



Scientific Skills

Literature search

Endnote

How to cite





Lesson outline

- Lessons learned from online cases
- Literature search (09.15-10.45)
 - PubMed search on *own research question*
 - How to retrieve articles
 - Criteria based article search
- BREAK (10.45-11.00)
- Endnote/How to cite (11.00-12.30)
 - Create your own bibliography
 - Practice how to cite





Lessons learned

- Literature search:
 - Q1: Why should we perform a literature search?
 - Q2: Which databases do you know?
 - Q3: Which types of articles do you know
 - Q4: What does PICO mean?
 - Q5: What is publication bias?
 - Q6: What is a Boolean operator?
 - Q7: What is truncation?



Lessons learned

- How to cite:
 - Q1: Why should we cite somebody's work?
 - Q2: What is plagiarism? Different types of plagiarism?
 - Q3: Which citation styles do you know?
 - Q4: Should paraphrased sentences be cited?





Lessons learned

- Endnote:
 - Q1: How many have already used Endnote?
 - Q2: Which citation software do you know?



Literature search: your articles

- Based on your research/study question
 - Try to find the most relevant articles
 - Narrow down your search results using limitations and/or Boolean operators
 - Get to know the 'advanced search' option in PubMed
 - **Can you access your found articles?**



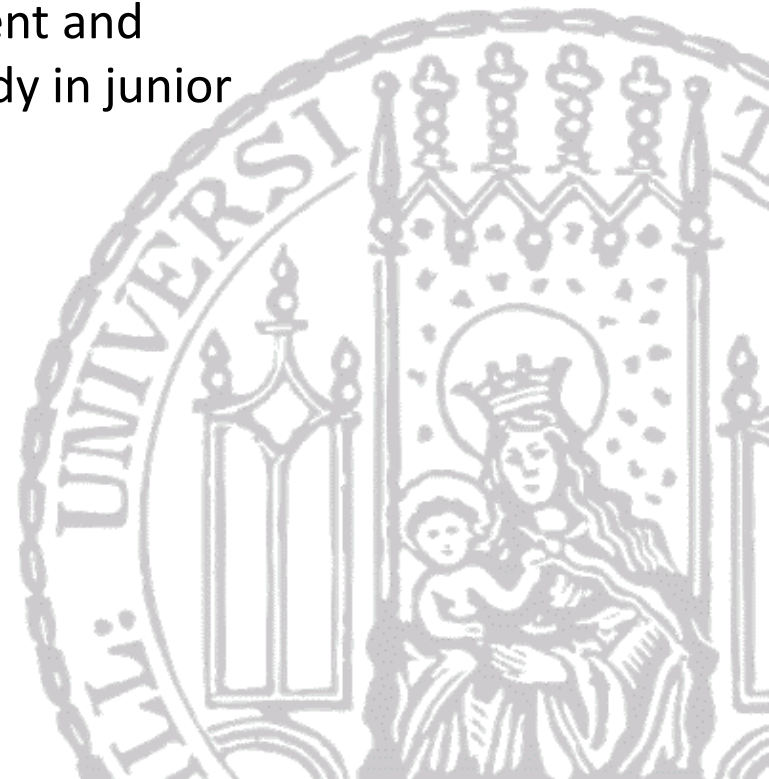
Literature search: find articles

- Article 1
 - Published: this year
 - Authors: Li J, Siegrist J
 - Search term 1: effort and reward
 - Search term 2: depression
- Study design?
- Exposure?
- Outcome?
- Population under study?



