

Breast Cancer review search strategy

Systematic Review

Websites

Australian Safety and Efficacy Register of New Interventional Procedures - Surgical
<http://www.racs.edu.au/open/asernip-s.htm>

Bandolier <http://www.jr2.ox.ac.uk/bandolier/>

Canadian Medical Association <http://mdm.ca/cpgsnew/cpgs/index.asp>

Cancer Care Ontario <http://www.ccopebc.ca/>

Centre for Clinical Effectiveness (Australia) <http://www.med.monash.edu.au/healthservices/cce/>

Danish Institute for Health Technology Assessment (DIHTA) <http://www.dihta.dk/>

iSource National Breast Cancer Centre (Australia) <http://www.nbcc.org.au/>

Google (searched for Breast Cancer Systematic Review, Breast Cancer Guideline)
<http://www.google.com>

Health Technology Assessment <http://www.hta.nhsweb.nhs.uk/>

Health Technology Board for Scotland <http://www.htbs.org.uk>

National Guidelines Clearinghouse <http://www.guidelines.gov>

National Health and Medical Research Council (NHMRC) - Australia
<http://www.health.gov.au/nhmrc/publications/index.htm>

New Zealand Guideline Group <http://www.nzgg.org.nz/>

NHS Centre for Reviews and Dissemination <http://www.york.ac.uk/inst/crd/welcome.htm>

NICE <http://www.nice.org.uk>

NZHTA <http://nzhta.chmeds.ac.nz/>

SBU <http://www.sbu.se/admin/index.asp>

20/6/02

A search for systematic reviews was undertaken on Medline, Embase, Cinhal, Cancerlit and the Cochrane Library CD Issue 2 2002. The search covered the years 1998-2002.

Database: MEDLINE <1996 to June Week 1 2002>

Search Strategy:

-
- 1 exp Breast Neoplasms/ (36908)
 - 2 (breast\$ or mamma\$).tw. (93138)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or polyp\$).tw. (325463)

4 2 and 3 (42816)
5 (breast adj mass).tw. (199)
6 (cystosarcoma adj phylloides).tw. (8)
7 (intraductal adj carcinoma).tw. (126)
8 (paget adj nipple adj disease).tw. (0)
9 or/4-8 (42902)
10 1 or 9 (49983)
Set 10 combined with systematic reviews filter.

Breast Cancer Chemotherapy Search Narrative

The search for chemotherapy papers covered a limited number of areas not covered by the papers found from the systematic review search.

The areas covered were -

- Adjuvant chemotherapy +- (tamoxifen or ovarian ablation) in pre-menopausal women (not all the trials without endocrine therapy)
- HRT use in early or advanced breast cancer
- Neo-adjuvant studies with anthracyclines +- taxanes, neo adjuvant studies for endocrine therapy
- Data on timing of adjuvant chemotherapy
- Adjuvant chemotherapy or hormone therapy published since 2000

Searches for these chemotherapy questions not answered by the systematic review was undertaken on Medline, Embase, and the Cochrane Library CD Issue 2 2003. The search covered the years 1998-2003.

The search was updated to cover any papers published in 2003.

19/6/03

Adjuvant chemotherapy +- (tamoxifen or ovarian ablation) in pre-menopausal women (not all the trials without endocrine therapy)

Database: MEDLINE < 1996 to June Week 1 2003 >

Search Strategy:

1 exp Breast Neoplasms/ (43964)
2 (breast\$ or mamma\$).tw. (110615)
3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (383602)
4 2 and 3 (50776)
5 (breast adj mass).tw. (231)
6 (cystosarcoma adj phylloides).tw. (10)
7 (intraductal adj carcinoma).tw. (142)
8 (paget adj nipple adj disease).tw. (0)
9 or/4-8 (50875)

- 10 1 or 9 (59404)
 - 11 exp Chemotherapy, Adjuvant/ (7132)
 - 12 adjuvant.tw. (16806)
 - 13 drug\$ therap\$.tw. (6379)
 - 14 chemotherapy.tw. (44015)
 - 15 13 or 14 (50213)
 - 16 12 and 15 (5277)
 - 17 exp TAMOXIFEN/ (4643)
 - 18 tamoxifen.tw. (4378)
 - 19 ovarian ablation.tw. (68)
 - 20 ovarian suppression.tw. (74)
 - 21 exp Premenopause/ (1965)
 - 22 pre-menopaus\$.tw. (286)
 - 23 premenopaus\$.tw. (3346)
 - 24 or/11,16 (10268)
 - 25 or/17-20 (5901)
 - 26 24 and 25 (753)
 - 27 or/21-23 (4204)
 - 28 27 and 26 (134)
 - 29 10 and 28 (133)
- Set 29 combined with RCT filter

