind People	Campbell Collaboration
Audit Commission	Cochrane Database of Systematic Reviews (CDSR)
Canadian Medical Association Infobase	Database of Abstracts of Reviews of Effects (DARE)
Care Quality Commission	DUETS
COMET	Health Technology Assessment (HTA) Database
Department of Health	International Guideline Library
Gov.uk	NHS Economic Evaluation Database (NHS EED)
Greater Medical Council (GMC)	NIHR Health Technology Assessment Programme
Guidelines & Audit Implementation Network (GAIN)	NIHR Health Services and Delivery Research (HS&DR) Programme
Guidelines International Network (GIN)	PROSPERO
Health & Social Care Information Centre (HSCIC)	TRIP Database
HealthTalk	
Henshaw's Society for Blind People	
Macular Society	
Map of Medicine	
MHRA	
National Audit Office (NAO)	
National Clinical Audit and Patient Outcomes Programme	
National Health and Medical Research Council (Australia)	
National Institute for Health and Care Excellence (NICE) - published & in development guidelines	
National Institute for Health and Care Excellence (NICE) - Topic Selection	
NHS Choices	
NHS England	
NICE Clinical Knowledge Summaries	
NICE Evidence	
Patient UK	
PatientVoices	
Public Health England	
Royal Blind Society	
Royal Colleges	
Royal London Society for Blind People	
Royal National Institute of Blind People (RNIB)	
Scottish Intercollegiate Guidelines Network (SIGN)	

Guidelines/website	Systematic review/economic evaluations
UK Data Centre US National Guideline Clearinghouse Visionary West Midlands Public Health Observatory YouthHealthTalk	

## D.1.2 Main searches

Sources searched for the guideline

- Cochrane Database of Systematic Reviews – CDSR (Wiley)
- Cochrane Central Register of Controlled Trials – CENTRAL (Wiley)
- Database of Abstracts of Reviews of Effects – DARE (Wiley)
- Health Technology Assessment Database – HTA (Wiley)
- EMBASE (Ovid)
- MEDLINE (Ovid)
- MEDLINE In-Process (Ovid)
- PsychINFO (Ovid)

## D.1.3 Identification of evidence for clinical questions

The searches were conducted between July 2015 and September 2016. In collaboration with Cochrane, the evidence for several review questions was identified by an update of an existing Cochrane review. Review questions in this category are indicated below. Where review questions had a broader scope, supplement searches were undertaken by NICE.

The re-run searches took place in November 2016 and January 2017. The MEDLINE search strategies are presented below. These were translated for use in all of the other databases.

## D.2 Review question search strategies

### D.2.1 Search strategy review question 1

RQ1: What signs and symptoms should prompt a healthcare professional to suspect AMD in people presenting to healthcare services?

Review question 1 was re-run in December 2015 when two new terms (lines 13 and 15) were added to the population search set

**Table 1: search strategy 1**

Medline Strategy, searched 23rd October 2015 – 8th December 2015 Database: Ovid MEDLINE(R) <1946 to November Week 3 2015> Search Strategy:	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.

**Medline Strategy, searched 23rd October 2015 – 8th December 2015**

**Database: Ovid MEDLINE(R) <1946 to November Week 3 2015>**

**Search Strategy:**

- 8 ((macul\* or retina\* or choroid\*) adj4 neovasc\*).tw.
- 9 (maculopath\* or drusen\*).tw.
- 10 (macul\* adj2 (lutea\* or syndrome)).tw.
- 11 (macul\* adj3 dystroph\*).tw.
- 12 ((macul\* or geographic\*) adj2 atroph\*).tw.
- 13 (choroid\* adj4 polyp\*).tw.
- 14 (AMD or ARMD).tw.
- 15 (retina\* adj4 angiomat\* adj4 prolif\*).tw.
- 16 or/1-15
- 17 ((straight or vision or sight or graph or amsler or grid) adj3 (crooked or distort\* or wav\* or curv\* or bent or break\* or missing)).tw.
- 18 (distort\* or metamorphosia).tw.
- 19 ((blur\* or loss or lose or impair\* or disab\*) adj2 (vision or visual or sight)).tw.
- 20 Scotoma/
- 21 (scotoma\* or blind spot\*).tw.
- 22 Visual Acuity/
- 23 ((read\* or drive or driving or detail\* or expression\* or feature\* or light\* or bright\*) adj3 (difficult\* or unable\* or inability)).tw.
- 24 Glare/
- 25 glare.tw.
- 26 Contrast Sensitivity/
- 27 (contrast adj3 (sensitiv\* or reduc\* or condition)).tw.
- 28 luminance\*.tw.
- 29 (micropsia or macropsia or dysmetropsia).tw.
- 30 ((character\* or object\* or image\*) adj2 (small\* or large\* or big\* or different or size\* or colour or color)).tw.
- 31 ((delay\* or dark\* or light\* or bright\* or dim\* or indoor or outdoor or outside) adj3 (pass\* or adapt\* or adjust)).tw.
- 32 Hallucinations/
- 33 Visual Perception/
- 34 (hallucination\* or illusion\* or charles bonnet or CBS).tw.
- 35 ((reduc\* or limit\* or uniocular) adj2 (vision or visual or sight)).tw.
- 36 Retinal Drusen/
- 37 drusen.tw.
- 38 ((pigment\* or exudative or wet or neovascular or h?emorrhag\* or blood vessel\* or atroph\* or macula\*) adj3 (change\* or alter\* or abnormal)).tw.
- 39 Macular Edema/
- 40 (cystoid adj macular adj (edema or oedema)).tw.
- 41 (choroid\* adj2 polyp\*).tw.
- 42 Retinal Pigment Epithelium/
- 43 pigment epithelial detach\*.tw.
- 44 Bruch Membrane/
- 45 (lamina basalis choroideae or bruch\*).tw.
- 46 Angioid Streaks/
- 47 (angioid adj2 streak\*).tw.
- 48 lacquer crack\*.tw.
- 49 (choroid\* adj3 split\*).tw.
- 50 Pseudovitelliform.tw.
- 51 or/17-50

<b>Medline Strategy, searched 23rd October 2015 – 8th December 2015</b>	
<b>Database: Ovid MEDLINE(R) &lt;1946 to November Week 3 2015&gt;</b>	
<b>Search Strategy:</b>	
52	"SIGNS AND SYMPTOMS"/
53	(sign? adj2 symptom*).tw.
54	(sign? or symptom* or complain*).tw.
55	(clinical adj3 (manifestation? or feature? or finding? or aspect? or marker?)).tw.
56	(presenting adj3 (feature? or finding? or factor?)).tw.
57	presentation?.tw.
58	(physical adj3 (manifestation? or characteristic? or feature? or finding?)).tw.
59	or/52-58
60	(sensitiv: or predictive value:).mp.
61	accurac:.tw.
62	diagnosed.tw. or cohort:.mp. or predictor:.tw. or exp models,statistical/
63	or/60-62
64	exp "Sensitivity and Specificity"/
65	sensitivity.tw.
66	specificity.tw.
67	((pre-test or pretest) adj probability).tw.
68	post-test probability.tw.
69	predictive value*.tw.
70	likelihood ratio*.tw.
71	or/64-70
72	or/59,63,71
73	and/16,51,72
74	animals/ not humans/
75	Letter/
76	Editorial/
77	News/
78	exp Historical Article/
79	Anecdotes as Topic/
80	(letter or comment*).ti.
81	or/74-80
82	73 not 81
83	limit 82 to english language

*Note: combination of McMaster diagnosis/prognosis filter, SIGN diagnosis filter and Sign & Symptom filter used by NCC-WCH were appended*

## D.2.2 Search strategy review question 2

RQ2: What risk factors increase the likelihood of a person developing AMD or progressing to late AMD?

