Critical appraisal Information sheet

The following information and links have been put together to help you understand and be able to conduct critical appraisal in health and social care.

Toolkits and guides

ScHARR (School of Health and Related Research) includes links to numerous critical appraisal tools, guides and resources. http://www.sheffield.ac.uk/scharr/sections/ir/links/index

Centre for Evidence Based Medicine Toolbox - Resources for appraising information including a range of guides and tools for download. http://www.cebm.net/index.aspx?o=1157

Other useful resources

Critical Appraisal Skills Programme (CASP) aims to enable individuals to develop the skills to find and make sense of research evidence, helping them to put knowledge into practice. A number of tools have been developed to help with critically appraising articles of different types of research. These are available and free to download. http://www.casp-uk.net/

How to read a paper Trisha Greenhalgh (1997) Original articles published in the BMJ http://www.bmj.com/about-bmj/resources-readers/publications/how-read-paper

BestBETS critical appraisal worksheets: www.bestbets.org/links/BET-CA-worksheets.php

Health Knowledge - Online tutorial including guided appraisals of an RCT and a Systematic Review www.healthknowledge.org.uk/interactive-learning/finding-and-appraising-the-evidence

What is Critical Appraisal? Amanda Burls (2009)

http://www.whatisseries.co.uk/whatis/pdfs/What is crit appr.pdf

CATmaker is a software tool produced by the Centre for Evidence-Based Medicine that helps you to create Critically Appraised Topics (CATs), for the key articles you find on therapy, diagnosis, prognosis, aetiology/harm and systematic reviews of therapy. http://www.cebm.net/mod_product/uploads/catmaker.zip

Information Literacy Resource Bank from Cardiff University for critically appraising published literature and web sites with links to resources and definitions of key terms https://ilrb.cf.ac.uk/evalinfo/index.html#page=General







Books

How to Read a Paper: The Basics of Evidence-based Medicine (4th Ed) Trisha Greenhalgh Wiley-Blackwell; 4th Edition 2010

Making Sense of Critical Appraisal, Olajide Ajetunmobi; Hodder Arnold, 2002

Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice, (2nd Ed) Gordon Guyatt, Drummond Rennie, Maureen O. Meade, and Deborah J. Cook. American Medical Association, 2008

Evidence-based Medicine: How to Practice and Teach it. Sharon E. Straus, Paul P. Glasziou, W. Scott Richardson, R.Brian Haynes (4th Ed Rev) Churchill Livingstone 2010



