

Appendix 1: Search strategies

1A: Decision Aids

Medline (OVID)

1. Decision Support Techniques/
2. (Decision adj3 (support* OR aid* OR navigation OR patient* OR tool*)).ti,ab.
3. or/1-2
4. Genes, BRCA1/
5. BRCA1 Protein/
6. Genes, BRCA2/
7. BRCA2 Protein/
8. (BRCA* or brca* or hereditary breast ovarian cancer syndrome or hereditary breast ovarian cancer syndrome or HBOC).mp.
9. ((BRCA* or brca*) adj5 (carrier* or tumor* or tumour* or gene* or suppress* or protein* or mutat* or alter* or damage* or inherit* or heredit*)).mp.
10. or/4-9
11. 3 AND 10

EMBASE

1. 'decision support system'/exp
2. (Decision NEAR/3 (support* OR aid* OR navigation OR patient* OR tool*)):ti,ab
3. #1 OR #2
4. 'breast cancer'/exp AND ('mutation'/de OR 'gene mutation'/exp OR 'germline mutation'/exp)
5. 'tumor suppressor gene'/exp
6. 'BRCA1 protein'/exp
7. 'BRCA2 protein'/exp
8. (BRCA* or brca*):ti,ab
9. ((BRCA* or brca*) NEAR/5 (carrier* or tumor* or tumour* or gene* or suppress* or protein* or mutat* or alter* or damage* or inherit* or heredit*)):ti,ab
10. #4 OR #5 OR #6 OR #7 OR #8 OR #9
11. #3 AND #10

CINAHL

1. (MH "Decision Support Techniques") OR (MH "Decision Making, Patient")
2. TI (Decision N2 (support* OR aid* OR navigation OR patient* OR tool*)) OR AB (Decision N2 (support* OR aid* OR navigation OR patient* OR tool*))
3. S1 OR S2
4. (MH "Genes, BRCA")
5. TI ("brca1") OR AB ("brca1")
6. TI ("brca protein") OR AB ("brca protein")
7. TI ("brca2") OR AB ("brca2")
8. TI ("BRCA* OR brca*") OR AB ("BRCA* OR brca*")
9. TI ((BRCA* or brca*) N5 (carrier* or tumor* or tumour* or gene* or suppress* or protein* or mutat* or alter* or damage* or inherit* or heredit*)) OR AB ((BRCA* or brca*) N5 (carrier*

or tumor* or tumour* or gene* or suppress* or protein* or mutat* or alter* or damage* or inherit* or heredit*)

10. S4 OR S5 OR S6 OR S7 OR S8 OR S9

11. S3 AND S10

Web of Science

TS=((Decision NEAR/3 (support* OR aid* OR navigation OR patient* OR tool*)) AND ((BRCA* or brca*) OR ((BRCA* or brca*) NEAR/4 (carrier* or tumor* or tumour* or gene* or suppress* or protein* or mutat* or alter* or damage* or inherit* or heredit*))))