**Table 2: search strategy 2**

<b>Medline Strategy, searched 22<sup>nd</sup> September 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to September Week 2 2015</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/

**Medline Strategy, searched 22<sup>nd</sup> September 2015**  
**Database: Ovid MEDLINE(R) 1946 to September Week 2 2015**  
**Search Strategy:**

5 Retinal drusen/  
6 ((neovascular or exudative) adj4 degener\*).tw.  
7 ((macul\* or retina\* or choroid\* or wet or dry) adj4 degener\*).tw.  
8 ((macul\* or retina\* or choroid\*) adj4 neovasc\*).tw.  
9 (maculopath\* or drusen\*).tw.  
10 (macul\* adj2 (lutea\* or syndrome)).tw.  
11 (macul\* adj3 dystroph\*).tw.  
12 ((macul\* or geographic\*) adj2 atroph\*).tw.  
13 (AMD or ARMD).tw.  
14 or/1-13  
15 Refractive Errors/  
16 Refraction, Ocular/  
17 ((refractive adj2 (status or error\*)) or ametropia\*).tw.  
18 Eye Color/  
19 ((eye or iris) adj2 (color or colour)).tw.  
20 (cataract\* adj2 (surg\* or extract\*)).tw.  
21 Cataract Extraction/  
22 Lens Implantation, Intraocular/  
23 (lens adj2 (replace\* or implant\* or remov\*)).tw.  
24 (presence or appearance or progress\* or develop\*).tw.  
25 ((other or both or fellow or second) adj2 eye\$).tw.  
26 24 and 25  
27 Retinal Drusen/  
28 drusen.tw.  
29 (reticular adj2 (pseudodrusen or pseudo-drusen)).tw.  
30 ((sub-retinal or subretinal) adj2 drusenoid adj2 deposit\*).tw.  
31 Retinal Pigment Epithelium/  
32 Retinal Pigments/  
33 Angioid Streaks/  
34 (angioid adj2 streak\*).tw.  
35 (retina\* adj2 pigment\* adj3 (change\* or abnormal\*)).tw.  
36 Pseudovitelliform.tw.  
37 pigment epithelial detach\*.tw.  
38 Macular Edema/  
39 (cystoid adj macular adj (edema or oedema)).tw.  
40 Atrophy/  
41 atroph\*.tw.  
42 Smoking/ae, co [Adverse Effects]  
43 (smoker or smoking).tw.  
44 Diet/  
45 (diet\* or nutriti\*).tw.  
46 Obesity/co [Complications]  
47 Overweight/co  
48 Body Mass Index/  
49 "body mass index".tw.  
50 (obes\* or bmi or overweight).tw.  
51 Alcohol Drinking/ae [Adverse Effects]  
52 (alcohol adj2 (consumption or intake or drink\* or problem\* or excess\*)).tw.

<b>Medline Strategy, searched 22<sup>nd</sup> September 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to September Week 2 2015</b>	
<b>Search Strategy:</b>	
53	Exercise/ph [Physiology]
54	Motor Activity/ph [Physiology]
55	(exercis* or (physical adj2 activit*)).tw.
56	Sunlight/ae [Adverse Effects]
57	Ultraviolet Rays/ae
58	((sun* or ultraviolet or uv*) adj3 exposure).tw.
59	Hypertension/co
60	(hypertensi* or ((high or raised or elevat*) adj3 blood pressure)).tw.
61	Hypercholesterolemia/co
62	(hypercholesterol?emia or dyslipidemia).tw.
63	((high or elevat*) adj3 cholesterol).tw.
64	Hypertriglyceridemia/co
65	(hypertriglyceridemia* or (elevat* adj3 triglycerides)).tw.
66	((cardiovascular or coronary or vascular) adj1 (disease* or disorder*)).tw.
67	Cardiovascular Diseases/co
68	Cerebrovascular Disorders/co
69	(cerebrovascular adj1 (disease* or disorder*)).tw.
70	Diabetes Complications/
71	(diabetes or diabetic).tw.
72	Genetics, Medical/
73	(genetic* or family history).tw.
74	Anticoagulants/ae [Adverse Effects]
75	(anticoagulant* or anti-coagulant*).tw.
76	Platelet Aggregation Inhibitors/ae [Adverse Effects]
77	(antiplatelet* or anti-platelet* or antiaggregant* or anti-aggregant* or antithrombocytic* or anti-thrombocytic*).tw.
78	Sex Factors/
79	Sex Distribution/
80	Continental Population Groups/
81	Age Factors/
82	Aging/
83	Socioeconomic Factors/
84	(gender or sex or race or racial or ethnic* or socio-economic or socioeconomic).tw.
85	or/15-23,26-84
86	14 and 85

*Note: The McMaster diagnosis filter (optimal) and the prognosis filter (optimal) were used but excluded 'death' because term not relevant for this question*

### D.2.3 Search strategy review questions 3

RQ3: What information do people with suspected or confirmed AMD and their family members or carers find useful, and in what format (for example written or oral), and when?

**Table 3: search strategy 3**

<b>Medline Strategy, searched 25th July 2016</b>	
<b>Database: Ovid MEDLINE(R) &lt;1946 to July Week 2 2016&gt;</b>	
<b>Search Strategy:</b>	

<b>Medline Strategy, searched 25th July 2016</b>	
<b>Database: Ovid MEDLINE(R) &lt;1946 to July Week 2 2016&gt;</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	"acid mine drainage".tw.
18	16 not 17

*Note: Patient information filter was appended*

#### D.2.4 Search strategy review question 4

RQ4: What tools are useful for triage, diagnosis, informing treatment and determining management in people with suspected AMD?

**Table 4: search strategy 4**

<b>Medline Strategy, searched 14th January 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to January Week 1 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	Diagnostic Techniques, Ophthalmological/
18	((Fundus* or (blue-light* or (blue adj4 light)) or (blue-laser* or (blue adj4 laser))) adj4

<b>Medline Strategy, searched 14th January 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to January Week 1 2016</b>	
<b>Search Strategy:</b>	
	autofluoresc*).tw.
19	FAF.tw.
20	(Colo?r* adj4 fundus* adj4 (photo* or imag*)).tw.
21	exp Optical Tomography/
22	((Optic* or ocular*) adj4 coher* adj4 tomograph*).tw.
23	(OCT or SD-OCT).tw.
24	Indocyanine Green/
25	(Indocyanine* adj4 green*).tw.
26	(ICG or ICGA).tw.
27	Fluorescein Angiography/
28	(Fundus* adj4 Fluoresc* adj4 Angiograph*).tw.
29	FFA.tw.
30	Slit lamp/
31	(slit adj4 lamp adj4 fundoscop*).tw.
32	Ophthalmoscopy/
33	ophthalmoscop*.tw.
34	Fourier analysis/
35	Fourier*.tw.
36	biomicroscop*.tw.
37	or/17-36

*Note: The McMaster diagnostic filter (maximum sensitivity) was applied to part of the search strategy*

## D.2.5 Search strategy review question 5, 16 and 24

RQ5: How do different organisational models and referral pathways for triage and diagnosis influence outcomes for people with suspected AMD (for example correct diagnosis, errors in diagnosis, delays in diagnosis, process outcomes)?

RQ16: How do different organisational models for ongoing treatment and follow up influence outcomes for people with neovascular AMD (for example, disease progression, time to treatment, non-attendance)?

RQ24: How soon should people with neovascular AMD be diagnosed and treated after becoming symptomatic?

**Table 5: search strategy 5, 16 and 24**

<b>Medline Strategy, searched 2<sup>nd</sup> June 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to May Week 4 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.

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**Medline Strategy, searched 2<sup>nd</sup> June 2016**  
**Database: Ovid MEDLINE(R) 1946 to May Week 4 2016**  
**Search Strategy:**

