Matas Instruction
Intermediate PubMed: MeSH, Advanced Search, MyNCBI
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Index Medicus

Subject Headings → MESH
What is a concept?

Concept Structure in MeSH

Terms in a MeSH record which are strictly synonymous with each other consist of one or more Concepts, and each Concept consists in one o

Cardiomegaly [Descriptor]
  Cardiomegaly
  Cardiomegaly
  Enlarged Heart
  Heart Enlargement
Cardiac Hypertrophy
  Cardiac Hypertrophy
  Heart Hypertrophy

Format your search by creating synonyms and combining concepts
### Developing a search strategy worksheet for PubMed

**Topic:** problems associated with giving flu vaccines to individuals with egg allergies

<table>
<thead>
<tr>
<th>Concept 1: Flu vaccine</th>
<th>AND</th>
<th>Concept 2: problems</th>
<th>AND</th>
<th>Concept 3: Egg allergy</th>
<th>AND</th>
<th>Concept 4:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Synonyms:</strong> ME SH terms</td>
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<tr>
<td><strong>Concepts:</strong> keywords</td>
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</tbody>
</table>

**Tip:** Go from broad terms to narrow terms, use both keywords and controlled vocabulary combined using AND and OR, think of alternative spellings, use of plurals, and capital letters for proper nouns.
**Topic:** how does oil spill clean up work and ambient air pollution affect lung function of workers?

**Concepts:**

1. **Oil spill**
2. **Clean-up work**
3. **Ambient air pollution**
4. **Lung function**

**Synonyms:**

- Oil spill
- Clean-up work
- Ambient air pollution
- Lung function

**Concepts:**

- Oil spill
- Clean-up work
- Ambient air pollution
- Lung function

**Tip:** Go from broad terms to narrow terms. Use both keywords and controlled vocabulary combined using AND and OR, think of alternative spellings, use of plurals, and capital letters for proper nouns.
Topic: how does oil spill clean up work and ambient air pollution affect lung function of workers?

Concept 1: Oil spill
Concept 2: Clean-up work
Concept 3: Ambient air pollution
Concept 4: Lung function

Petroleum pollution
Environmental restoration and remediation
Air pollution
Respiratory physiological phenomena

Tip: Go from broad terms to narrow terms, Use both keywords and controlled vocabulary combined using AND and OR, think of alternative spellings, use of plurals, and capital letters for proper nouns
Saving Searches in MyNCBI

Format your search by creating synonyms and combining concepts.
THANK YOU
AND
HAVE A GREAT SEMESTER

Please complete a short survey to help us improve our instruction

http://tulane.co1.qualtrics.com/SE/?SID=SV_ePdJnRodiwp62Y4