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| **Audio & OST** | **Description** | **Screen** |
| Step 1: Starting the PubMed Clinical Query  ***Audio:*** *When you click on PubMed@UCI, it takes you to PubMed. Notice the long web address at the top? This is because you came in through the UCI Libraries’ website. Look at the left navigation bar. Follow the cursor to Clinical Queries.*  Here we are at the familiar home page for the Grunigen Medical Library. We’re here to find articles on PubMed so let’s go there straight away. | On this screen, the Captivate tutorial of pubmed.gov begins.   1. Highlight URL 2. Click on Clinical Queries |  |
| Step 2: Making your Search Selections  AUDIO  *You are now in PubMed Clinical Queries where you can enter your PICO search terms (1). By default, the study category for “therapy” (2) and “narrow, specific search” (3) is selected. To find the difference between a “narrow, specific search” and a “broad, sensitive search,” click on the filter table (4) link.*  A new window for Pub. Med opened. Notice the lengthy web address at the top of the page. That’s because we arrived here directly from the library’s website.  Now that we’re here, let’s scroll down to Clinical Queries, which is where we need to enter our search terms. | Highlight four things:   1. PubMed Clinical Queries 2. then move to selecting “therapy” 3. move up to select “narrow, specific search” 4. (4) click on the “filter table” |  |
| What is a specific and narrow search for a therapy question?  When you select “specific / narrow,” in PubMed Clinical Queries, the search algorithm will add the words “randomized,” “controlled,” and “trial” as a publication type or in the title or abstract to your search terms. Selecting “sensitive / broad” will broaden your search results to articles that may not be randomized, controlled trials, e.g. cohort studies.  A few things to point out here. Notice that therapy is the default category, which we’ll keep, and the scope default is narrow, specific, which we’ll also keep. If you’d like to know the difference between these two scopes, click filter table. This tells us that if we select “narrow, specific” we are limiting ourselves to studies that contain controlled, randomized trials. |  |  |
| Step 2: Asking your Clinical Question  Remember PICO? The PICO components are shown in the table here. The purpose of creating the PICO in the EBP process was to define your search terms and make it easier to identify relevant studies. Watch as the researcher types the search terms in the PubMed search box.  “Acute Otitis Media” is the problem, and “antibiotics” is the proposed intervention. We elected not to include the treatment comparison terms because the terminology (“no treatment,” “watchful waiting,” or “observation”) is not consistent in the medical literature. We also did not use the desired outcome (pain and fever reduction) in this search sample because it will restrict our search result too much and may result in missing some valuable studies. | Type in acute otitis media AND antibiotics in the search box.  Click “Go” | |  |  | | --- | --- | | Patient / Problem | Infants with acute otitis media | | Intervention | Antibiotics (Amoxicillin) | | Comparison | No treatment / Watchful waiting (Observation) | | Outcome | Reduce symptoms (fever and ear pain) | |
| Your preliminary search results from PubMed Clinical Queries returned 288 results. The first four are listed below. Now you can further limit your results by clicking on the Limits tab in the top left corner.  Audio:  *288 results may be too much for you to appraise. To further narrow your search results, click the PubMed Limits tab.* | Click Limits tab |  |
| Step 3: Further limit your search | First show the tab Limits with the cursor, then select Humans, then articles within the past 5 years, then All Infants under “Ages.” |  |
| Step 4: Limit your Search Results  For this example, we want to limit our results to studies published in the last 5 years, in English, involving human subjects, and limited to studies of infants from birth to 23 months. Do not select the Type of Article, since PubMed automatically limits your search to the relevant type of article.  *AUDIO:*  *Notice that you have moved over to the tab LIMITS at the top of the screen. Select these four criteria: published in the last 5 years, in English, humans, and infants from birth to 23 months* | Please show the Limits tab first and then the article, according to the audio script. We are selecting article # 8. If a screen shot makes the print too small to read, can we do a scrolling web page shot? |  |
| Step 5: Select an Article  Choose an article that seems the most relevant. Let’s select the one by Spiro et al.  **Audio**  *Note that the Limits tab now has a check mark.* |  |  |
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