

# Searching for reliable information online

## Start, objectives and assignment

### Lesson 1



***Paul Smits,  
Frank van Dijk***  
*Foundation Learning and  
Developing Occupational  
Health, LDOH*

# Getting acquainted with each other

- Your name and background
- Your expectations and learning objectives
- What do you expect from this workshop?
- What are your own learning objectives?
- What should we achieve these days?

# Learning objectives of the workshop

After the course, participants are able to:

## ***Knowledge***

- distinguish various sources appropriate to answer different questions
- know the difference between relevance and reliability of information

## ***Skills***

- formulate a clear answerable question, including a PICO
- carry out an efficient and transparent search, store information in a systematic way and derive adequate conclusions and recommendations

## ***Attitude***

- have a positive attitude toward searching and using online sources of information, based on pleasure and on the experience of usefulness

## ***Competence***

- write and present a clear evidence-based report on a practical health problem

# Workshop program

## Day 1

- Getting acquainted, learning objectives, outline program, assignment, criteria
- Lectures: introduction EBM and infrastructure, first steps PubMed
- Group work

## Day 2

- Quiz about the first day
- Lectures: advanced search in PubMed, search in aggregated sources and other online sources, quality
- Group work

## Day 3 (0.5 day)

- Reflection about day 2
- Group work
- Presentations of search processes and results, workshop evaluation

# Assignment and feedback criteria

Present a short and evidence-based advisory report on a practical health problem. In groups of 1-3 participants

Feedback criteria on the presentation including:

- One or a few clear and answerable questions (and a PICO)
- An efficient and transparent search description
- Results in the form of a well-formulated 'translation' of the information found into an advice for the client or into e.g. a management summary in easy to understand language

# EBM log in 7 steps

1. Short resume of the case / practice problem
2. What is your answerable health knowledge question?
3. What is the domain of the knowledge question? (intervention, etiology, prognosis, diagnosis, descriptive information, other)
4. Formulate the PICO
5. PubMed
  - search description
  - most relevant results
  - quality assessment of selected articles
  - usefulness of information for answering the question
6. Aggregated evidence and other sources (guidelines, reviews, reports, modules)
  - search description
  - most relevant results
  - quality assessment of selected documents
  - usefulness of information for answering the question
7. Conclusions and reflection

## To start:

### Formulate a relevant practice question

Describe an important knowledge problem in your job for which you can not give a reliable evidence-based answer and recommendation. The issue should be:

- Important for your clients or for another target group
- About health
- Where your knowledge is lacking or is from long ago
- Where your knowledge is not sufficient enough to give a complete answer

Write this practice problem down on a post-it, with your name

# Division into subgroups

- Stick your post-it on the flip over
- Discuss with others and find 1 or 2 other participants who want to work with you on that topic

# Success!

