

Overview of Research Skills Material (2008-2016)

Critical Appraisal

A. Exercises

Case-Control-Studies
Ecologic Studies
Diagnostic Studies
Cross-Sectional-Studies
Cohort Study
Excel-Sheet
Checklist: Critical Appraisal of papers

B. Presentations

Critical Appraisal ("Scientific Skills")
Critical Appraisal ("Scientific Skills Course", Kalies, Grote)

C. Texts

STROBE for case-control, cross-sectional, observational studies
How not to review a paper
How to review a paper
How to read a paper
How to read a Scientific Paper/Article

How to write a Scientific Paper

A. Presentations

How to write a good background
Mapping the Methods (How to write the methods section)
Mapping the Methods (How to write the methods section, part 2)
The autonomy of a scientific paper
How to write a paper (Rehfuss)
How to write a paper (Kalies, Schlipkötter)

Study Protocol

A. Exercises

Protocol outline (for 5 groups, 5 types of studies)

B. Presentations

How to write a grant protocol
How to write a protocol (Kalies, Grote)
How to write a protocol (Kalies, Grote) (2)
Study Protocol (Grill, Phillips)

Research Question

A. Exercises

PICO exercise (for 5 groups)

B. Presentations

Research Question (Grill, Phillips) (2x)

Research Question (Radon, Nowak)

PICO (Grill, Phillips)

Literature Search

A. Exercises

Literature Search (9 questions)

PubMed Practice (for 5 groups)

B. Presentations

Intro and PubMed (Phillips)

Literature Research, Online data mining (Geldmacher)

Literature Search and Endnote

Literature Search, Retrieval and Management (Grote) (3x)

C. Texts

Literature Search and Reference Management

Tips for online Data mining

Reference Management

A. Exercises

Endnote Practice (for 5 groups)

B. Presentations

Endnote X7.1

Literature Search and Endnote

C. Texts

Literature Search and Reference Management

Paraphrasing

A. Exercises

Paraphrasing Practice (for 5 groups)

Paraphrasing Text and Practice

B. Presentations

Plagiarism – Quoting, Summarizing, Paraphrasing (Phillips)

Ethics

A. Presentations

Ethical Issues

B. Texts

Checklist of Ethics (german)

Thesis Writing

A. Exercises

Example Thesis good and bad

Presentation Skills

A. Presentations

How to present scientific results

Conducting a study

A. Texts

Design and planning of epidemiological studies

Questionnaire Development

A. Presentations

Questionnaire development (Kantar Health)

Questionnaire development (Quante)

Surveymonkey (Fürst)

Data protection

A. Texts

Epidemiologie und Datenschutz (german)

Other

A. Presentations

Therapy studies (Crispin)

B. Texts

Good Epidemiological Practice