

Guideline topic: Glaucoma Referral and Discharge

General comments: New guideline

Search coverage

Systematic reviews

Databases covered: Cochrane, Medline + MIP

Dates covered: 2007-2013

Total hits: 296

Sifted result:48

Papers requested: 40

Observational studies/ Searches without filter

Databases covered: Medline + MIP

Dates covered: 2007-2013

Total hits: 4302

Sifted result:118

Papers requested: 42

Internet searches

Databases covered: Google

Dates covered: 2000-2013

Total hits: 12

Sifted result:12

Papers requested: 12

Search strategies

The following are listings of the main Medline strategies used for this guideline. All conventions and symbols are from the Ovid implementation of Medline. Strategies used in other databases were substantially the same, though different terminology may have been used to take account of different thesauri used in non-Medline databases. Search filters were added to identify studies of a particular type (systematic review, RCT etc.) Listings of the search filters used by SIGN can be found on the SIGN Web site.

Scope of searches for RCTs, observational studies (OBS) and no filter (NOF) searches

KQ	Type of studies	Date range	Initial recall	Sifted result
1	NoF	2007 – Sept 2013	355	30
2	SR	2007 – Apr 2013	12	6
3	NoF	2004 – Sept 2013	585	2
4	SR	2005- June 2013	7	7
5	Obs	2007 – June 2013	2144	29
6	SR	1946- Aug 2013	2	2
7	SR	2007- Apr 2013	4	4
8	SR	2007- Apr 2013	4	4
9	NoF	2007 – Aug 2013	706	25
10	NoF	1946 – Aug 2013	55	0
11	NoF	1946 – Sep 2013	422	18
12	SR	2007 – Jun 2013	3	3
13	SR	2007 – Jun 2013	3	3
14	Obs	2000 – Sep 2013	12	12

Update (2,4,6,7,8)	SR	2013-2014	16	1
Update (1,3,5,9,10,11)	NoF	2013 - 2014	1683	13

Medline Search strategies used for specific key questions:

KQ 1(Optic Disc)

1. Optic Disk/
2. exp Ophthalmoscopy/
3. (cup\$ adj3 (disc\$ or disk\$)).tw.
4. (optic\$ adj3 (disc\$ or disk\$)).tw.
5. (optic\$ adj3 cup\$).tw.
6. or/1-5
7. limit 16 to (english language and yr="2007 -Current")

KQ1 (disk size)

- 1 ((optic disc or optic disk) adj (size or height or diameter or area)).tw.
- 2 limit 1 to (comment or editorial or letter or news)
- 3 1 not 2

KQ1 (ISNT Rule)

1. ISNT rule.tw

KQ1 (DDLs)

- 1 disc damage likelihood scale.tw.
- 2 disk damage likelihood scale.tw.
- 3 1 or 2

KQ2 Tonometry

- 1 exp tonometry, ocular/
- 2 (Tonomet\$ or applanation or tonopen or pneumotonometry or Perkins or Goldmann or pulse air).tw.
- 3 ((non-contact or applanat\$ or hand-held or hand held) adj tonomet\$).tw.
- 4 or/1-3

KQ3 CCT

- 1 Corneal Pachymetry/
- 2 (cornea\$ adj2 (thick\$ or pachymet\$ or measure\$)).tw.
- 3 or/1-2
- 4 exp Ocular Hypertension/
- 5 ocular hypertension.tw.
- 6 ((increas\$ or elevat\$ or high\$) adj3 (ocular or intraocular or intra-ocular) adj3 pressure).tw.
- 7 or/4-6
- 8 3 and 7

KQ4 Visual field perimetry

- 1 exp perimetry/
- 2 (Visual field exam\$ or visual field test or FDT or SITA or Humphrey or Swedish interactive testing algorithm or Henson or dicon or ((threshold or supra threshold or supra-threshold) adj3 perimetry)).tw.
- 3 or/1-2

KQ5 Gonioscopy

- 1 Gonioscopy/

- 2 gonioscop\$.tw.
- 3 "van herick".tw.
- 4 anterior chamber angle.tw.
- 5 iridocorneal angle.tw.
- 6 ("ultrasound biomicroscopy" or UBM).tw.
- 7 Anterior Chamber/
- 8 anterior chamber.tw.
- 9 slit lamp.tw.
- 10 ("anterior segment optical coherence tomography" or "anterior segment OCT" or ASOCT).tw.
- 11 or/1-10

KQ6 Family History

- 1 (review\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 2 (routine\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 3 (periodic\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 4 (regular adj (visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$)).tw.
- 5 (recall\$ adj interval\$).tw.
- 6 (visit\$ adj5 clinic\$).tw.
- 7 or/1-6
- 8 (glaucoma adj7 (family history or relative\$ or mother or father or sibling\$ or sister\$ or brother\$ or offspring or son\$ or daughter\$)).tw.
- 9 7 and 8

KQ 7 and 8 OHT Monitoring

- 1 Ocular Hypertension/
- 2 ocular hypertension.tw.
- 3 (suspect adj glaucoma).tw.
- 4 or/1-3
- 5 (review\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 6 (routine\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 7 (periodic\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 8 (regular adj (visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$)).tw.
- 9 (recall\$ adj interval\$).tw.
- 10 (visit\$ adj5 clinic\$).tw.
- 11 or/5-10
- 12 4 and 11

KQ9 Iridotomy

- 1 iridotom\$.tw.
- 2 "laser peripheral iridotomy".tw.
- 3 1 or 2

KQ10 Glaucoma monitoring

- 1 (review\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 2 (routine\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 3 (periodic\$ adj (interval\$ or visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$ or recall\$)).tw.
- 4 (regular adj (visit\$ or inspect\$ or examin\$ or attend\$ or check-up\$)).tw.
- 5 (recall\$ adj interval\$).tw.
- 6 (visit\$ adj5 clinic\$).tw.
- 7 or/1-6
- 8 exp glaucoma, open-angle/
- 9 (open adj5 angle adj5 glaucom\$).tw.
- 10 (poag or ntg or npg).tw.
- 11 ((primary or chronic) adj5 glaucom\$).tw.
- 12 or/8-11
- 13 7 and 15

KQ11 Disk drusen, pits, tilted disc

- 1 (drusen adj2 (disk or disc or optic nerve head)).tw.
- 2 (tilted adj2 (disc\$ or disk\$)).tw.
- 3 ((optic disk\$ or optic disc\$) adj pit\$).tw.
- 4 ((disk or disc) adj pit\$).tw.
- 5 or/1-4
- 6 limit 5 to (comment or editorial or letter or news)
- 7 5 not 6
- 8 limit 7 to english language

KQ12 Patient held record

- 1 ((patient or person or client or wom?n) adj2 (held record or held-record or case note* or medical records*)).tw

KQ13 Continuity of care

1. Continu* adj2 care.tw

KQ14 Shared care

Internet search:-

“Optometry ophthalmology shared care”