Filtros clínicos metodológicos prediseñados para realizar búsquedas bibliográficas. Marzo, 2017
Bibliotema 091-2017

Recuperar información relevante requerirá de una estrategia bien diseñada. Para ello existen los filtros metodológicos, que son estrategias de búsqueda prediseñadas, que constituyen excelentes herramientas para recuperar las mejores evidencias en ciencias de la salud.

El objetivo de este Bibliotema, es recopilar algunos de estos filtros que conocemos.

1.**Clinical Queries de PubMed.** https://www.ncbi.nlm.nih.gov/pubmed/clinical
2. **PubMed Search Strategies.** http://pubmedsearches.blogspot.com.es/
3. **Ovid Expert Searches -Health Science.**
http://resourcecenter.ovid.com/site/resources/expert_search/healthexp.html
4. **UTHealth. Search Filters for Various Databases.**
http://libguides.sph.uth.tmc.edu/search_filters
5. **InterTASC Information Specialists' Sub-Group (ISSG).**
https://sites.google.com/a/york.ac.uk/issg-search-filters-resource/home
6. **Hedges Project. Health Information Research Unit. McMaster University.**
http://hiru.mcmaster.ca/hiru/HIRU_Hedges_home.aspx
7. **NLM Resources for *Informing* Comparative Effectiveness.**
https://www.nlm.nih.gov/nichsr/cer/cerqueries.html
8. **SIGN Filters.** http://www.sign.ac.uk/methodology/filters.html
9. **BMJ Clinical Evidence.** http://clinicalevidence.bmj.com/x/set/static/ebm/learn/665076.html
10. **CADTH's Database Search filters.** https://www.cadth.ca/resources/finding-evidence/strings-attached-cadths-database-search-filters
11. **Flinders Filters.** http://www.flinders.edu.au/clinical-change/research/flinders-filters/search-filters/search-filters_home.cfm
12. **RCT filters Cochrane**. http://work.cochrane.org/rct-filters-different-databases
13. **EAHIL.** https://sites.google.com/site/eahilblocks/a-c

1. Sin duda los más conocidos son los filtros **Clinical Queries de PubMed.**
https://www.ncbi.nlm.nih.gov/pubmed/clinical

La información sobre los filtros se puede ver en :
https://www.ncbi.nlm.nih.gov/books/NBK3827/#pubmedhelp.Clinical_Queries_Filters

Esta sería por ejemplo, la estrategia utilizada para recuperar revisiones sistemáticas, meta-análisis, revisiones de ensayos clínicos, medicina basada en evidencias, conferencias de consenso, y guías de práctica clínica en Pubmed:

Strategy last modified February 2017.

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(systematic review [ti] OR meta-analysis [pt] OR meta-analysis [ti] OR
systematic literature review [ti] OR
this systematic review [tw] OR pooling project [tw] OR (systematic review [tiab]
AND review [pt]) OR
meta synthesis [ti] OR meta-analy*[ti] OR integrative review [tw] OR integrative
research review [tw] OR
rapid review [tw] OR umbrella review [tw] OR consensus development conference
[pt] OR practice guideline [pt] OR
drug class reviews [ti] OR cochrane database syst rev [ta] OR acp journal club
[ta] OR health technol assess [ta] OR
evid rep technol assess summ [ta] OR jbi database system rev implement rep [ta])
OR
(clinical guideline [tw] AND management [tw]) OR ((evidence based[ti] OR
evidence-based medicine [mh] OR
best practice* [ti] OR evidence synthesis [tiab])
AND (review [pt] OR diseases category[mh] OR behavior and behavior mechanisms
[mh] OR therapeutics [mh] OR
evaluation studies[pt] OR validation studies[pt] OR guideline [pt] OR pmcbook))
OR
((systematic [tw] OR systematically [tw] OR critical [tiab] OR (study selection
[tw]) OR
(predetermined [tw] OR inclusion [tw] AND criteri* [tw]) OR exclusion criteri*
[tw] OR main outcome measures [tw] OR
standard of care [tw] OR standards of care [tw])
AND
(survey [tiab] OR surveys [tiab] OR overview* [tw] OR review [tiab] OR reviews
[tiab] OR search* [tw] OR
handsearch [tw] OR analysis [ti] OR critique [tiab] OR appraisal [tw] OR
(reduction [tw]AND (risk [mh] OR risk [tw]) AND (death OR recurrence)))
AND
(literature [tiab] OR articles [tiab] OR publications [tiab] OR publication
[tiab] OR
bibliography [tiab] OR bibliographies [tiab] OR published [tiab] OR pooled data
[tw] OR
unpublished [tw] OR citation [tw] OR citations [tw] OR database [tiab] OR
internet [tiab] OR textbooks [tiab] OR
references [tw] OR scales [tw] OR papers [tw] OR datasets [tw] OR trials [tiab]
OR meta-analy* [tw] OR
(clinical [tiab] AND studies [tiab]) OR treatment outcome [mh] OR treatment
outcome [tw] OR pmcbook))
NOT
(letter [pt] OR newspaper article [pt])
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Para aplicar esta estrategia nosotros sólo tendríamos que escribir :
systematic [sb] y combinarla con los términos que describen los contenidos de nuestra necesidad de