- 11 (macul\* adj3 dystroph\*).tw.
- 12 ((macul\* or geographic\*) adj2 atroph\*).tw.
- 13 (choroid\* adj4 polyp\*).tw.
- 14 (AMD or ARMD).tw.
- 15 (retina\* adj4 angiomat\* adj4 prolif\*).tw.
- 16 or/1-15
- 17 "acid mine drainage".tw.
- 18 16 not 17
- 19 Telemedicine/
- 20 Telepathology/
- 21 (telemedic\* or telehealth\* or telepath\* or ehealth or mhealth or teleophthalmolog\* or (mobile adj2 (health or optom\* or ophthalmolog\* or optician\*))).tw.
- 22 (Virtual adj4 (clinic\* or appointment\* or medicine\* or doctor\* or consult\* or hospital\* or service\* or practice\*)).tw.
- 23 ((fasttrack or fast-track or "fast track" or expedit\* or accelerat\*) adj4 (clinic\* or appointment\* or consult\* or service\*)).tw.
- 24 Optometry/
- 25 Ophthalmology/
- 26 (Optician\* or optometr\* or ophthalmolog\*).tw.
- 27 (One-stop or "one stop" or two-stop or "two-stop").tw.
- 28 "Referral and Consultation"/
- 29 (refer\* or consult\* or "second opinion\*").tw.
- 30 interdisciplinary communication/
- 31 Delivery of Health Care/
- 32 (crosssector or cross-sector or across sector or intersector or inter-sector or inter-organizational\* or cross organizational\* or across organizational\* or cross disciplin\* or across disciplin\*).tw.
- 33 (multidisciplinary or multi-disciplinary or mdt or multipartner\* or multi-partner\* or multisector or multi-sector or multi-agency or multiagency or multiprofessional or multi-professional or intraprofessional or intra-professional or interprofessional or inter-professional or transdisciplinary or trans-disciplinary or interdisciplinary or inter-disciplinary or intradisciplinary or intra-disciplinary).tw.
- 34 Specialties, Nursing/
- 35 ((Speciali\* or clinic\* or communit\* or district) adj4 (nurse\* or technician\*)).tw.
- 36 (Treatment\* adj4 delay\*).tw.
- 37 ((Retina\* or eye or eyes) adj4 (clinic\* or service\* or consult\* or nurse\*)).tw.
- 38 Models, Organizational/
- 39 ((organisation\* or organization\*) adj2 (model\* or service\*)).tw.
- 40 Practice Guidelines as Topic/
- 41 ((clinical\* or practi\*) adj2 (guideline\* or guidance or protocol\* or intervention\* or pathway\*)).tw.
- 42 or/19-41
- 43 18 and 42

*Note: In-house RCT and qualitative filters appended*

## D.2.6 Search strategy review question 6

RQ6: What effective classification tool should be used to inform people with AMD?

**Table 6: search strategy 6**

<b>Medline Strategy, searched 2<sup>nd</sup> December 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to November Week 3 2015</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	Classification/
18	"International Classification of Diseases"/
19	(internat* adj1 classifi*).tw.
20	ci.fs.
21	((Classif* or stratif* or grade* or grading* or categor* or stage* or staging* or score* or scoring* or predict*) adj4 (system* or scheme* or tool* or criter* or scale* or model* or assess* or rule* or parameter* or instrument* or rating or measure* or outcome*).tw.
22	"Severity of illness index"/
23	(Sever* adj4 (scale* or criter* or grade* or grading)).tw.
24	(Wisconsin* adj4 (((Age-Related* or "age related") adj4 Maculopath*) or ARM) adj4 Grading* adj4 (Scheme* or System*)).tw.
25	WARMGS.tw.
26	(Age* adj4 Related* adj4 Eye* adj4 Disease* adj4 Stud*).tw.
27	(AREDS or AREDS2).tw.
28	(Clinical* adj4 (((Age-Related* or "age related") adj4 Maculopath*) or ARM) adj4 Staging* adj4 (Scheme* or System*)).tw.
29	CARMS.tw.
30	(Project* adj4 MACULA* adj4 ((retina* adj4 pigment* adj4 epithelium*) or RPE) adj4 grading* adj4 (Scheme* or System*)).tw.
31	(Blue adj4 mountain* adj4 eye* adj4 stud*).tw.
32	BMES.tw.
33	(Rotterdam adj4 eye* adj4 stud*).tw.
34	(Beaver adj4 dam* adj4 eye* adj4 stud*).tw.
35	BDES.tw.
36	(Los adj4 angeles adj4 latino adj4 eye* adj4 stud*).tw.
37	LALES.tw.
38	or/17-37
39	16 and 38

## D.2.7 Search strategy review question 7

RQ7: What is the effectiveness of strategies to reduce the risk of developing AMD in the unaffected eye or slow the progression of AMD?

This search was done in several parts, covering various different interventions, with four covered by searches undertaken by Cochrane. These were statins, omega-3, laser treatment and anti-oxidant supplement. The Medline strategies for the Cochrane searches can be found in D.3.

The NICE guidance information services search was to cover the remaining areas covered in the review protocol, namely exercise, weight loss and smoking cessation.

**Table 7: search strategy 7**

<b>Medline Strategy, searched 28<sup>th</sup> April 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to April Week 3 2015</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolif*).tw.
16	or/1-15
17	"acid mine drainage".tw.
18	16 not 17
19	exp exercise/
20	exp locomotion/
21	exercis*.tw.
22	(walk* or swim* or sport* or jog* or cycling or bicycl* or treadmill* or gym*).tw.
23	((strength* or resist*) adj4 train*).tw.
24	(weight adj4 (lift* or machine* or bear* or train*)).tw.
25	(push up* or pushup* or push-up*).tw.
26	physical endurance/
27	Physical fitness/
28	Physical exertion/
29	((physical* or keep* or cardio* or aerobic or fitness) adj4 (exertion* or endurance* or condition* or fit* or activit* or train* or therap*)).tw.
30	(aerobic adj4 condition*).tw.
31	exp Exercise movement techniques/
32	kines*.tw.
33	(yoga or pilates or tai chi or tai-chi or taichi or tai ji or tai-ji or taiji or qi gong or qigong or qi-gong or chi kung or ch i-kung or chikung or ch-i-kung).tw.

<b>Medline Strategy, searched 28<sup>th</sup> April 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to April Week 3 2015</b>	
<b>Search Strategy:</b>	
34	(dance* or dancing).tw.
35	trampolin*.tw.
36	exp Sports/
37	exp Exercise Therapy/
38	or/19-37
39	exp Health Promotion/
40	body mass index/
41	exp Obesity/
42	exp body weight changes/
43	(weight adj4 (gain* or loss* or reduc* or manag* or watch* or chang* or maint* or decreas* or control*)).tw.
44	obes*.tw.
45	body mass index.tw.
46	(overweight or over weight).tw.
47	(health adj4 (educ* or promot* or behav* or initiative*)).tw.
48	exp Nutrition Therapy/
49	((diet* or nutrit*) adj4 (therap* or treatment* or program*)).tw.
50	or/39-49
51	exp "Tobacco Use"/
52	exp "Tobacco Use Cessation"/
53	exp "Tobacco Use Cessation Products"/
54	(smok* or tobacco*).tw.
55	or/51-54
56	38 or 50 or 55
57	18 and 56

Note: The in-house RCT and systematic review filters were appended.

## D.2.8 Search strategy review question 8

RQ8: What is the effectiveness of psychological therapies for AMD?

**Table 8: search strategy 8**

<b>Medline Strategy, searched 22<sup>nd</sup> December 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to November Week 3 2015</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.

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<b>Medline Strategy, searched 22<sup>nd</sup> December 2015</b>	
<b>Database: Ovid MEDLINE(R) 1946 to November Week 3 2015</b>	
<b>Search Strategy:</b>	
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	exp Psychotherapy/
18	(Psychotherap* or logotherap*).tw.
19	((Psychological* or Psychodynamic* or Interpersonal* or talk*) adj4 (therap* or technic* or treat* or manag* or train*)).tw.
20	Psychoanalysis/
21	Psychoanaly*.tw.
22	(cogniti* adj4 (behavio* or therap* or techni* or treat* or manag* or train* or restructur* or challenge*)).tw.
23	((behavio* or condition*) adj4 (therap* or technic* or treat* or manag* or train* or modificat*)).tw.
24	(CBT or CCBT).tw.
25	Problem solving/
26	((Accept* or commit*) adj4 (therap* or technic* or treat* or manag* or train*)).tw.
27	((Person* or client* or telephon*) adj4 (therap* or technic* or treat* or manag* or train*)).tw.
28	((Gestalt* or existential* or realit* or solution-focus* or solution* focus* or ((problem-solv* or problem) adj4 solv*)) adj4 (therap* or technic* or treat* or manag* or train*)).tw.
29	PST.tw.
30	Psychosynthe*.tw.
31	Mindfulness/
32	Mindfulness*.tw.
33	(Low* adj4 intensit* adj4 (therap* or technic* or treat* or manag* or train* or psychological*)).tw.
34	Social support/
35	((soci* or peer* or friend* or buddy* or companion* or volunteer*) adj4 (support* or therap* or system* or network* or group*)).tw.
36	Self-Help Groups/
37	Self Care/
38	(Self-help* or self-manag* or (self adj4 (help* or manag* or therap* or care* or caring*))).tw.
39	befriend*.tw.
40	Counseling/
41	counsel*.tw.
42	px.fs.
43	or/17-42
44	16 and 43

### D.2.9 Search strategy review question 9

RQ9: What is the effectiveness of support strategies for people with visual impairment and AMD (for example reablement services and strategies for optimising existing visual performance)?