20/6/03

HRT use in early or advanced breast cancer

Database: MEDLINE < 1996 to June Week 2 2003 >

Search Strategy:

-
- 1 exp Breast Neoplasms/ (44079)
 - 2 (breast\$ or mamma\$.tw. (110939)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$.tw. (384920)
 - 4 2 and 3 (50905)
 - 5 (breast adj mass).tw. (233)
 - 6 (cystosarcoma adj phylloides).tw. (10)
 - 7 (intraductal adj carcinoma).tw. (143)
 - 8 (paget adj nipple adj disease).tw. (0)
 - 9 or/4-8 (51006)
 - 10 1 or 9 (59559)
 - 11 exp Hormone Replacement Therapy/ (7568)
 - 12 hrt.tw. (2511)
 - 13 hormone replacement therap\$.tw. (4232)
 - 14 hormone substitution.tw. (121)
 - 15 or/11-14 (9099)
 - 16 10 and 15 (1297)
- Set 16 combined with RCT strategy.

9/7/03

Neo-adjuvant studies with anthracyclines +- taxanes, neo adjuvant studies for endocrine therapy

Database: MEDLINE < 1996 to July Week 1 2003 >

Search Strategy:

- 1 exp Breast Neoplasms/ (44569)
- 2 (breast\$ or mamma\$).tw. (112224)
- 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (389075)
- 4 2 and 3 (51509)
- 5 (breast adj mass).tw. (234)
- 6 (cystosarcoma adj phylloides).tw. (10)
- 7 (intraductal adj carcinoma).tw. (145)
- 8 (paget adj nipple adj disease).tw. (0)
- 9 or/4-8 (51611)
- 10 1 or 9 (60240)
- 11 neoadjuvant.tw. (2689)
- 12 neo adjuvant.tw. (237)
- 13 11 or 12 (2885)
- 14 10 and 13 (537)
- 15 exp ANTHRACYCLINES/ (10156)
- 16 anthracyclin\$.tw. (2430)
- 17 exp Paclitaxel/ (5619)
- 18 taxane\$.tw. (988)
- 19 paclitaxel\$.tw. (4060)
- 20 endocrine therap\$.tw. (687)
- 21 exp Antineoplastic Agents, Hormonal/ (29484)
- 22 hormone\$ therap\$.tw. (1445)
- 23 hormone\$ treatment\$.tw. (1201)
- 24 endocrine treatment\$.tw. (213)
- 25 endocrinotherapy.tw. (7)
- 26 or/15-25 (46844)
- 27 14 and 26 (265)

17/7/03

Adjuvant chemotherapy or hormone therapy published since 2000

Database: MEDLINE < 1996 to July Week 1 2003 >

Search Strategy:

- 1 exp Breast Neoplasms/ (44569)
- 2 (breast\$ or mamma\$).tw. (112224)
- 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (389075)
- 4 2 and 3 (51509)
- 5 (breast adj mass).tw. (234)
- 6 (cystosarcoma adj phylloides).tw. (10)
- 7 (intraductal adj carcinoma).tw. (145)
- 8 (paget adj nipple adj disease).tw. (0)
- 9 or/4-8 (51611)
- 10 1 or 9 (60240)
- 11 adjuvant therap\$.tw. (3864)

- 12 adjuvant treatment\$.tw. (1821)
- 13 11 or 12 (5357)
- 14 exp Chemotherapy, Adjuvant/ (7230)
- 15 chemotherapy.tw. (44645)
- 16 chemo therapy.tw. (64)
- 17 drug therap\$.tw. (6103)
- 18 drug treatment\$.tw. (6533)
- 19 hormon\$ treatment\$.tw. (1947)
- 20 hormon\$ therap\$.tw. (2886)
- 21 exp Antineoplastic Agents, Hormonal/ (29484)
- 22 endocrine therap\$.tw. (687)
- 23 endocrine treatment\$.tw. (213)
- 24 or/15-23 (87008)
- 25 14 or 24 (89578)
- 26 13 and 25 (2593)
- 27 10 and 26 (904)

Set 28 combined with RCT filter.