información: exercise hypertension AND systematic [sb]

2. Cindy Schmidt's Blog: **PubMed Search Strategies.** Un blog creado para compartir estrategias de búsqueda en PubMed
http://pubmedsearches.blogspot.com.es/

3. Ovid Expert Searches -Health Science.
http://resourcecenter.ovid.com/site/resources/expert_search/healthexp.html

En esta dirección de OVID, están preconfigurados varios filtros clínicos para utilizar en Ovid Medline y en Embase.
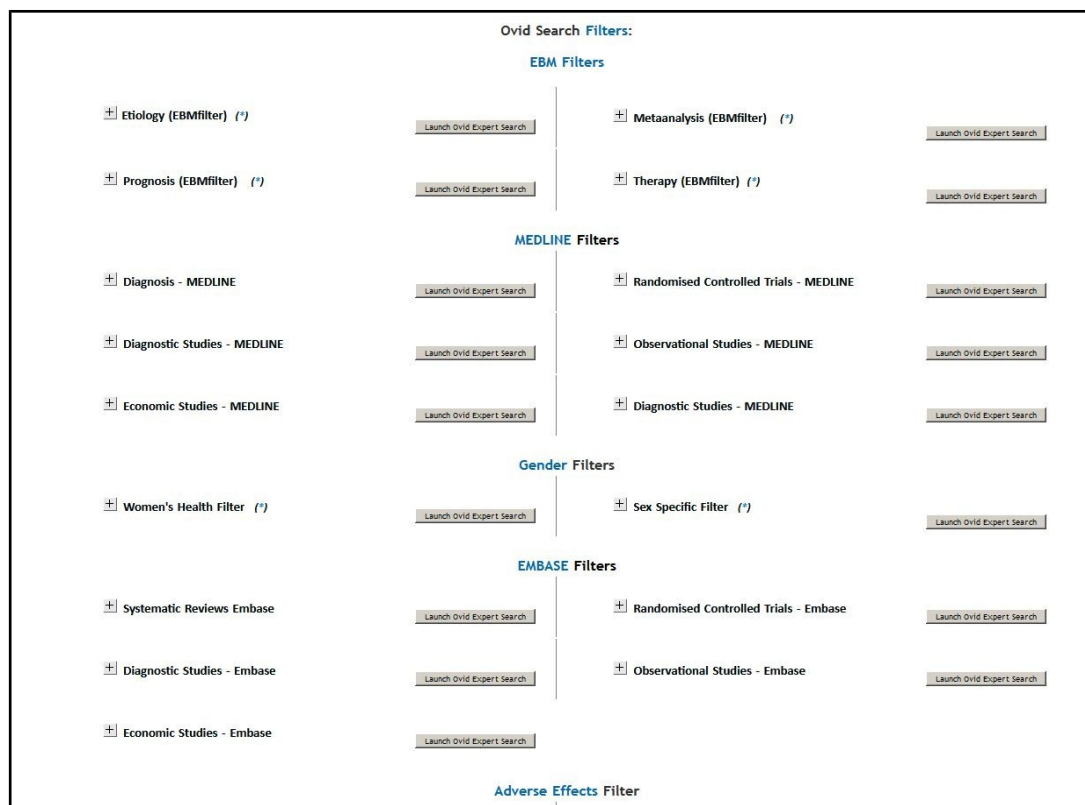
4.UTHealth. Search Filters for Various Databases