**Table 9: search strategy 9**

<b>Medline Strategy, searched 26<sup>th</sup> July 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to July Week 2 2016</b>	
<b>Search Strategy:</b>	

**Medline Strategy, searched 26<sup>th</sup> July 2016**  
**Database: Ovid MEDLINE(R) 1946 to July Week 2 2016**  
**Search Strategy:**

1 exp Macular degeneration/  
2 Retinal Degeneration/  
3 Choroidal neovascularization/  
4 Macula lutea/  
5 Retinal drusen/  
6 ((neovascular or exudative) adj4 degener\*).tw.  
7 ((macul\* or retina\* or choroid\* or wet or dry) adj4 degener\*).tw.  
8 ((macul\* or retina\* or choroid\*) adj4 neovasc\*).tw.  
9 (maculopath\* or drusen\*).tw.  
10 (macul\* adj2 (lutea\* or syndrome)).tw.  
11 (macul\* adj3 dystroph\*).tw.  
12 ((macul\* or geographic\*) adj2 atroph\*).tw.  
13 (choroid\* adj4 polyp\*).tw.  
14 (AMD or ARMD).tw.  
15 (retina\* adj4 angiomat\* adj4 prolif\*).tw.  
16 or/1-15  
17 "acid mine drainage".tw.  
18 16 not 17  
19 Vision, Low/  
20 Disability Evaluation/  
21 Visually impaired persons/  
22 Activities of Daily Living/  
23 Orientation/  
24 Occupational Therapy/  
25 Patient care team/  
26 Sight loss advisor/  
27 rehabilitation/  
28 Rehabilitation Centers/  
29 Self-Help Devices/  
30 optical devices/ or lenses/  
31 Sensory aids/  
32 Quality of Life/  
33 Home Care Services/  
34 Community Health Services/  
35 (("low vision" or low-vision or eye\* or sensory\*) adj4 (service\* or department\* or team\* or program\* or scheme\* or clinic\*)).tw.  
36 ((Optic\* or "low vision" or low-vision or eye\* or reading\* or "daily living") adj4 (device\* or aid\* or apparatus\* or appliance\* or equip\*)).tw.  
37 ((communit\* or home\*) adj4 (optom\* or optic\* or ophthalmolog\*)).tw.  
38 (Support\* adj4 (strateg\* or method\* or plan\*)).tw.  
39 (occupational\* or rehabilitat\* or re?ablement\* or habilitat\*).tw.  
40 (orientat\* or mobilit\*).tw.  
41 ((technolog\* or device\*) adj4 (optical or assistive\* or adaptive\* or "self help" or self-help)).tw.  
42 (lens or lenses).tw.  
43 magnifi\*.tw.  
44 ("primary control" or "secondary control").tw.  
45 or/19-44  
46 18 and 46

## D.2.10 Search strategy review questions 10 and 25

RQ10: What is the effectiveness of treatment of neovascular AMD in people presenting with visual acuity better than 6/12?

RQ25: What is the effectiveness of treatment of neovascular AMD in people presenting with visual acuity worse than 6/96?

**Table 10: search strategy 10 and 25**

Medline Strategy, searched 25 <sup>th</sup> August 2016	
Database: Ovid MEDLINE(R) 1946 to August Week 3 2016	
Search Strategy:	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	"acid mine drainage".tw.
18	16 not 17
19	exp Angiogenesis Inhibitors/
20	Angiogenesis Inducing Agents/
21	Endothelial Growth Factors/
22	exp Vascular Endothelial Growth Factors/
23	(anti adj2 VEGF\$).tw.
24	(endothelial adj2 growth adj2 factor\$).tw.
25	(anti adj1 angiogen\$).tw.
26	(macugen\$ or pegaptanib\$ or lucentis\$ or rhufab\$ or ranibizumab\$ or bevacizumab\$ or avastin\$).tw.
27	VEGF TRAP\$.tw.
28	or/19-27
29	Visual Acuity/
30	((vision* or visual*) adj4 (acuit* or clarit* or sharp*)).tw.
31	VA.tw.
32	or/29-31
33	18 and 28 and 32

## D.2.11 Search strategy review question 11 and 14

RQ11: What are the indicators for treatment failing and switching?

RQ14: What factors indicate that treatment for neovascular AMD should be stopped?

**Table 11: search strategy 11 and 14**

Medline Strategy, searched 4 <sup>th</sup> March 2016	
Database: Ovid MEDLINE(R) 1946 to February Week 4 2016	
Search Strategy:	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	Treatment Failure/
18	((Treat* or therap* or medic* or prescript* or drug*) adj4 (futil* or fail* or remission*)).tw.
19	Drug Substitution/
20	((Treat* or therap* or medic* or prescript* or drug* or Af?ibercept or Eylea or BAY86-5321 or Trapeye* or "Trap Eye*" or Trap-Eye* or Bevacizumab or Avastin or rhuMAB-VEGF or Ranibizumab or Lucentis or RG3645 or "photodynamic therap*" or "photo dynamic therap*" or "photo-dynamic therap*" or PDT) adj4 (substitut* or replac* or chang* or exchang* or swap* or switch* or contraindicat*)).tw.
21	((Treat* or therap* or medic* or prescript* or drug* or Af?ibercept or Eylea or BAY86-5321 or Trapeye* or "Trap Eye*" or Trap-Eye* or Bevacizumab or Avastin or rhuMAB-VEGF or Ranibizumab or Lucentis or RG3645 "photodynamic therap*" or "photo dynamic therap*" or "photo-dynamic therap*" or PDT) adj4 (ending or ended or end? or stop? or stopping or stopped or terminat* or discontinue* or desist* or cease? or ceasing or halt* or finish* or suspen*)).tw.
22	Drug Administration Schedule/
23	((Treat* or therap* or medic* or prescript* or drug*) adj4 (administrat* or applicat* or dispens*) adj4 (schedule* or plan* or calendar* or itinerary* or program* or timetabl*)).tw.
24	Patient Discharge/
25	(Patient* adj4 (discharg* or releas*)).tw.
26	or/17-25
27	16 and 26

## D.2.12 Search strategy review question 12

RQ12: What is the effectiveness of different anti-angiogenic therapies (including photodynamic therapy) for the treatment of neovascular AMD?

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This search mirrors the search strategy undertaken for the Cochrane Eyes & Vision group for their 2009 systematic review. Their intervention search terms are used along with our standard population terms. The analyst also request our RCT filter be appended and results limited to this since 2009. .

**Table 12: search strategy 12**

<b>Medline Strategy, searched 6<sup>th</sup> – 9<sup>th</sup> June 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to May Week 4 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(choroid* adj4 polyp*).tw.
10	(AMD or ARMD).tw.
11	(retina* adj4 angiomat* adj4 prolifer*).tw.
12	or/1-11
13	"acid mine drainage".tw.
14	12 not 13
15	exp Photochemotherapy/
16	exp Photosensitizing Agents/
17	(photodynamic* or PDT or photosensit*).tw.
18	exp Porphyrins/
19	(verteporfin* or visudyne*).tw.
20	(benzoporphyrin* or porphyrin*).tw.
21	or/15-20
22	14 and 21

*Note: The in-house RCT filter was appended.*

### D.2.13 Search strategy review question 13

RQ13: What is the effectiveness of adjunctive therapies for the treatment of neovascular AMD?

**Table 13: search strategy 13**

<b>Medline Strategy, searched 21st March 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to March Week 2 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.