Breast Cancer Diagnosis Search Narrative

15/1/03

A search for diagnosis was undertaken on Medline, Embase, Cinhal, Cancerlit and the Cochrane Library CD Issue 1 2003. The search covered the years 1995-2003. The papers from 1995-1998 were excluded.

Database: MEDLINE < 1996 to December Week 3 2002 >

Search Strategy:

-
- 1 exp Breast Neoplasms/ (41205)
 - 2 (breast\$ or mamma\$.tw. (103729)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adenocarcinoma\$ or metastasis or polyp\$.tw. (360961)
 - 4 2 and 3 (47640)
 - 5 (breast adj mass).tw. (212)
 - 6 (cystosarcoma adj phylloides).tw. (10)
 - 7 (intraductal adj carcinoma).tw. (134)
 - 8 (paget adj nipple adj disease).tw. (0)
 - 9 or/4-8 (47731)
 - 10 1 or 9 (55769)
 - 11 triple test\$.tw. (101)
 - 12 tts.tw. (255)
 - 13 exp Biopsy, Needle/ (10772)
 - 14 fine needle aspiration\$.tw. (4201)
 - 15 fna.tw. (1287)
 - 16 exp Magnetic Resonance Imaging/ (63806)
 - 17 mri.tw. (24411)
 - 18 mr imaging.tw. (8073)
 - 19 magnetic resonance imaging.tw. (22305)
 - 20 or/11-19 (84122)
 - 21 10 and 20 (2885)

Set 21 combined with diagnostic filter.

3/4/03

Search for one stop clinics carried out on Medline, Embase, Cinhal, Cochrane Controlled Trials Register, Journals at Ovid and HMCI from 1996 to the present.

Database: MEDLINE <1996 to March Week 3 2003 >

Search Strategy:

-
- 1 exp Breast Neoplasms/ (42341)
 - 2 (breast\$ or mamma\$).tw. (106683)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (369590)
 - 4 2 and 3 (48919)
 - 5 (breast adj mass).tw. (221)
 - 6 (cystosarcoma adj phylloides).tw. (10)
 - 7 (intraductal adj carcinoma).tw. (140)
 - 8 (paget adj nipple adj disease).tw. (0)
 - 9 or/4-8 (49012)
 - 10 1 or 9 (57239)
 - 11 one stop.tw. (175)
 - 12 10 and 11 (16)
 - 13 from 12 keep 1-16 (16)

All databases used a similar strategy.

Breast Cancer Follow Up Search Narrative

6/1/04

A search for follow up was undertaken on Medline, Embase, Cinhal, and the Cochrane Library CD Issue 4 2003. The search covered the years 1998-2004.

Database: MEDLINE <1996 to November Week 2 2003 >

Search Strategy:

-
- 1 exp Breast Neoplasms/ (47155)
 - 2 (breast\$ or mamma\$).tw. (118636)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (411623)
 - 4 2 and 3 (54500)
 - 5 (breast adj mass).tw. (252)
 - 6 (cystosarcoma adj phylloides).tw. (10)
 - 7 (intraductal adj carcinoma).tw. (151)
 - 8 (paget adj nipple adj disease).tw. (0)
 - 9 or/4-8 (54607)
 - 10 1 or 9 (63730)
 - 11 exp Neoplasm Recurrence, Local/ (16368)
 - 12 recurrence.tw. (36318)

- 13 relaps\$.tw. (25501)
 - 14 or/11-13 (66388)
 - 15 stage iv.tw. (3314)
 - 16 stage 4.tw. (799)
 - 17 exp Neoplasm Metastasis/ (24612)
 - 18 metastatic.tw. (28636)
 - 19 metastas\$.tw. (42926)
 - 20 or/15-19 (70537)
 - 21 (patient\$ adj follow up).tw. (2848)
 - 22 (surveillance adj patient\$).tw. (389)
 - 23 or/21-22 (3229)
 - 24 exp Diagnostic Imaging/ (274071)
 - 25 mri.tw. (28474)
 - 26 pet.tw. (10192)
 - 27 ct.tw. (39278)
 - 28 exp RADIOGRAPHY/ (108469)
 - 29 x-ray.tw. (30324)
 - 30 ultrasonography.tw. (15620)
 - 31 ultrasound.tw. (30655)
 - 32 mammography.tw. (4056)
 - 33 or/24-32 (332304)
 - 34 10 and 14 and 23 (31)
 - 35 10 and 20 and 23 (43)
 - 36 10 and 14 and 33 (613)
 - 37 or/34-36 (664)
 - 38 limit 36 to yr= 1998-2004 (475)
- Set 38 combined with RCT and Observational filter.

