

'Search Filters': Helping get evidence into practice

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Outline

- About CareSearch
- Literature, evidence and research
- Challenges in finding literature
- Why a search filter?
- Developing search filters

About CareSearch

- Palliative care resource
 - Evidence based
 - Online
- Audience
 - Health professional
 - Patients, carers, families
- Funded by DoHA



Literature, evidence and research

- Research
 - What is known to be effective
- Evidence
 - Clinical decisions
 - Policy making
 - Service delivery
- Literature
 - Mechanism for making research available



Challenges in finding literature

- Published?
- In a bibliographic database?
- Indexed? Thesaurus?
- Rights to access?
- Specific interface
- Skills of searcher



Why a search filter?

- “Evidence based” search = known effectiveness
- Benefits
 - Saves time
 - Increases likelihood of quality retrievals
 - Removes individual search burden
 - Embeds technical expertise
 - Facilitates knowledge translation



How do you develop a search filter?

- Not an expert search
 - Research activity
- Requirements
 - Expert Advisory Group
 - Filter Development Process
- PubMed

Expert Advisory Group

- Ensure clinical/functional utility
- Tasks
 - Study parameters
 - Term identification and term priority
 - Most appropriate gold standard
 - Post hoc relevance assessment

Filter Development

- Gold Standard
- Term Selection
- Search Testing
- Post hoc relevance



PubMed

- Why PubMed?
 - Open access, free to use
 - Hyperlinking
- Translation
 - Equivalence study: Indexed Set
 - Missing items study: Non-indexed Set
- Search URLs



PubMed: Palliative care filter

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advance care planning[mh] OR attitude to death[mh] OR
bereavement[mh] OR terminal care[mh] OR hospices[mh] OR life
support care[mh] OR palliative care[mh] OR terminally ill[mh] OR
death[mh:noexp] OR palliat*[tw] OR hospice*[tw] OR terminal
care[tw] OR 1049-9091[is] OR 1472-684X[is] OR 1357-6321[is] OR
1536-0539[is] OR 0825-8597[is] OR 1557-7740[is] OR 1552-
4264[is] OR 1478-9523[is] OR 1477-030X[is] OR 0749-1565[is] OR
0742-969X[is] OR 1544-6794[is] OR 0941-4355[is] OR 1873-
6513[is] OR 0145-7624[is] OR 1091-7683[is] OR 0030-2228[is] OR
((advance care plan*[tw] OR attitude to death[tw] OR
bereavement[tw] OR terminal care[tw] OR life supportive care[tw]
OR terminally ill[tw] OR palliat*[tw] OR hospice*[tw] OR 1049-
9091[is] OR 1472-684X[is] OR 1357-6321[is] OR 1536-0539[is] OR
0825-8597[is] OR 1557-7740[is] OR 1552-4264[is] OR 1478-
9523[is] OR 1477-030X[is] OR 0749-1565[is] OR 0742-969X[is] OR
1544-6794[is] OR 0941-4355[is] OR 1873-6513[is] OR 0145-
7624[is] OR 1091-7683[is] OR 0030-2228[is]) NOT Medline[sb])
AND English[la]

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The screenshot shows the CARESEARCH website interface. On the left, there is a navigation menu with various categories. The 'Publications' link is highlighted with a red circle. The main content area displays the 'Publications' page, which includes a search bar, a list of publications, and a sidebar with categories like 'Patient problems', 'Specific needs', 'Issues relating to care & treatment', 'Health professionals', and 'Discussion and conditions'. The CARESEARCH logo is visible at the top of the page.

The screenshot shows the CARESEARCH website interface for 'Depression Publicated Search'. The main content area displays the search results, including a search bar, a list of search results, and a sidebar with categories like 'Patient problems', 'Specific needs', 'Issues relating to care & treatment', 'Health professionals', and 'Discussion and conditions'. The search results are listed in a table format, with columns for 'Title', 'Author', and 'Date'. A red circle highlights the search results section.

The screenshot shows the CARESEARCH website interface for 'Publications'. The main content area displays the search results, including a search bar, a list of search results, and a sidebar with categories like 'Patient problems', 'Specific needs', 'Issues relating to care & treatment', 'Health professionals', and 'Discussion and conditions'. The search results are listed in a table format, with columns for 'Title', 'Author', and 'Date'. A red circle highlights the search results section.

As easy as 1-2-3

CareSearch Search Filters

- Current Filters
 - Palliative care
 - Heart failure
 - Lung cancer, NSCLC and SCLC
 - Primary health care
- Coming soon
 - Residential aged care facilities
 - Dementia
 - Bereavement

Outcomes

- Usage
 - Each PCF PubMed search is used between 3 and 20 times per day
- PCF Effectiveness Study
 - Clinician searches are basic
 - PCF outperforms clinicians searches
 - PubMed searches identified literature the health professionals hadn't found

Conclusion

Search filters support knowledge use:

- Known retrieval
- Facilitated access
- Continuous currency





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