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<b>Medline Strategy, searched 21st March 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to March Week 2 2016</b>	
<b>Search Strategy:</b>	
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolif*).tw.
16	or/1-15
17	"acid mine drainage".tw.
18	16 not 17
19	Drug Therapy, Combination/
20	((adjunct* or adjuvan* or addition* or auxil* or combin*) adj4 (treat* or therap* or drug* or medic* or agent*)).tw.
21	Photochemotherapy/
22	("photo-chemotherap*" or photochemotherap* or "photo chemotherap*" or "photodynamic therap*" or "photo dynamic therap*" or "photo-dynamic therap*").tw.
23	PDT.tw.
24	Dexamethasone/
25	(dexametha?one or Decadron or Dexpak or Taperpak or "50-02-2" or Maxidex).tw.
26	Fluocinolone Acetonide/
27	("fluocinolone acetonide" or "67-73-2").tw.
28	Triamcinolone Acetonide/
29	("triamcinolone acetonide" or "76-25-5").tw.
30	(Af?ibercept or Eylea or BAY86-5321).tw.
31	(Trapeye* or "Trap Eye*" or Trap-Eye*).tw.
32	Bevacizumab/
33	(Bevacizumab or Avastin or rhuMAb-VEGF).tw.
34	(Pegaptanib or NX1838 or Macugen).tw.
35	Ranibizumab/
36	(Ranibizumab or Lucentis or RG3645).tw.
37	or/19-20
38	or/21-29
39	or/30-36
40	37 or (38 and 39)
41	18 and 40

*Note: The in-house RCT and systematic review filters were appended.*

#### D.2.14 Search strategy review question 15

RQ15: What is the effectiveness of switching therapies for neovascular AMD if the first-choice therapy is contraindicated or has failed?

**Table 14: search strategy 15**

<b>Medline Strategy, searched 2nd March 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to February Week 3 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/

<b>Medline Strategy, searched 2nd March 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to February Week 3 2016</b>	
<b>Search Strategy:</b>	
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	(Af?ibercept or Eylea or BAY86-5321).tw.
18	(Trapeye* or "Trap Eye*" or Trap-Eye*).tw.
19	Bevacizumab/
20	(Becavizumab or Avastin or rhuMAb-VEGF).tw.
21	(Pegaptanib or NX1838 or Macugen).tw.
22	Ranibizumab/
23	(Ranibizumab or Lucentis or RG3645).tw.
24	Placebos/
25	placebo*.tw.
26	((Sham or dummy*) adj4 (inject* or treat* or therap*)).tw.
27	or/17-26
28	16 and 27

### D.2.15 Search strategy review question 17

RQ17: What are the barriers and facilitators to appointment attendance and uptake of treatment for people with AMD?

**Table 15: search strategy 17**

<b>Medline Strategy, searched 30<sup>th</sup> March 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to March Week 3 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.

**Medline Strategy, searched 30<sup>th</sup> March 2016**  
**Database: Ovid MEDLINE(R) 1946 to March Week 3 2016**  
**Search Strategy:**

- 13 (choroid\* adj4 polyp\*).tw.
- 14 (AMD or ARMD).tw.
- 15 (retina\* adj4 angiomat\* adj4 prolifer\*).tw.
- 16 or/1-15
- 17 "acid mine drainage".tw.
- 18 16 not 17

*Note: The in-house patient issues filter was appended.*

## D.2.16 Search strategy review question 19-22

RQ19: How often should people with early AMD, intermediate AMD, or advanced geographic atrophy be reviewed?

RQ20: How often should people with early AMD, intermediate AMD, or advanced geographic atrophy have their non-affected eye reviewed?

RQ21: In people with neovascular AMD who are not being actively treated, how often should they be reviewed?

RQ22: How often should people with neovascular AMD have their non-affected eye reviewed?

**Table 16: search strategy 19-22**

**Medline Strategy, searched 11<sup>th</sup> and 12<sup>th</sup> February 2016**  
**Database: Ovid MEDLINE(R) 1946 to February Week 1 2016**  
**Search Strategy:**

- 1 exp Macular degeneration/
- 2 Retinal Degeneration/
- 3 Choroidal neovascularization/
- 4 Macula lutea/
- 5 Retinal drusen/
- 6 ((neovascular or exudative) adj4 degener\*).tw.
- 7 ((macul\* or retina\* or choroid\* or wet or dry) adj4 degener\*).tw.
- 8 ((macul\* or retina\* or choroid\*) adj4 neovasc\*).tw.
- 9 (maculopath\* or drusen\*).tw.
- 10 (macul\* adj2 (lutea\* or syndrome)).tw.
- 11 (macul\* adj3 dystroph\*).tw.
- 12 ((macul\* or geographic\*) adj2 atroph\*).tw.
- 13 (choroid\* adj4 polyp\*).tw.
- 14 (AMD or ARMD).tw.
- 15 (retina\* adj4 angiomat\* adj4 prolifer\*).tw.
- 16 or/1-15
- 17 exp Patient Care Planning/
- 18 "Appointments and Schedules"/
- 19 "continuity of patient care"/
- 20 time factors/
- 21 ((review\* or appointment\* or care\* or manag\* or (follow adj1 up\*) or follow-up\* or monitor\*) adj4 (schedule\* or frequen\* or program\* or itinerar\* or plan\* or schedule\* or practice\* or assess\* or outcome\*).tw.

**Medline Strategy, searched 11<sup>th</sup> and 12<sup>th</sup> February 2016**  
**Database: Ovid MEDLINE(R) 1946 to February Week 1 2016**  
**Search Strategy:**

- 22 ((early or earliest) adj1 (awareness or detect\* or diagnos\*)).tw.
- 23 or/17-22
- 24 16 and 23

### D.2.17 Search strategy review question 23a

RQ23a: What strategies and tools are useful for monitoring and self-monitoring for people with AMD? (to aid early detection of disease progression)?

**Table 17: search strategy 23a**

**Medline Strategy, searched 25<sup>th</sup> January 2016**  
**Database: Ovid MEDLINE(R) 1946 to January Week 2 2016**  
**Search Strategy:**

1. exp Macular degeneration/
2. Retinal Degeneration/
3. Choroidal neovascularization/
4. Macula lutea/
5. Retinal drusen/
6. ((neovascular or exudative) adj4 degener\*).tw.
7. ((macul\* or retina\* or choroid\* or wet or dry) adj4 degener\*).tw.
8. ((macul\* or retina\* or choroid\*) adj4 neovasc\*).tw.
9. (maculopath\* or drusen\*).tw.
10. (macul\* adj2 (lutea\* or syndrome)).tw.
11. (macul\* adj3 dystroph\*).tw.
12. ((macul\* or geographic\*) adj2 atroph\*).tw.
13. (choroid\* adj4 polyp\*).tw.
14. (AMD or ARMD).tw.
15. (retina\* adj4 angiomat\* adj4 prolifer\*).tw.
16. or/1-15
17. Visual Field Tests/
18. ((vision\* or visual\*) adj4 (field\* or acuit\*) adj4 (test\* or exam\* or tool\* or measure\* or assess\* or check\* or evaluat\*)).tw.
19. Monitoring, Physiologic/
20. ("self monitor\*" or "self-monitor\*").tw.
21. ((remote or home or mobile) adj4 monitor\*).tw.
22. Contrast sensitivity/
23. (contrast\* adj4 sensitiv\*).tw.
24. Pelli-Robson.tw.
25. (Amsler\* adj4 Grid\*).tw.
26. (Blind\* adj4 Spot\* adj4 Amsler\*).tw.
27. ((Environment\* or Computer\*) adj4 Amsler\*).tw.
28. (M-Chart\* or "M chart\*").tw.
29. Snellen.tw.
30. LogMAR.tw.
31. Jaeger.tw.
32. "Tumbling E".tw.
33. (Macul\* adj4 Computer\* adj4 psychophys\* adj4 test\*).tw.

<b>Medline Strategy, searched 25<sup>th</sup> January 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to January Week 2 2016</b>	
<b>Search Strategy:</b>	
34.	MCPT.tw.
35.	(prefer* adj4 ((Hyper adj4 acuit*) or Hyperacuit*) adj4 perimet*).tw.
36.	PHP.tw.
37.	ForeSeeHome*.tw.
38.	(Entop* adj4 perimet*).tw.
39.	MyVision.tw.
40.	((white-noise* or (noise* adj4 field*) or noise-field*) adj4 campimet*).tw.
41.	((Macul* or eye* or visual* or vision*) adj4 Map* adj4 test*).tw.
42.	MMTest.tw.
43.	MMT.tw.
44.	Multibit*.tw.
45.	MBT.tw.
46.	(Diary* or diaries or blog* or journal*).tw.
47.	or/17-46
48.	16 and 47

Note: The in-house RCT and systematic review filters were appended.

