Supplementary Table 1 – study search strategies and websites/database resources

|  |  |  |
| --- | --- | --- |
|  | Database, source, website | Search strategy |
| 1 | The Cochrane Library http://www.thecochranelibrary.com |  |
| 2 | Health Technology Assessment Database, DARE Database of Abstracts of Reviews of Effects, Cochrane Database of Systematic Reviews | (((((("Technology Assessment, Biomedical"[Mesh:noexp])) OR ("health technology assessment"[Title/Abstract])) OR ("health technology assessments"[Title/Abstract]))) AND (((("breast neoplasms"[MeSH Terms])) OR ("breast cancer"[Title/Abstract])) OR ("cancer of the breast"[Title/Abstract]))) AND ((((("gene expression profiling"[MeSH Terms])) OR ("gene expression profiling"[Title/Abstract])) OR ("gene expression profile"[Title/Abstract])) OR ("gene expression profiles"[Title/Abstract])) limit to (english and yr="2004 - 2012") |
| 3 | Centre for Reviews and Dissemination http://www.crd.york.ac.uk/crdweb/ |  |
|  | Health Technology Assessment Database | gene expression profil\* AND breast cancer |
|  |  | breast cancer AND prognostic signature |
|  |  | breast cancer AND profiling test |
| 5 | INAHTA: International Network of Agenices for HTA http://www.inahta.net | breast cancer AND gene expression profiling (English, all documents, in neoplasms only, all HTA agencies, 2004-2012) |
|  |  | breast cancer AND prognosis (and same parameters as above) |
| 6 | TRIP Database: Turning Research Into Practice http://www.tripdatabase.com | breast cancer AND gene expression profiling AND technology assessment |
|  |  | breast cancer AND prognosis AND technology assessent |
| 7 | HTAI Health Technology Assessment international: Vortal Database http://www.htai.org/index.php?id=579 | breast cancer AND gene expression profiling |
|  |  | breast cancer AND gene expression profiling AND prognosis |
| 8 | Medion Database http://www.mediondatabase.nl | breast cancer AND gene expression |
|  |  | breast cancer |
|  |  | laboratory tests AND female genital system including breast (their terms) |
|  |  | genetics AND female genital system including breast (their parameters) |
|  |  | malignancies AND genetics(their terms) |
|  |  |  |
| 9 | WHO Health Evidence Network (HEN) http://search.who.int | breast cancer AND gene expression profiling AND technology assessment |
|  |  | breast cancer AND prognosis AND technology assessment |
| 10 | Health Canada http://www.hc-sc.gc.ca/index-eng.php | breast cancer AND technology assessment |
| 11 | CADTH: Canadian Agency for Drugs and Technologies in Health http://www.cadth.ca/ | breast cancer AND gene expression |
| 12 | British Columbia Office for Health Technology Assessment: Centre for Helath Services and Policy Research http://www.chspr.ubc.ca | breast cancer AND gene expression profiling |
|  |  | breast cancer |
| 13 | McGill TAU: Technology Assessment Unit of McGill University Health Centre http://www.mcgill.ca/tau/ | reviewed all publications |
| 14 | Institute of Health Economics, University of Alberta http://www.ihe.ca/search/ | breast cancer AND gene expression AND technology assessment |
| 15 | Alberta Health and Wellness http://www.health.gov.ab.ca | breast cancer AND technology assessment |
| 16 | EPHPP: Effective Public Health Practice Project http://www.ephpp.ca | reviewed all publications |
| 17 | Institute for Clinical and Evaluative Sciences http://www.ices.on.ca | breast cancer AND gene expression |
| 18 | OHTAS: Ontario Medical Advisory Secretariat http://www.hqontario.ca/en/mas/mas\_ohtas\_mn.html | reviewed all publications |
| 19 | Euroscan http://euroscan.org.uk | gene expression profiling in 'oncology and radiology' |
| 20 | DACEHTA:Danish Centre for Health Technology Assessment http://www.sst.dk/English/DACEHTA.aspx | reviewed all summaries in English |
| 21 | FINOHTA: Finnish Office for Health Technology Assessment http://finohta.stakes.fi/EN/index.htm | reviewed all abstracts in English |
| 22 | Norwegian Knowledge Centre for the Health Services http://www.kunnskapssenteret.no/Home | breast cancer |
| 23 | SBU:The Swedish Council on HTA http://www.sbu.se/en/ | reviewed all publications |