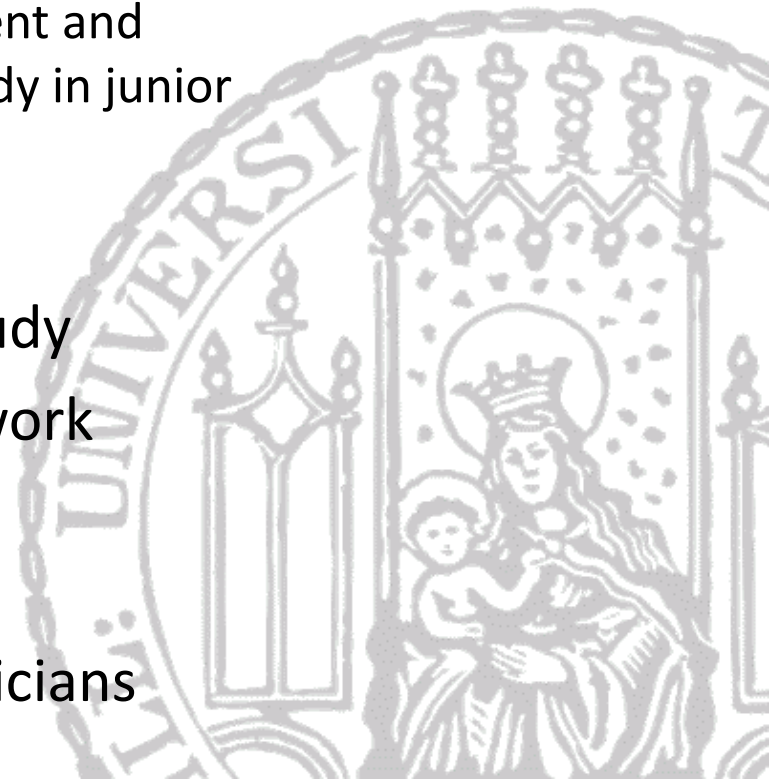
Literature search: find articles

- Article 1
 - Changes in psychosocial work environment and depressive symptoms: A prospective study in junior physicians
- Study design
- Exposure
- Outcome
- Population under study



Literature search: find articles

- Article 1
 - Changes in psychosocial work environment and depressive symptoms: A prospective study in junior physicians
- Study design = prospective cohort study
- Exposure = changes in psychosocial work environment
- Outcome = depressive symptoms
- Population under study = junior physicians



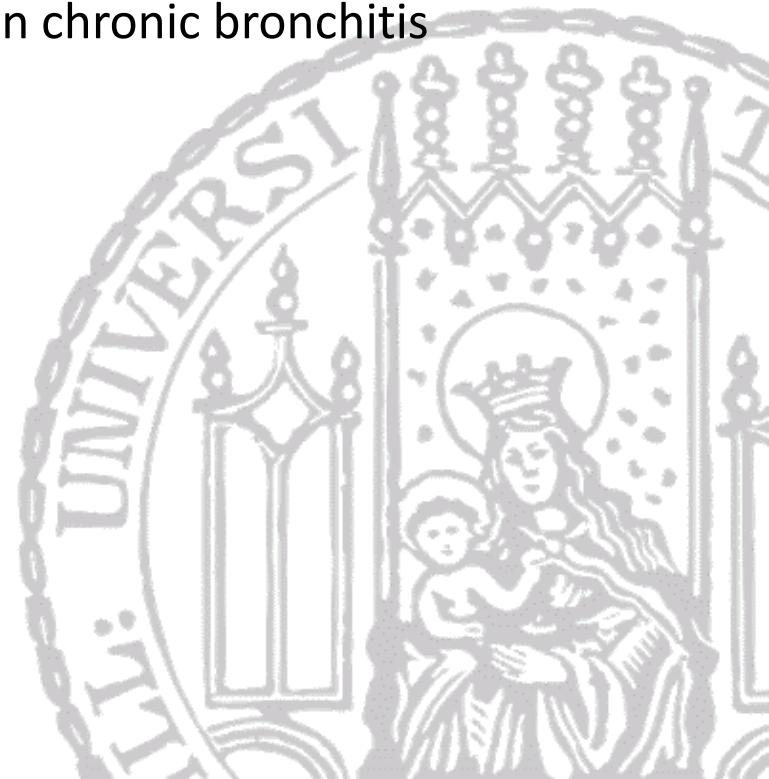
Literature search: find articles

- Article 2
 - Published: 2001-2002
 - Authors: Radon, K
 - About 1: healthy worker effect
- Study design?
- Exposure?
- Outcome?
- Population under study?
- What is HWE?



Literature search: find articles

- Article 2
 - Healthy worker effect in cohort studies on chronic bronchitis
- Study design?
- Exposure?
- Outcome?
- Population under study?
- What is HWE?



Literature search: find articles

- Article 2
 - Healthy worker effect in cohort studies on chronic bronchitis
- Study design = Meta-analysis
- Exposure (effect) = HWE
- Outcome = Symptoms of chronic bronchitis
- Population under study = various worker cohorts
- What is HWE = healthy hire effect + healthy survivor effect

Literature search: find articles

- Article 3
 - Journal: Hypertension
 - Search term 1: Japanese
 - Search term 2: shift work
- Study design?
- Exposure?
- Outcome?
- Population under study?



Literature search: find articles

- Article 3
 - Shift work is a risk factor for increased blood pressure in Japanese men: a 14-year historical cohort study
- Study design?
- Exposure?
- Outcome?
- Population under study?
- What is HWE?