## D.2.18 Search strategy review question 23b

RQ23b: What strategies and tools are useful for monitoring and self-monitoring for people with AMD? (to established accuracy of OCT for the monitoring of people with neovascular AMD)

**Table 18: search strategy 23b**

<b>Medline Strategy, searched 2<sup>nd</sup> February 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to January Week 3 2016</b>	
<b>Search Strategy:</b>	
1	exp Macular Degeneration/
2	Retinal Degeneration/
3	Choroidal neovascularization/
4	Macula lutea/
5	Retinal drusen/
6	((neovascular or exudative) adj4 degener*).tw.
7	((macul* or retina* or choroid* or wet or dry) adj4 degener*).tw.
8	((macul* or retina* or choroid*) adj4 neovasc*).tw.
9	(maculopath* or drusen*).tw.
10	(macul* adj2 (lutea* or syndrome)).tw.
11	(macul* adj3 dystroph*).tw.
12	((macul* or geographic*) adj2 atroph*).tw.
13	(choroid* adj4 polyp*).tw.
14	(AMD or ARMD).tw.
15	(retina* adj4 angiomat* adj4 prolifer*).tw.
16	or/1-15
17	exp Optical Tomography/
18	((Optic* or ocular*) adj4 coher* adj4 tomograph*).tw.
19	(OCT or SD-OCT or SDOCT).tw.
20	Fourier analysis/
21	Fourier*.tw.

<b>Medline Strategy, searched 2<sup>nd</sup> February 2016</b>	
<b>Database: Ovid MEDLINE(R) 1946 to January Week 3 2016</b>	
<b>Search Strategy:</b>	
22	(Colo?r* adj4 fundus* adj4 (photo* or imag*)).tw.
23	biomicroscop*.tw.
24	Ophthalmoscopy/
25	ophthalmoscop*.tw.
26	Fluorescein Angiography/
27	(Fundus* adj4 Fluoresc* adj4 Angiograph*).tw.
28	FFA.tw.
29	Slit lamp/
30	(slit adj4 lamp adj4 fundoscop*).tw.
31	or/17-30
32	Retinal Pigment Epithelium/
33	((Retina* adj4 pigment* adj4 epithel*) or RPE) adj4 (tear* or rip* or lesion* or detach* or split*).tw.
34	(retina* adj4 perforat*).tw.
35	"Exudates and Transudates"/
36	Exudate*.tw.
37	Leak*.tw.
38	(Haemorrhage* or Hemorrhage* or bleed* or ((lose* or losing* or loss*) adj2 blood)).tw.
39	or/32-38

### D.3 Cochrane search strategies

**Table 19: Cochrane strategy**

<b>RQ7: statins</b>	
<b>Search Strategy (taken from Cochrane '<a href="#">Statins for age-related macular degeneration</a>' systematic review):</b>	
1.	Randomized Controlled Trial.pt.
2.	Controlled Clinical Trial.pt.
3.	(randomized or randomised).ab,ti.
4.	placebo.ab,ti.
5.	drug therapy.fs.
6.	randomly.ab,ti.
7.	trial.ab,ti.
8.	groups.ab,ti.
9.	1 or 2 or 3 or 4 or 5 or 6 or 7 or 8
10.	exp animals/ not humans.sh.
11.	9 not 10
12.	exp Macular Degeneration/
13.	exp Retinal Degeneration/
14.	exp Retinal Neovascularization/
15.	exp Choroidal Neovascularization/
16.	exp Macula Lutea/
17.	((macul* or retina* or choroid*) adj4 degener*).tw.
18.	((macul* or retina* or choroid*) adj4 neovasc*).tw.
19.	Maculopath*.tw.
20.	(macul* adj2 lutea*).tw.
21.	(macul* adj3 dystroph*).tw.
22.	(macul* adj2 syndrome).tw.
23.	((macul* or geographic) adj2 atroph*).tw.
24.	((macul* or retina*) adj2 edema*).tw.
25.	(AMD or ARMD or CNV).tw.
26.	or/12-25

**RQ7: statins**

**Search Strategy (taken from Cochrane '[Statins for age-related macular degeneration](#)' systematic review):**

27. exp Hydroxymethylglutaryl-CoA Reductase Inhibitors/
28. (Statin\* or vastatin\*).tw.
29. ((HMG adj3 COA\*) or (HMG adj3 Co A)).tw.
30. (hmg coenzyme or hmg co-enzyme).tw.
31. 3-hydroxy-3-methylglutaryl\*.tw.
32. hydroxymethylglutaryl\*.tw.
33. (hydroxymethyl adj3 glutaryl).tw.
34. (Atorvastatin\* or liptonorm or Atorlip or atorvarol or ci981 or "CI 981" or glustar or lipibec or lipitor or lowlipen or sortis or storvas or tator or torvast or "ym 548" or ym548 or zarator or ezetimibe\* or liptruzet or Ramipril\* or "atocor R").tw.
35. (Bervastatin or "Is 2904" or Is2904).tw.
36. (Cerivastatin or Kazak or rivastatin or Certa or "Bay w 6228" or "bay w6228" or Baycol or Lipobay).tw.
37. (Crilvastatin or "pmd 387" or pmd387).tw.
38. (dalvastatin or rg12561 or "rg 12561").tw.
39. (Fluvastatin or fluindostatin or Lescol or "XU 62-320" or "XU 62320" or xu62320 or canef or cranoc or "fractal lp" or leucol or lochol or locol or "sri 62320" or sri62320 or vastin).tw.
40. (Glenvastatin or "hr 780" or hr780).tw.
41. exp Lovastatin/
42. (Lovastatin\* or Mevinolin or "Monacolin K" or "6 Methylcompactin" or "MK 803" or MK803 or mk0803 or Mevacor or altocor or altoprev or artein or belvas or biotin or cholestra or cysin or ellanco or elstatin or "I 654969" or lipdip or lipivas or lofacol or lomar or lostatin or lovacel or lovacol or lovalip or lovalord or lovastan or lovasterol or lovastin or lovatadin or lowachol or lozutin or medostatin or meverstin or mevinacor or monakolin k or "msd 803" or neolipid or nergadan or ovasta or rodatin or rovacor or taucor or advicor).tw.
43. exp Meglutol/
44. (Meglutol or "3 Hydroxy 3 methylpentanedioic Acid" or "beta Hydroxy beta Methylglutarate" or "3 Hydroxy 3 methylglutaric Acid").tw.
45. (Mevastatin or compactin or mevastin or 6-demethylmevinolin or "CS 500" or CS500 or "ML 236B" or ML236B).tw.
46. (mevinolin\* or monacolin\*).tw.
47. ("Phosphoadenosine diphosphoribose" or "phospho-ADP ribose").tw.
48. (Pitavastatin or nisvastatin or itavastatin or alipza or itavastatin or livalo or livazo or pitava or ribar or vezeptra or "P 872441" or "NK 104" or "nk104" or "nks 104" or nks104).tw.
49. exp Pravastatin/
50. (Pravastatin\* or Eptastatin or Vasten or "CS 514" or CS514 or Lipemol or Liplat or Nu-Pravastatin or Prareduct or Mevalotin or Pravachol or Elisor or Selektine or Pravacol or Pravasin or Lipostat or "RMS 431" or RMS431 or "SQ 31000" or SQ31000 or "SQ 31,000" or SQ31,000 or Bristacol or astin or bristacol or cholespar or epatostantin or eptastatine or kenstatin or lipidal or liprevil or novales or prascolend or prastan or prava or pravaselect or pravasine or pravator or pravyl or sanaprav or selipran or standine or vasopran or xipral or pravafenix).tw.
51. (Rosuvastatin\* or ZD4522 or "ZD 4522" or Crestor or rosuvas or "s 4522" or s4522 or certriad).tw.
52. exp Simvastatin/
53. (Simvastatin\* or Synvinolin or "MK 733" or MK733 or Zocor or avastinee or cholestat or clinfar or colostatina or colestricon or covastin or denan or epistatin or esvat or ethicol or eucor or ifistatin or kavelor or klonastin or



**RQ7: statins**

**Search Strategy (taken from Cochrane '[Statins for age-related macular degeneration](#)' systematic review):**

kolestevan or "I 644128" or I644128 or  
lipecor or lipex or lipinorm or liponorm or lipovas or lodales or medipo or mersivas or nor-vastina or  
normofat or orovas or rechol or  
simbado or simcard or simchol or simovil or simtin or simvacor or simvahex or simvalord or  
simvastar or simvata or simvatin or simvor  
or simvotin or sinvacor or sinvastatin or sinvinolin or sivastin or starzoco or torio or valemia or vasilip  
or vasotenal or vazim or vidastat  
or zimmex or zocord or zovast or inegy or vytorin or zetsim or zintrepid or cholib or fenofibrate\* or  
niacin-simvastatin or simcor or  
rosiglitazone-simvastatin or avandastat or sitagliptin-simvastatin or sitagliptin phosphate\* or  
juvisync).tw.  
54. tenivastatin.tw.  
55. or/27-54  
56. 11 and 26 and 55

