Supplementary Material 1- Search Strategy

**DATABASES**

Ovid:

Embase <1980 to 2013 Week 22> ; Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations and Ovid MEDLINE(R) <1946 to Present> ; PsycINFO <1806 to April Week 2 2014>; Wiley’s Cochrane Library <1st quarter 2014>; and the Centre for Reviews and Dissemination’s (CRD) HTA database <1st quarter 2014>

PubMed:

PubMed <up to April 15th 2014>

Ethicsweb:

Bioethics Literature Database (BELIT)<up to April 2014>

European Database on Literature of Ethics in Biotechnology (ENDEBIT) <up to April 2014>

**STRATEGY**

1. (ethics or ethical\* or moral\* or bioethic\*).mp.
2. (humanism or dignity or integrity or human right\* or principlism or normativ\* or principle-base\* or beneficence or autonomy or non-maleficence or philosoph\* or aristoteles or socrates or justice or fairness or hope or accessible or accessibility or Beauchamp or childress or equilibrium\* or wide reflective\* or socratic or social shaping or casuistry or coherence analy\* or eclectic\* or right to die or right to life or social value\* or ethnic value\* or personal value\* or harm or benefit-harm or harm-benefit or elsi or elsa).ti,ab,kw.
3. 1 or 2
4. exp \*Technology Assessment, Biomedical/
5. \*Biomedical Technology Assessment/
6. (health technology assessment? or HTA? or ((new or emerg\*) adj3 technolog\*)).ti,ab.
7. 4 or 5 or 6
8. (barrier? or challenge? or enable\* or facilitat\* or obstacle? or inhibit\* or promot\*).mp
9. 3 and 7 and 8
10. remove duplicates from 9
11. limit 10 to English language

**Syntax guide**:

\*= a truncation symbol (wildcard) to retrieve plurals or varying endings

?= a truncation symbol for one or no characters only

.ab= abstract

adj#= Adjacency within # number of words (in any order)

.kw= Medline=Keyword Heading; contains the Keyword Headings assigned by indexers at the National Library of Medicine to describe the content of an article

Embase=Key Word; contains keywords defined by the author of the article

.mp= Medline: title, abstract, original title, name of substance word, subject heading word, protocol supplementary concept, unique identifier

Embase: title, abstract, subject headings, heading word, original title, keyword

.ti= title

**GREY LITERATURE:**

**Websites of Health Technology Assessment Agencies**

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| **Country** | **Agencies** |
| Inter/Multi National | International Network for Agencies for Health Technology Assessment (INAHTA); Health Technology Assessment International (HTAi); International Society For Pharmacoeconomics and Outcomes Research (ISPOR); WHO Health Evidence Network; European Information Network on New and Changing Health Technologies (EUROSCAN). University of Birmingham. National Horizon Scanning Centre; European network for health technology assessment (EUnetHTA) |
| Australia | Australian Safety and Efficacy Register of New Interventional Procedures – Surgical (ASERNIP-S); Centre for Clinical Effectiveness, Monash University; Medicare Services Advisory Committee, Department of Health and Aging |
| Austria | Institute of Technology Assessment (ITA); Ludwig Boltzmann Institute for Health Technology Assessment (LBI-HTA) |
| Belgium | Federal Kenniscentrum voor de Gezendheidszorg (KCE) |
| Canada | Canadian Agency for Drugs and Technologies in Health (CADTH); Agence d’Evaluation des Technologies et des Modes d’Intervention en Santé (AETMIS). Québec; Centre for Health Services and Policy Research, University of British Columbia; Institute for Clinical Evaluative Sciences (ICES). Ontario; Institute of Health Economics (IHE). Alberta;The Technology Assessment Unit of the McGill University Health Centre |
| China | National Health Development Research Center (NHDRC); Key Lab of Health Technology Assessment |
| Croatia: | Agency for Quality and Accreditation in Health Care |
| Denmark | Danish Centre for Evaluation and Health Technology Assessment (DCEHTA); Danish Institute for Health Services Research and Development (DSI) |
| Finland | Finnish Office for Health Care Technology and Assessment (FinOHTA). |
| France | L’Agence Nationale d’Accréditation et d’Evaluation en Santé (ANAES). Ministere de la Santé, de la Famille, et des Personnes handicappés; Committee for Evaluation and Diffusion of Innovative Technologies (CEDIT); French National Authority for Health (HAS) Department of Economics and Public Health Assessment |
| Germany | German Institute for Medical Documentation and Information (DIMDI) |
| India | Indian Institute of Health Management Research (IIHMR) |
| Israel | Israel Center for Technology Assessment in Health Care (ICTAHC) |
| Japan | National Institute of Public Health/ Department of Technology Assessment and Biostatistics |
| Malaysia | Ministry of Health/ Health Technology Assessment Unit |
| Netherlands | College voor Zorgverzekeringen/Health Care Insurance Board (CVZ); Health Council of the Netherlands |
| New Zealand | New Zealand Health Technology Assessment Clearing House for Health Outcomes and Health Technology Assessment (NZHTA) |
| Norway | Norwegian Centre for Health Technology Assessment (SMM) |
| Poland | Agency for Health Technology Assessment (AHTAPol) |
| South Korea | National Evidence-based Healthcare Collaborating Agency (NECA); Ministry of Health/ Health Insurance Review & Assessment Agency (HIRA); |
| Spain | Agencia de Evaluación de Tecnologias Sanitarias (AETS), Instituto de Salud “Carlos III”/ Health Technology Assessment Agency, Basque Office for Health Technology Assessment (OSTEBA); Catalan Agency for Health Technology Assessment and Research (CAHTA) |
| Sweden | Centre for Medical Technology Assessment (CMT); Swedish Council on Technology Assessment in Health Care (SBU) |
| Switzerland | Swiss Network for Health Technology Assessment; Institute for Innovation and Valuation in Health Care (INNOVAL) |
| Taiwan | Center for Drug Evaluation (CDE) |
| Thailand | Health Intervention and Technology Assessment Program (HiTAP)/ International Health Policy Program (iHPP) |
| UK | National Horizon Scanning Centre (NHSC); NIHR Health Technology Assessment programme, Coordinating Centre for Health Technology Assessment (NCCHTA); NHS National Institute for Clinical Excellence (NICE); NHS Quality Improvement Scotland; University of York NHS Centre for Reviews and Dissemination (NHS CRD) |
| USA | Agency for Healthcare Research and Quality (AHRQ); ECRI Institute; Institute for Clinical Systems Improvement (ICSI); Blue Cross and Blue Shield Association's Technology Evaluation Center (TEC) |

**Search Engine**

Google

<http://www.google.ca/>