La Universidad de Texas, a través de Helena VonVille , recopila en esta página filtros para varias bases de datos como son Ovid Medline, Ovid PsycINFO, Pubmed o Ebsco CINAHL

http://libguides.sph.uth.tmc.edu/search_filters

5. InterTASC Information Specialists' Sub-Group (ISSG) . Esta página de filtros la mantiene un grupo de proesionales de la información de Inglaterra y Escocia que evalúan tecnologías para el NICE.

https://sites.google.com/a/york.ac.uk/issg-search-filters-resource/home

The InterTASC Information Specialists' Sub-Group Search Filter Resource

The InterTASC Information Specialists' Sub-Group (ISSG) is the group of information professionals supporting research groups within England and Scotland providing technology assessments to the National Institute for Health and Care Excellence (NICE) and other associated Information Specialists.

The InterTASC Information Specialists' Sub-Group Search Filter Resource is a collaborative venture to identify, assess and test search filters designed to retrieve research by study design or focus. The Search Filters Resource aims to provide easy access to published and unpublished search filters. It also provides information and guidance on how to critically appraise search filters, study design filters in progress and information on the development and use of search filters. Inclusion of a search filter is not an endorsement of its validity or a recommendation.

The editorial team comprises Julie Glanville (York Health Economics Consortium), Carol Lefebvre (Lefebvre Associates Ltd) and Kath Wright (Centre for Reviews and Dissemination).

Monthly update searches are undertaken to identify search filters for the Resource.

The search filters are grouped by study design or focus:

- Adverse effects
- Aetiology
- Diagnostic studies
- Economic evaluations
- Epidemiological studies
- Guidelines
- Health services research
- Health state utility values
- Mixed methods studies
- Non-randomized studies
- Observational studies
- Outcome studies
- Prognosis
- Public Views & Patient Issues
- Qualitative research
- Quality of life
- RCTs and other trials
- Systematic reviews
- Therapy studies
- Other filters

Information on issues relating to search filters can be found at the following pages:

- Critical appraisal of search filters
- Filter methods
- Surveys of filter performance
- Impact of search filters
- Collections of filters
- Search strategy blogs and discussion lists
- Training

6. Hedges Project. Health Information Research Unit. McMaster University

Incluye filtros para Medline, Embase y PsycINFO

http://hiru.mcmaster.ca/hiru/HIRU_Hedges_home.aspx

Top (Therapy, Diagnosis, Prognosis, Reviews, Qualitative, Causation (etiology), Clinical Prediction Guide, Economics)

Therapy - EMBASE

Filter type	Ovid Filter	Sens / spec / prec / acc (%)
Maximizes sensitivity	random:.tw. OR clinical trial:.mp. OR exp health care quality	99 / 72 / 14 / 73
Maximizes specificity	double-blind:.mp. OR placebo:.tw. OR blind:.tw.	52 / 97 / 43 / 95
Best balance of sensitivity and specificity	random:.tw. OR placebo:.mp. OR double-blind:.tw.	95 / 93 / 38 / 93

Top (Therapy, Diagnosis, Prognosis, Reviews, Qualitative, Causation (etiology), Clinical Prediction Guide, Economics)