**Table 20: Cochrane strategy**

**RQ7:omega-3**

**Search Strategy (taken from Cochrane '[Omega 3 fatty acids for preventing or slowing the progression of age-related macular degeneration](#)' systematic review):**

1. randomized controlled trial.pt.
2. (randomized or randomised).ab,ti.
3. placebo.ab,ti.
4. dt.fs.
5. randomly.ab,ti.
6. trial.ab,ti.
7. groups.ab,ti.
8. or/1-7
9. exp animals/
10. exp humans/
11. 9 not (9 and 10)
12. 8 not 11
13. exp retinal degeneration/
14. retinal neovascularization/
15. choroidal neovascularization/
16. exp macula lutea/
17. maculopath\$.tw.
18. ((macul\$ or retina\$ or choroid\$) adj3 degener\$).tw.
19. ((macul\$ or retina\$ or choroid\$) adj3 neovasc\$).tw.
20. (AMD or ARMD or CNV).tw.
21. or/13-20
22. Fatty Acids, Omega-3/
23. (fatty adj2 acid\$).tw.
24. omega 3.tw.
25. polyunsaturated.tw.
26. (LCPUFA\$ or PUFA\$).tw.
27. (docosahexaenoic or DHA\$).tw.
28. (eicosapentaenoic or EPA\$).tw.
29. or/22-28
30. 21 and 29
31. 12 and 30

**Table 21: Cochrane strategy**

<b>RQ7: Search Strategy (taken from Cochrane '<a href="#">Laser treatment of drusen to prevent progression to advanced age-related macular degeneration</a>' systematic review):</b>
1. randomized controlled trial.pt.
2. (randomized or randomised).ab,ti.
3. placebo.ab,ti.
4. dt.fs.
5. randomly.ab,ti.
6. trial.ab,ti.
7. groups.ab,ti.
8. or/1-7
9. exp animals/
10. exp humans/
11. 9 not (9 and 10)
12. 8 not 11
13. exp retinal drusen/
14. drusen\$.tw.
15. or/13-14
16. exp lasers/
17. laser\$.tw.
18. exp laser coagulation/
19. photocoagulat\$.tw.
20. or/16-19
21. 13 and 20
22. 12 and 21

**Table 22: Cochrane strategy**

<b>RQ7: Anti-oxidant supplement for slowing AMD Search Strategy:</b>
1. randomized controlled trial.pt.
2. (randomized or randomised).ab,ti.
3. placebo.ab,ti.
4. dt.fs.
5. randomly.ab,ti.
6. trial.ab,ti.
7. groups.ab,ti.
8. or/1-7
9. exp animals/
10. exp humans/
11. 9 not (9 and 10)
12. 8 not 11
13. exp macular degeneration/
14. exp retinal degeneration/
15. exp retinal neovascularization/
16. exp choroidal neovascularization/
17. exp macula lutea/
18. (macula\$ adj2 lutea).tw.
19. ((macul\$ or retina\$ or choroid\$) adj4 degener\$).tw.
20. ((macul\$ or retina\$ or choroid\$) adj4 neovasc\$).tw.

#### RQ7: Anti-oxidant supplement for slowing AMD

##### Search Strategy:

21. (AMD or ARMD or CNV).tw.
22. maculopath\$.tw.
23. or/13-22
24. exp vitamins/
25. exp vitamin A/
26. vitamin A.tw.
27. retinol\$.tw.
28. exp beta carotene/
29. (caroten\$ or betacaroten\$).tw.
30. exp ascorbic acid/
31. ascorbic acid\$.tw.
32. vitamin C.tw.
33. exp Vitamin E/
34. exp alpha tocopherol/
35. alpha?tocopherol\$.tw.
36. alpha tocopherol\$.tw.
37. vitamin E.tw.
38. exp Vitamin B12/
39. vitamin B12.tw.
40. cobalamin\$.tw.
41. exp antioxidants/
42. ((antioxidant\$ or anti) adj1 oxidant\$).tw.
43. exp carotenoids/
44. carotenoid\$.tw.
45. exp zinc/
46. zinc\$.tw.
47. exp riboflavin/
48. riboflavin\$.tw.
49. exp selenium/
50. selenium\$.tw.
51. exp lutein/
52. lutein\$.tw.
53. exp xanthophylls/
54. xanthophyll.tw.
55. zeaxanthin\$.tw.
56. or/24-55
57. 23 and 56
58. 12 and 57

## D.4 Study Design Filters

**Table 23: study design filters**

The MEDLINE SR, RCT, qualitative and patient issues filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.

##### Systematic Review

1. Meta-Analysis.pt.
2. Meta-Analysis as Topic/
3. Review.pt.

**The MEDLINE SR, RCT, qualitative and patient issues filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

4. exp Review Literature as Topic/
5. (metaanaly\$ or metanaly\$ or (meta adj3 analy\$)).tw.
6. (review\$ or overview\$).ti.
7. (systematic\$ adj5 (review\$ or overview\$)).tw.
8. ((quantitative\$ or qualitative\$) adj5 (review\$ or overview\$)).tw.
9. ((studies or trial\$) adj2 (review\$ or overview\$)).tw.
10. (integrat\$ adj3 (research or review\$ or literature)).tw.
11. (pool\$ adj2 (analy\$ or data)).tw.
12. (handsearch\$ or (hand adj3 search\$)).tw.
13. (manual\$ adj3 search\$).tw.
14. or/1-13
15. animals/ not humans/
16. 14 not 15

#### **Randomized Controlled Trial**

1. Randomized Controlled Trial.pt.
2. Controlled Clinical Trial.pt.
3. Clinical Trial.pt.
4. exp Clinical Trials as Topic/
5. Placebos/
6. Random Allocation/
7. Double-Blind Method/
8. Single-Blind Method/
9. Cross-Over Studies/
10. ((random\$ or control\$ or clinical\$) adj3 (trial\$ or stud\$)).tw.
11. (random\$ adj3 allocat\$).tw.
12. placebo\$.tw.
13. ((singl\$ or doubl\$ or treb\$ or tripl\$) adj (blind\$ or mask\$)).tw.
14. (crossover\$ or (cross adj over\$)).tw.
15. or/1-14
16. animals/ not humans/
17. 15 not 16

#### **Qualitative filter**

- 1 Qualitative Research/
- 2 Nursing Methodology Research/
- 3 Interview.pt.
- 4 exp Interviews as Topic/
- 5 Questionnaires/
- 6 Narration/
- 7 Health Care Surveys/
- 8 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw.
- 9 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw.
- 10 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw.
- 11 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw.
- 12 "critical interpretive syntheses\*".tw.
- 13 (realist adj (review\* or synthes\*)).tw.

