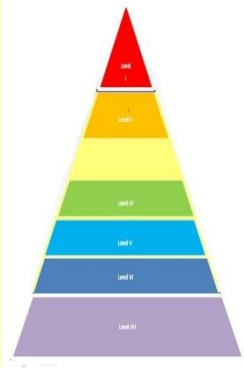


## PICOT Questions >Types of Evidence > Databases

Type of Clinical Question	<b>Primary Research</b> Use <b>CINAHL</b> and Medline to find: <ul style="list-style-type: none"> <li>• Randomized controlled trials (RCT)</li> <li>• Controlled Trials</li> <li>• Case-control studies</li> <li>• Cohort studies</li> <li>• Descriptive studies</li> <li>• Qualitative studies</li> <li>• Instrument development research</li> </ul>	<b>Synthesized Research</b> (Secondary Literature) Use <b>Cochrane</b> , <b>CINAHL</b> , and Medline to find: <ul style="list-style-type: none"> <li>• Systematic reviews</li> <li>• Meta-analyses</li> </ul>	<b>Other Evidence</b> (Secondary Literature) Use <b>CINAHL</b> , <b>NGC</b> , Medline, Joanna Briggs Inst., Nursing, Healthcare, and Government Organizations to find: <ul style="list-style-type: none"> <li>• Clinical practice guidelines</li> </ul> Use Published clinical articles (not research based), peer institution practices, Expert clinician practices to find: <ul style="list-style-type: none"> <li>• Expert opinion</li> </ul>
<b>Therapy</b> “What is the best treatment or intervention?”	Randomized controlled trials (RCT), Controlled trials	Systematic reviews	Clinical practice guidelines
<b>Prevention</b> “How can I prevent this problem?”	Randomized controlled trials (RCT), Controlled trials	Systematic reviews	Clinical practice guidelines
<b>Diagnosis / Assessment</b> “What is the best way to assess or best diagnostic test for this patient?”	Instrument development research		<div style="background-color: #ffffcc; padding: 5px;"> <p><b>Evidence Pyramid</b>  <b>Look for the highest level of evidence appropriate for your clinical question.</b></p>  <p><u>Level 1:</u> Systematic Reviews &amp; Meta-analysis of RCTs; Evidence-based Clinical Practice Guidelines</p> <p><u>Level 2:</u> One or more RCTs</p> <p><u>Level 3:</u> Controlled Trials (no randomization)</p> <p><u>Level 4:</u> Case-control or Cohort study</p> <p><u>Level 5:</u> Systematic Review of Descriptive and Qualitative studies</p> <p><u>Level 6:</u> Single Descriptive or Qualitative Study</p> <p><u>Level 7:</u> Expert Opinion</p> </div>
<b>Causation</b> “What causes this problem?”	Cohort, Case control, Descriptive, or Qualitative studies	Systematic reviews	
<b>Prognosis</b> “What are the long term effects of this problem?”	Cohort or descriptive studies	Systematic reviews	
<b>Meaning</b> “What is the meaning of this experience for patients?”	Qualitative studies	Systematic reviews	