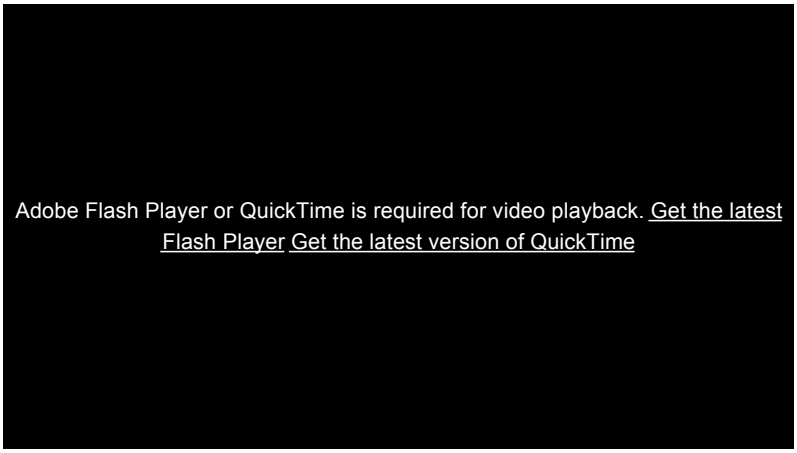
We use cookies to ensure that we deliver the best user experience of our website. If you would like to, you can change your cookie settings at any time. Continue

Critical appraisal

For help with critical appraisal please contact Rachel Posaner

Critical appraisal is the process of systematically assessing the evidence you find from carrying out a literature search, in terms of its relevance and reliability.



(Further You Tube videos from University of Sheffield) (http://www.youtube.com/channel/UC4Gwsx3LGg8v5ABZ9twEwLw?feature=watch)

Critical appraisal is important because it:

- ensures a thorough assessment of the paper
- ability to recognise the strengths and weaknesses of the research
- develops a better understanding of the research methods used
- provides the ability to relate the published research to your situation
- ensures any bias in the research is identified
- assists in the implementation of effective interventions in your clinical practice (Source: **University of Warwick) (http://www2.warwick.ac.uk/services/library/main/tealea/sciences/medicine/evidence/criticalappraisal/)**

Helpful resources

Critical Appraisal Skills Programm, (http://www.casp-uk.net/) CASP UK website

How to read a paper (http://www.bmj.com/about-bmj/resources-readers/publications/how-read-paper) , BMJ

Critical Appraisal, (http://www.cebm.net/index.aspx?o=1157) Centre for Evidence Based Medicine, University of Oxford

Critical Appraisal: Notes and Checklists (http://www.sign.ac.uk/methodology/checklists.html) , Scottish Intercollegiate Guidelines Network

Critical Appraisal, (http://www2.warwick.ac.uk/services/library/tealea/sciences/medicine/evidence/criticalappraisal/) Unversity of Warwick

Critically Analysing Information Sources, (http://olinuris.library.cornell.edu/ref/research/skill26.htm) Olin & Uris Libraries

© University of Birmingham 2014