30/4/04

A search for breast cancer nurses was undertaken on Medline, Embase, Cinhal, and the Cochrane Library CD Issue 2 2004. The search covered the years 1998-2004.

Database: Ovid MEDLINE(R) < 1966 to April Week 3 2004 >

Search Strategy:

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- 1 breast care nurse\$.tw. (26)
 - 2 breast nurse\$.tw. (8)
 - 3 1 or 2 (33)

A similar strategy was used on all databases.

Breast Cancer Psychosocial Search Narrative

3/6/03

A search for psychosocial factors was undertaken on Medline, Embase, Cinhal, and the Cochrane Library CD Issue 2 2003. The search covered the years 1998-2003.

Database: MEDLINE < 1996 to May Week 2 2003 >

Search Strategy:

-
- 1 exp Breast Neoplasms/ (43624)
 - 2 (breast\$ or mamma\$).tw. (109695)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (380488)
 - 4 2 and 3 (50369)
 - 5 (breast adj mass).tw. (230)
 - 6 (cystosarcoma adj phylloides).tw. (10)
 - 7 (intraductal adj carcinoma).tw. (141)
 - 8 (paget adj nipple adj disease).tw. (0)
 - 9 or/4-8 (50468)
 - 10 1 or 9 (58929)
 - 11 (special adj2 palliat\$).tw. (11)
 - 12 exp Attitude to Death/ (2493)
 - 13 exp Terminal Care/ (9155)
 - 14 exp Palliative Care/ (8347)
 - 15 palliation.tw. (2314)
 - 16 palliative care\$.tw. (2548)
 - 17 exp BEREAVEMENT/ (2115)
 - 18 (bereaved or bereavment).tw. (408)
 - 19 exp Quality of Life/ (21753)
 - 20 QOL.tw. (2517)
 - 21 (quality adj2 life).tw. (24642)
 - 22 symptom management.tw. (380)
 - 23 patient information.tw. (1063)
 - 24 support group\$.tw. (992)
 - 25 exp Physician-Patient Relations/ (11330)
 - 26 leaflet\$.tw. (2827)
 - 27 exp PAMPHLETS/ (571)
 - 28 exp INTERNET/ (11328)
 - 29 booklet\$.tw. (451)
 - 30 exp Mass Media/ (2147)
 - 31 pamphlet\$.tw. (233)
 - 32 tape\$.tw. (5700)
 - 33 video\$.tw. (15395)
 - 34 sheet\$.tw. (8032)
 - 35 post?card\$.tw. (380)
 - 36 counsel?r\$.tw. (687)
 - 37 macmillan nurs\$.tw. (23)
 - 38 care?give\$.tw. (5202)
 - 39 (cope or coping).tw. (8734)
 - 40 fear.tw. (6164)
 - 41 exp COMMUNICATION/ (58421)
 - 42 exp ANXIETY/ (7404)
 - 43 exp CAREGIVERS/ (4538)
 - 44 exp Mental Health/ (2672)
 - 45 exp Family Health/ (5867)
 - 46 exp DEPRESSION/ (9701)

47 exp Patient Participation/ (3971)
48 exp Patient Care Team/ (12557)
49 exp Professional-Family Relations/ (2148)
50 exp Truth Disclosure/ (3430)
51 exp COUNSELING/ (5549)
52 exp Pastoral Care/ (842)
53 *ADAPTATION, PSYCHOLOGICAL/ (6385)
54 exp Patient Education/ (15514)
55 exp SPOUSES/ (1489)
56 exp Social Isolation/ (1743)
57 psychosocial.tw. (10780)
58 (psycho adj social).tw. (462)
59 psychological distress.tw. (1804)
60 exp Social Support/ (9629)
61 or/11-60 (234606)
62 10 and 61 (4348)
Set 62 combined with RCT filter.

Cinahl and the Cochrane library used similar searches to those listed above.

Breast Cancer Surgery Search Narrative

3/6/03

A search for the surgery questions not answered by the systematic review was undertaken on Medline, Embase, and the Cochrane Library CD Issue 2 2003. The search covered the years 1998-2003.