| 24 | DIMDI: German Institute of Medical Documentation and Information http://www.dimdi.de/static/en/hta/dahta/index.htm | breast cancer AND gene expression |
| 26 | ARIF: Aggressive Research Intelligence Facility http://www.birmingham.ac.uk/research/activity/mds/projects/HaPS/PHEB/ARIF/index.aspx | breast cancer AND genetics |
| 27 | DoPHER: Database of Promoting Health Effectiveness Reviews http://eppi.ioe.ac.uk/webdatabases/Search.aspx | breast cancer AND gene expression |
|  |  | breast cancer |
| 28 | NIHR Health Technology Assessment programme http://www.hta.ac.uk | cancer of breast (select by disease option) |
|  |  | cancer (select by key area option) |
| 29 | MHRA: Medicine and Healthcare products Regulatory Agency http://www.mhra.gov.uk | breast cancer AND prognosis |
| 30 | NHS NICE: National Health Service National Institute for ClinicalExcellence http://www.nice.org.uk | reviewed all publications |
| 31 | SIGN: Scottish Intercollegiate Guidelines Network http://www.sign.ac.uk/guidelines/published/index.html#Cancer | reviewed all publications |
| 32 | Southern Health: Centre for Clinical Effectiveness http://www.southernhealth.org.au/page/Health\_Professionals/CCE/ | reviewed all publications |
| 33 | MSAC: Medical Services Advisory Committee http://www.msac.gov.au | breast cancer AND gene expression |
| 34 | Joanna Briggs Institute http://www.joannabriggs.edu.au | breast cancer AND gene expression |
| 35 | NZHTA: New Zealand Health Technology Assessment http://www.otago.ac.nz/christchurch/research/nzhta/ | reviewed all publications |
| 36 | CAHIAQ: Catalan Agency for Technology Assessment and Research http://www.gencat.cat | reviewed all publications |
| 37 | USFDA: US Food and Drug Administration (medical devices section) http://www.fda.gov/MedicalDevices/default.htm | breast cancer AND gene expression profiling AND technology assessment |
|  |  | breast cancer AND prognosis |
|  |  | breast cancer AND prognosis AND technology assessment |
|  |  | technology assessment AND mammaprint |
| 38 | AHRQ: Agency for Healthcare Research and Quality http://search.ahrq.gov | breast cancer AND gene expression AND technology assessment |
|  |  | breast cancer AND prognosis AND technology assessment |
| 39 | HSTAT: Health Services and Technology AssessmentTtexts http://www.ncbi.nlm.nih.gov/books/NBK16710/ | reviewed all publications |
| 40 | CHBRP: California Health Benefits Review Program http://www.chbrp.org/docs/index.php?action=view | breast cancer AND prognosis |
| 41 | CTAF: California Techology Assessment Forum http://www.ctaf.org | breast AND "hematology and oncology" (their search terms) |
| 42 | VATAP: Veterans Affairs Technology Assessment Program http://www.va.gov/VATAP/index.asp | reviewed all publications |
| 43 | Washington State Heath Care Authority Health Technology Assessment http://www.hta.hca.wa.gov/assessments.html | reviewed all publications |
| 44 | CINAHL | breast cancer AND gene expression profiling, limit to (english and yr="2004 - 2012") |
| 45 | EMBASE | (((((("Technology Assessment, Biomedical"[Mesh:noexp])) OR ("health technology assessment"[Title/Abstract])) OR ("health technology assessments"[Title/Abstract]))) AND (((("breast neoplasms"[MeSH Terms])) OR ("breast cancer"[Title/Abstract])) OR ("cancer of the breast"[Title/Abstract]))) AND ((((("gene expression profiling"[MeSH Terms])) OR ("gene expression profiling"[Title/Abstract])) OR ("gene expression profile"[Title/Abstract])) OR ("gene expression profiles"[Title/Abstract])) limit to (english and yr="2004 - 2012") |
| 46 | Open Grey http://www.opengrey.eu | breast cancer AND gene expression profiling AND technology assessment |
|  |  | breast cancer AND technology assessment |
|  |  | breast cancer AND prognosis |
|  |  | breast cancer AND gene signature |
| 47 | Startpage https://startpage.com/do/search | breast cancer AND gene expression profiling AND technology assessment |

**Caption:**

Supplementary Table 1:

Shown are the specific search strings used for each of the 47 electronic databases, search engines and other resources from which the study dataset documents were identified.