Diagnosis - EMBASE

Filter type	Ovid Filter	Sens / spec / prec / acc (%)
Maximizes sensitivity	di.fs. OR predict:.tw. OR specificity.tw.	100 / 70 / 1 / 71
Maximizes specificity	specificity.tw.	63 / 98 / 11 / 98
Best balance of sensitivity and specificity	sensitiv:.tw. OR diagnostic accuracy.sh. OR diagnostic.tw.	90 / 92 / 3 / 92

Top (Therapy, Diagnosis, Prognosis, Reviews, Qualitative, Causation (etiology), Clinical Prediction Guide, Economics)

7. NLM Resources for *Informing* Comparative Effectiveness

https://www.nlm.nih.gov/nichsr/cer/cerqueries.html

Corresponden a filtros que obtienen resultados de comparaciones clínicas de efectividad de tratamientos o que informan sobre los resultados de los tratamientos. Recupera categorías específicas de estudios como son los estudios clínicos, estudios observacionales, y revisiones y simulaciones sistemáticas.

Example: atrial fibrillation OR defibrillators

Search [   ] Go Clear

Research Category

- ⦿ Randomized controlled trials
- ○ Observational Studies
  (cohort, administrative data, registries, and electronic health records)
- ○ Systematic Reviews, Simulations, Models
- ○ All (all of the above; with health disparities, costs and cost analysis, CER as subject)

Selected Topics

- ○ Health Disparities
- ○ Costs and Cost Analysis
- ○ Comparative Effectiveness Research as Subject

8. SIGN Filters.

La famosa red escocesa de colegios médicos que realiza guías de práctica clínica tiene publicados sus filtros.
Realizados para Medline, Embase y Cinahl para OVID.

http://www.sign.ac.uk/methodology/filters.html

Systematic Reviews

Randomised Controlled Trials

Observational Studies

Diagnostic Studies

Economic Studies

Patient issues

9. Filtros del BMJ Clinical Evidence . Creados por especialistas del BMJ Evidence Centre.

http://clinicalevidence.bmj.com/x/set/static/ebm/learn/665076.html

Estrategias creadas para Medline y Embase de Ovid,

Medline cohort, case-control, and case series strategy

- exp cohort studies/
- cohort$.tw.
- controlled clinical trial.pt.
- epidemiologic methods/
- limit 4 to yr=1966-1989
- exp case-control studies/
- (case$ and control$).tw.
- (case$ and series).tw.
- or/1-3,5-8

Embase cohort, case-control, and case series strategy

- exp cohort analysis/
- exp longitudinal study/
- exp prospective study/
- exp follow up/
- cohort$.tw.
- exp case control study/
- (case$ and control$).tw.
- exp case study/
- (case$ and series).tw.
- or/1-9

10. CADTH's Database Search filters. Canadian Agency for Drugs and Technologies in Health.

Son filtros de búsqueda desarrollados y mantenidos por el Grupo de Trabajo de Filtros de los Servicios de Información del CADTH. Estos filtros han sido ampliamente probados por el Equipo de Servicios de Información y se usan rutinariamente en proyectos del CADTH; Sin embargo, no se han validado contra un conjunto de artículos de oro estándar.

https://www.cadth.ca/resources/finding-evidence/strings-attached-cadths-database-search-filters

11. Flinders Filters. Flinders Centre for Clinical Change & Health Care Research

Filtros desarrollados por la Universidad Flinders en el sur de Australia.

http://www.flinders.edu.au/clinical-change/research/flinders-filters/search-filters/search-filters_home.cfm

