Developing an Effective Literature Search Strategy
By Min-Lin Fang, MLIS

Research Question (one searchable sentence)

Effectiveness of malaria control

Concept List. Your Initial Search Phrase(s)/keywords searched

1 malaria control
2 outcome
3 evaluation

1. Run a title [ti] or title/abstract word [tiab] search with your own keywords
2. Fish for appropriate MeSH terms from 2 or 3 most relevant article.

**MeSH/Search Terms (CONCEPTUAL GROUPING)**

<table>
<thead>
<tr>
<th>Concept</th>
<th>Synonym 1</th>
<th>Synonym 2</th>
<th>Synonym 3</th>
<th>Synonym 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concept 1</td>
<td>Malaria control</td>
<td>Malaria/prevention and control [mh]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept 2</td>
<td>“Outcome assessment”</td>
<td>Outcome assessment (health care) [mh]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Concept 3</td>
<td>evaluation</td>
<td>Program evaluation [mh]</td>
<td>Evaluation studies [pt]</td>
<td></td>
</tr>
<tr>
<td>Concept 4</td>
<td>effective</td>
<td>effectiveness</td>
<td>efficacy</td>
<td></td>
</tr>
</tbody>
</table>

3. Create search line for each separate concept.
   - **Concept 1**
     "malaria control" OR "malaria vector control" OR "malaria prevention" OR malaria/prevention and control [mh]
   - **Concept 2**
     “outcome assessment” OR outcome assessment health care [mh]
Concept 3
Evaluation or program evaluation [mh] OR evaluation studies [pt]

Concept 4
Effective* OR efficacy

4. Use the search history/search builder (Advanced link) to build a more complex search.

((("malaria control" OR "malaria vector control" OR "malaria prevention" OR malaria/prevention and control [mh])) AND (((evaluation OR program evaluation [mh] OR evaluation studies [pt]) OR ("outcome assessment" OR outcome assessment health care [mh])))) AND (effective* OR efficacy) (1015)

Refine your search using FILTERS (publication types, ages, language, publication years, etc.), subheadings or MAJOR or EXPLODE.

You may add the filters on the left-hand column to refine your search results.

Search results were refined from 1015 references down to 29 studies by using filters systematic reviews and published in English and past 5 years.