Literature search: find articles

- Article 3
 - Shift work is a risk factor for increased blood pressure in Japanese men: a 14-year historical cohort study
- Study design = historical/retrospective cohort study
- Exposure = shift work
- Outcome = increased blood pressure
- Population under study = workers of a Japanese steel company

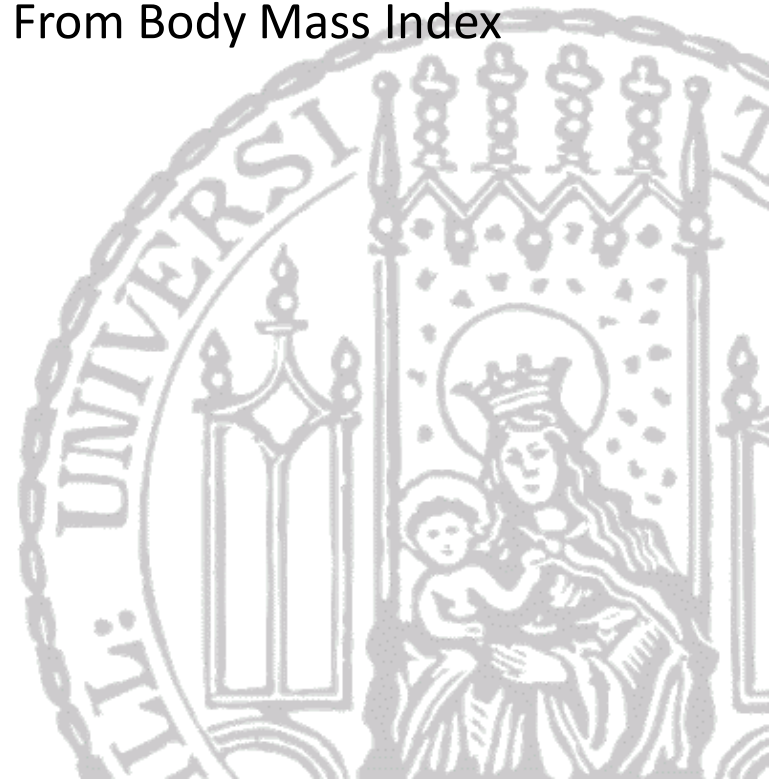
Literature search: find articles

- Article 4
 - Journal: American Journal of Epidemiology
 - Published: 2013
 - Author: Zheng H
- Study design?
- Exposure?
- Outcome?
- Population under study?



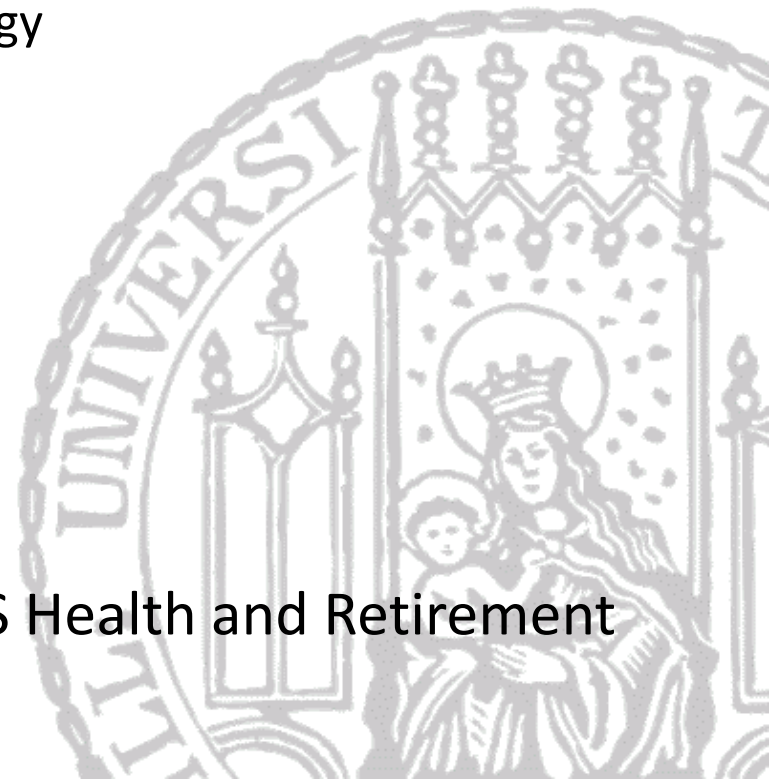
Literature search: find articles

- Article 4
 - Obesity and Mortality Risk: New findings From Body Mass Index Trajectories
- Study design?
- Exposure?
- Outcome?
- Population under study?



