

## Lesson Plan: An introduction to critical appraisal

Aim: To provide an introduction to critical appraisal methods

Objectives: At the end of this session you will be able to:

1. Recognize different types of research study
2. Identify the different parts of an article and know how to extract the information you need from each part
3. Use a checklist to critically appraise a randomised controlled trial

Time	Activity	Method & Resources
0:00-0:03	<b>Introduction</b> <ul style="list-style-type: none"> <li>❖ Circulate sign in sheet.</li> <li>❖ Explain what we'll cover in this session.</li> </ul>	Sign-in sheet
0:03-0:18	<ul style="list-style-type: none"> <li>❖ Identify the study design exercise – participants to work on pairs or small groups to complete the exercise at:  <a href="http://catnipnw.pbworks.com/w/page/9403213/Study%20Design%3A%20Identify%20the%20Study%20Design">http://catnipnw.pbworks.com/w/page/9403213/Study%20Design%3A%20Identify%20the%20Study%20Design</a>, feedback as a group for the answers.</li> </ul>	Pair or small group work, cards for exercise, PowerPoint presentation for answers
0:18-0:23	<ul style="list-style-type: none"> <li>❖ Introduction to reading a paper – our top tips.</li> </ul>	PowerPoint slide
0:23-0:28	<ul style="list-style-type: none"> <li>❖ Definitions of internal and external validity.</li> </ul>	PowerPoint slide
0:28-0:38	<ul style="list-style-type: none"> <li>❖ Participants to read (or re-read) the paper for critical appraisal.</li> </ul>	Individuals reading
0:38-0:57	<ul style="list-style-type: none"> <li>❖ Critical appraisal of the paper using the CASP RCT tool:  <a href="http://docs.wixstatic.com/ugd/dded87_4239299b39f647ca9961f30510f52920.pdf">http://docs.wixstatic.com/ugd/dded87_4239299b39f647ca9961f30510f52920.pdf</a>.</li> </ul>	Group discussion, CASP tool
0:57-1:00	<ul style="list-style-type: none"> <li>❖ Time for questions and answers. Details of next session.</li> </ul>	Q&A