**The MEDLINE SR, RCT, qualitative and patient issues filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

- 14 (noblit and hare).tw.
- 15 (meta adj (method or triangulation)).tw.
- 16 (CERQUAL or CONQUAL).tw.
- 17 ((thematic or framework) adj synthes\*).tw.
- 18 or/1-17

**Patient issues filter**

- 1 qualitative research/
- 2 nursing methodology research/
- 3 exp interviews as topic/
- 4 questionnaires/
- 5 narration/
- 6 health care surveys/
- 7 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw.
- 8 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw.
- 9 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw.
- 10 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw.
- 11 "critical interpretive synthes\*".tw.
- 12 (realist adj (review\* or synthes\*)).tw.
- 13 (noblit and hare).tw.
- 14 (meta adj (method or triangulation)).tw.
- 15 (CERQUAL or CONQUAL).tw.
- 16 ((thematic or framework) adj synthes\*).tw.
- 17 or/1-16
- 18 exp Patients/px
- 19 exp Family/px
- 20 Caregivers/px
- 21 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti.
- 22 Stress, Psychological/
- 23 Adaptation, psychological/
- 24 emotions/
- 25 anxiety/
- 26 fear/
- 27 exp consumer satisfaction/
- 28 patient\* report\* outcome\*.tw.
- 29 or/18-28
- 30 exp patients/
- 31 exp family/
- 32 caregivers/
- 33 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or

**The MEDLINE SR, RCT, qualitative and patient issues filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

sibling\$ or sister\$ or brother\$).ti.  
34 or/30-33  
35 pamphlets/  
36 needs assessment/  
37 information centers/  
38 information services/  
39 health education/  
40 information dissemination/  
41 counseling/  
42 social support/  
43 self-help groups/  
44 self care/  
45 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti.  
46 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti.  
47 patient education as topic/  
48 patient education handout/  
49 consumer health information/  
50 patient\* diar\*.tw.  
51 or/35-50  
52 34 and 51  
53 17 or 29 or 52  
54 animals/ not humans/  
55 53 not 54  
56 qualitative research/  
57 nursing methodology research/  
58 exp interviews as topic/  
59 questionnaires/  
60 narration/  
61 health care surveys/  
62 (qualitative\$ or interview\$ or focus group\$ or questionnaire\$ or narrative\$ or narration\$ or survey\$).tw.  
63 (ethno\$ or emic or etic or phenomenolog\$ or grounded theory or constant compar\$ or (thematic\$ adj4 analys\$) or theoretical sampl\$ or purposive sampl\$).tw.  
64 (hermeneutic\$ or heidegger\$ or husser\$ or colaizzi\$ or van kaam\$ or van manen\$ or giorgi\$ or glaser\$ or strauss\$ or ricoeur\$ or spiegelberg\$ or merleau\$).tw.  
65 (metasynthes\$ or meta-synthes\$ or metasummar\$ or meta-summar\$ or metastud\$ or meta-stud\$ or metathem\$ or meta-them\$).tw.  
66 "critical interpretive syntheses\*".tw.  
67 (realist adj (review\* or syntheses\*)).tw.  
68 (noblit and hare).tw.  
69 (meta adj (method or triangulation)).tw.  
70 (CERQUAL or CONQUAL).tw.  
71 ((thematic or framework) adj syntheses\*).tw.  
72 or/56-71  
73 exp Patients/px

**The MEDLINE SR, RCT, qualitative and patient issues filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

- 74 exp Family/px
- 75 Caregivers/px
- 76 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$) adj6 (experience\$ or belief\$ or stress\$ or emotion\$ or anx\$ or fear\$ or concern\$ or uncertain\$ or unsure or thought\$ or feeling\$ or felt\$ or view\$ or opinion\$ or perception\$ or perspective\$ or attitud\$ or satisfact\$ or know\$ or understand\$ or aware\$)).ti.
- 77 Stress, Psychological/
- 78 Adaptation, psychological/
- 79 emotions/
- 80 anxiety/
- 81 fear/
- 82 exp consumer satisfaction/
- 83 patient\* report\* outcome\*.tw.
- 84 or/73-83
- 85 exp patients/
- 86 exp family/
- 87 caregivers/
- 88 (patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or inpatient\$ or in-patient\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$ or mother\$ or father\$ or sibling\$ or sister\$ or brother\$).ti.
- 89 or/85-88
- 90 pamphlets/
- 91 needs assessment/
- 92 information centers/
- 93 information services/
- 94 health education/
- 95 information dissemination/
- 96 counseling/
- 97 social support/
- 98 self-help groups/
- 99 self care/
- 100 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (educat\$ or informat\$ or communicat\$ or pamphlet\$ or handout\$ or hand-out\$ or hand out\$ or booklet\$ or leaflet\$ or support\$ or need\$ or advice\$ or advis\$)).ti.
- 101 ((patient\$ or parent\$ or famil\$ or relative\$ or carer\$ or caregiver\$ or care-giver\$ or spous\$ or husband\$ or wife\$ or wive\$ or partner\$) adj6 (counsel\$ or selfhelp\$ or self-help\$ or self help\$ or selfcar\$ or self-car\$ or self car\$)).ti.
- 102 patient education as topic/
- 103 patient education handout/
- 104 consumer health information/
- 105 patient\* diar\*.tw.
- 106 or/90-105
- 107 89 and 106
- 108 72 or 84 or 107
- 109 animals/ not humans/
- 110 108 not 109

**The MEDLINE SR, RCT, qualitative and patient issues filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

**McMaster Medline diagnosis filter (maximum sensitivity)**

sensitiv:.mp. OR diagnos:.mp. OR di.fs.

**McMaster Medline prognosis filter (maximum sensitivity)**

incidence.sh. OR exp mortality OR follow-up studies.sh. OR prognos:.tw. OR predict:.tw. OR course:.tw.

**McMaster Embase diagnosis filter (maximum sensitivity)**

di.fs. OR predict:.tw. OR specificity.tw.

## D.5 Health economics search strategy

### D.5.1 Economic evaluations and quality of life data

#### Sources searched to identify economic evaluations

- NHS Economic Evaluation Database – NHS EED (Wiley)
- Health Technology Assessment Database – HTA
- EconLit (Ovid)
- Embase (Ovid)
- MEDLINE (Ovid)
- MEDLINE In-Process (Ovid)
- Search filters to retrieve economic evaluations and quality of life papers were appended to population search terms to identify relevant evidence between July 2015 and November 2016. The July 2015 searches were re-run in December 2015 when two new terms were added to the population set. The re-run searches took place in November 2016. EconLit (Ovid) was searched in November 2016 since NHS EED became a legacy database.

**Table 24: health economics filters**

**The MEDLINE economic evaluations and quality of life search filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

**Economic evaluations**

**Economic Evaluations**

Economics/  
exp "Costs and Cost Analysis"/  
Economics, Dental/  
exp Economics, Hospital/  
exp Economics, Medical/  
Economics, Nursing/  
Economics, Pharmaceutical/  
Budgets/  
exp Models, Economic/  
Markov Chains/  
Monte Carlo Method/  
Decision Trees/  
econom\$.tw.  
cba.tw.



**The MEDLINE economic evaluations and quality of life search filters are presented below. They were translated for use in the MEDLINE In-Process and Embase databases.**

#### **Economic evaluations**

cea.tw.  
cua.tw.  
markov\$.tw.  
(monte adj carlo).tw.  
(decision adj2 (tree\$ or analys\$)).tw.  
(cost or costs or costing\$ or costly or costed).tw.  
(price\$ or pricing\$).tw.  
budget\$.tw.  
expenditure\$.tw.  
(value adj2 (money or monetary)).tw.  
(pharmacoeconomic\$ or (pharmaco adj economic\$)).tw.  
or/1-25

#### **Quality of life**

1 "Quality of Life"/  
2 quality of life.tw.  
3 "Value of Life"/  
4 Quality-Adjusted Life Years/  
5 quality adjusted life.tw.  
6 (qaly\$ or qald\$ or qale\$ or qtime\$).tw.  
7 disability adjusted life.tw.  
8 daly\$.tw.  
9 Health Status Indicators/  
10 (sf36 or sf 36 or short form 36 or shortform 36 or sf thirtysix or sf thirty six or shortform thirtysix or shortform thirty six or short form thirtysix or short form thirty six).tw.  
11 (sf6 or sf 6 or short form 6 or shortform 6 or sf six or sfsix or shortform six or short form six).tw.  
12 (sf12 or sf 12 or short form 12 or shortform 12 or sf twelve or sftwelve or shortform twelve or short form twelve).tw.  
13 (sf16 or sf 16 or short form 16 or shortform 16 or sf sixteen or sfsixteen or shortform sixteen or short form sixteen).tw.  
14 (sf20 or sf 20 or short form 20 or shortform 20 or sf twenty or sftwenty or shortform twenty or short form twenty).tw.  
15 (euroqol or euro qol or eq5d or eq 5d).tw.  
16 (qol or hql or hqol or hrqol).tw.  
17 (hye or hyes).tw.  
18 health\$ year\$ equivalent\$.tw.  
19 utilit\$.tw.  
20 (hui or hui1 or hui2 or hui3).tw.  
21 disutili\$.tw.  
22 rosser.tw.  
23 quality of wellbeing.tw.  
24 quality of well-being.tw.  
25 qwb.tw.  
26 willingness to pay.tw.  
27 standard gamble\$.tw.  
28 time trade off.tw.  
29 time tradeoff.tw.  
30 tto.tw.  
31 or/1-30