Literature search: find articles

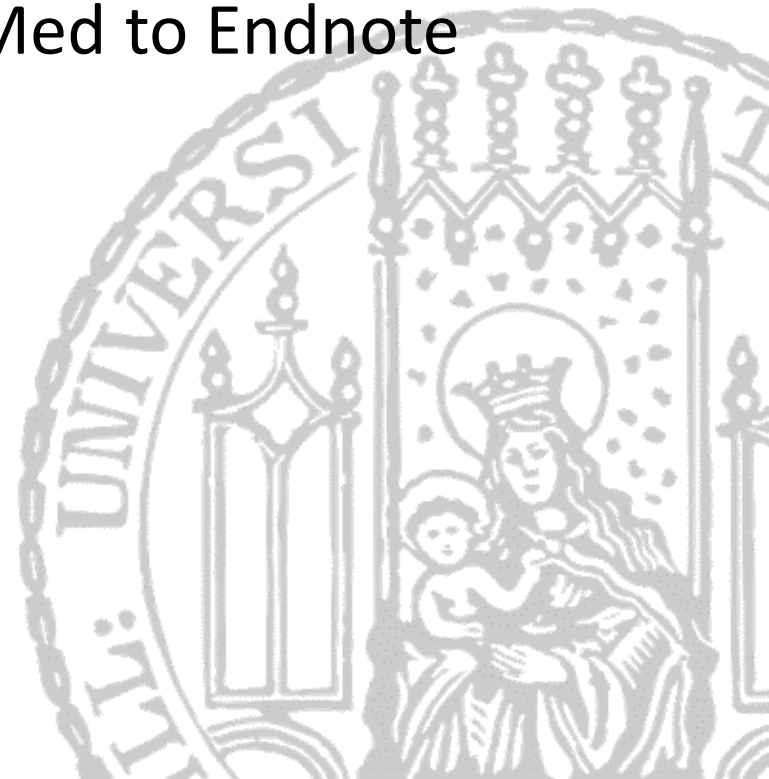
- Article 4
 - Journal: American Journal of Epidemiology
 - Published: 2013
 - Author: Zheng H
 - Search term 1: smoking
- Study design = cohort study
- Exposure = overweight
- Outcome = survival
- Population under study = adults in US Health and Retirement study





Endnote

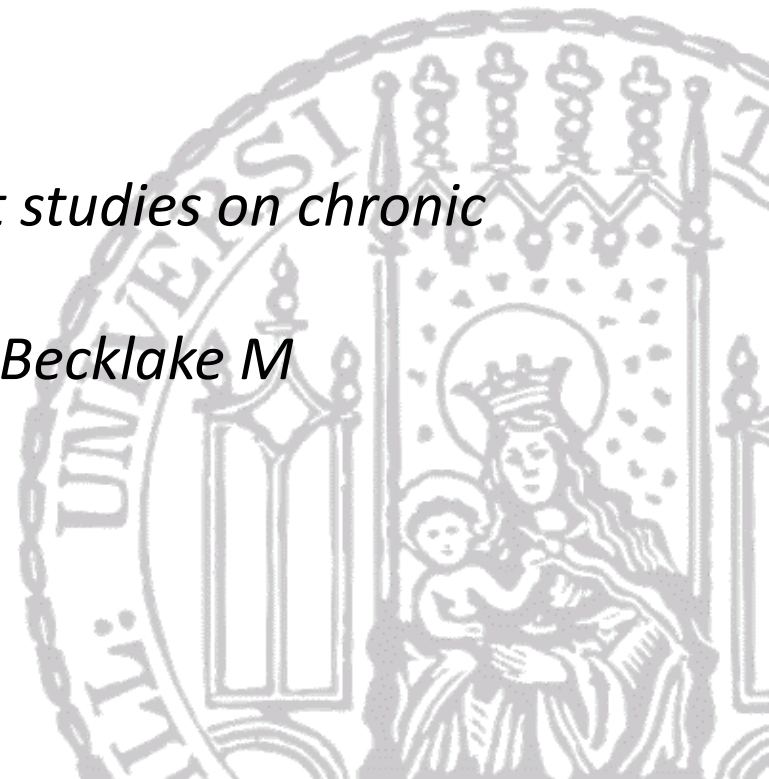
- Create you own bibliography:
 - Import articles found in PubMed to Endnote





Endnote

- Create you own bibliography:
 - Demonstration
 - Importing:
Healthy worker effect in cohort studies on chronic bronchitis
Author: K Radon, Goldberg M, Becklake M
Published: 2002





How to cite

- Based on your study question:
 - Write and Introduction to your topic (approximately 3 paragraphs)
 - Practice on inserting references using Endnote (cite while you write)