12. **RCT filters Cochrane**.
 http://work.cochrane.org/rct-filters-different-databases
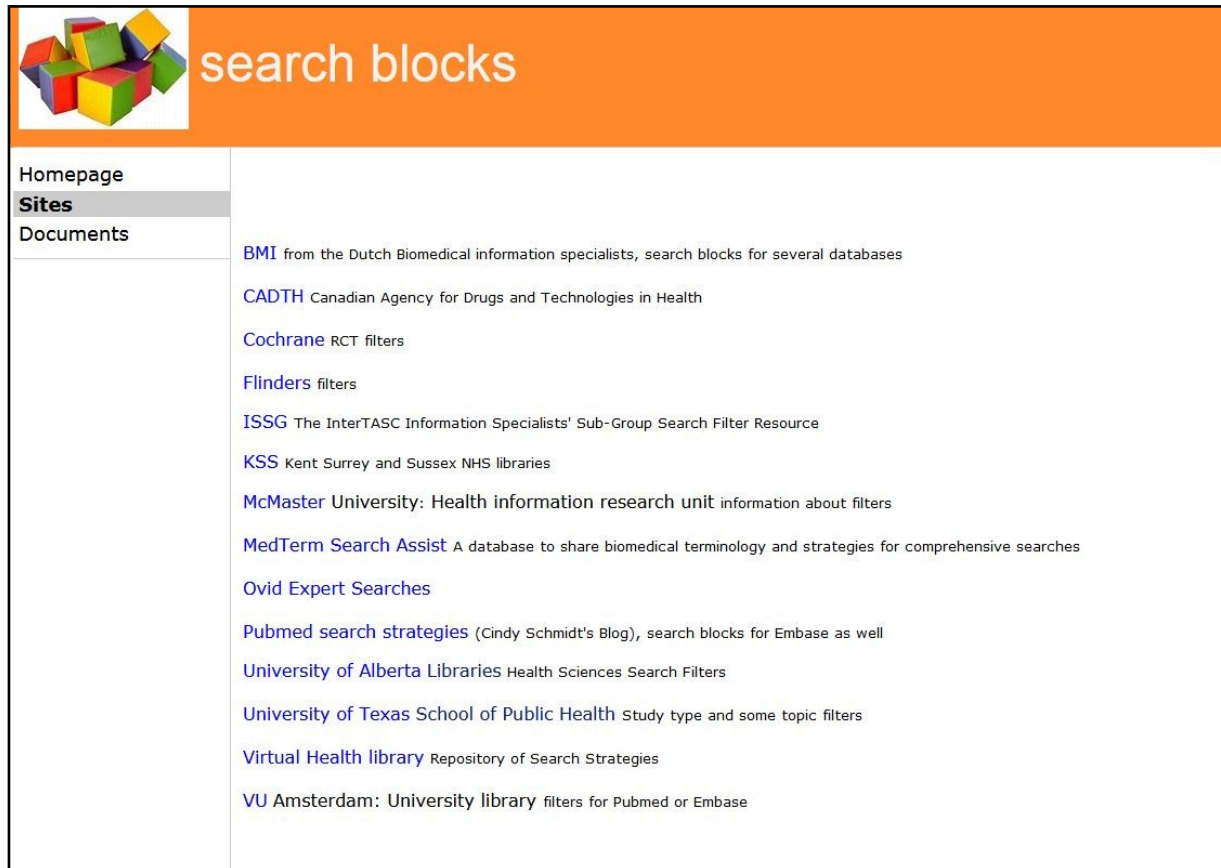
13. Recopilación de filtros de la EAHIL

https://sites.google.com/site/eahilblocks/a-c

Recopila filtros emblemáticos como los de Cochrane, por ejemplo.

Bibliografía

- Arencibia Jorge R, Perezleo Solórzano L, Araújo Ruiz JA. Los filtros metodológicos como herramientas eficaces para la búsqueda de evidencias clínicas. Acimed. 2004; 12(3) . [Consultado el 15 de marzo de 2017]; Disponible en: http://bvs.sld.cu/revistas/aci/vol12_3_04/acisu304.htm

-Campos Asensio C. Pubmed avanzado. [Consultado el 15 de marzo de 2017]; Disponible en : https://es.slideshare.net/ccampos/pub-med-avanzado-oct2016aslideshare

-Glanville J. Search filters-what are they good for? EAHIL; 2017. [Consultado el 15 de marzo de 2017]; Disponible en: https://eahilcpd.wordpress.com/webinar-toolkit/search-filters-what-are-they-good-for/