The topics covered were -

- Prophylactic mastectomy, RCTs of mastectomy v observation in high risk groups
- Reconstruction. RCT of immediate v delayed reconstruction with reference to physical outcome of procedure & psychological outcomes.
- Axilla. RCT of clearance v sample.

Database: MEDLINE < 1996 to May Week 3 2003 >

Search Strategy:

1 exp Breast Neoplasms/ (43752)
2 (breast\$ or mamma\$).tw. (110050)
3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (381618)
4 2 and 3 (50524)
5 (breast adj mass).tw. (230)
6 (cystosarcoma adj phylloides).tw. (10)
7 (intraductal adj carcinoma).tw. (142)
8 (paget adj nipple adj disease).tw. (0)
9 or/4-8 (50623)

- 10 1 or 9 (59115)
- 11 surgery.tw. (135490)
- 12 surgical.tw. (111139)
- 13 exp Surgical Procedures, Operative/ (382343)
- 14 or/11-13 (473008)
- 15 exp AXILLA/ (2039)
- 16 axilla\$.tw. (5469)
- 17 or/15-16 (5872)
- 18 14 and 17 (3460)
- 19 exp MAMMAPLASTY/ (1803)
- 20 mammoplasty.tw. (351)
- 21 (breast adj2 reconstruction).tw. (740)
- 22 exp MASTECTOMY/ (3597)
- 23 prophylactic mastectomy.tw. (147)
- 24 or/17-23 (10113)
- 25 10 and 24 (5973)

Set 25 combined with RCT filter

Database: EMBASE < 1996 to 2003 Week 21 >

Search Strategy:

-
- 1 exp Breast Tumor/ (47684)
 - 2 exp Breast Cancer/ (45578)
 - 3 1 or 2 (47684)
 - 4 (breast\$ or mamma\$.tw. (104454)
 - 5 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$.tw. (372843)
 - 6 4 and 5 (49790)
 - 7 (breast adj mass).tw. (243)
 - 8 (cystosarcoma adj phylloides).tw. (11)
 - 9 (intraductal adj carcinoma).tw. (156)
 - 10 (paget adj nipple adj disease).tw. (0)
 - 11 or/6-10 (49887)
 - 12 3 or 11 (59823)
 - 13 exp SURGERY/ (451762)
 - 14 surgery.tw. (130736)
 - 15 surgical.tw. (102515)
 - 16 or/13-15 (504136)
 - 17 exp AXILLA/ (600)
 - 18 axilla\$.tw. (5489)
 - 19 or/17-18 (5614)
 - 20 16 and 19 (3352)
 - 21 exp Breast Reconstruction/ (2188)
 - 22 mammoplasty.tw. (365)
 - 23 (breast\$ adj2 reconstruction).tw. (750)
 - 24 exp MASTECTOMY/ (4282)
 - 25 prophylactic mastectomy.tw. (152)
 - 26 or/21-25 (5962)
 - 27 12 and 26 (4217)

Set 27 combined with RCT filter

8/7/03

A search for the DCIS questions not answered by the systematic review was undertaken on Medline, Embase, and the Cochrane Library CD Issue 2 2003. The search covered the years 1998-2003.

Database: MEDLINE < 1996 to June Week 4 2003 >

Search Strategy:

-
- 1 exp Breast Neoplasms/ (44396)
 - 2 (breast\$ or mamma\$).tw. (111799)
 - 3 (cancer or tumor\$ or tumour\$ or carcinoma\$ or sarcoma\$ or neoplasm\$ or adencarcinoma\$ or metastasis or polyp\$).tw. (387794)
 - 4 2 and 3 (51305)
 - 5 (breast adj mass).tw. (234)
 - 6 (cystosarcoma adj phylloides).tw. (10)
 - 7 (intraductal adj carcinoma).tw. (145)
 - 8 (paget adj nipple adj disease).tw. (0)
 - 9 or/4-8 (51407)
 - 10 1 or 9 (60010)
 - 11 exp Carcinoma, Intraductal, Noninfiltrating/ (912)
 - 12 dcis.tw. (787)
 - 13 ductal carcinoma in situ.tw. (1081)
 - 14 intraductal carcinoma.tw. (145)
 - 15 or/11-14 (1882)
 - 16 10 and 15 (1806)
- Set 16 combined with RCT filter