

# Education in EBM in Denmark

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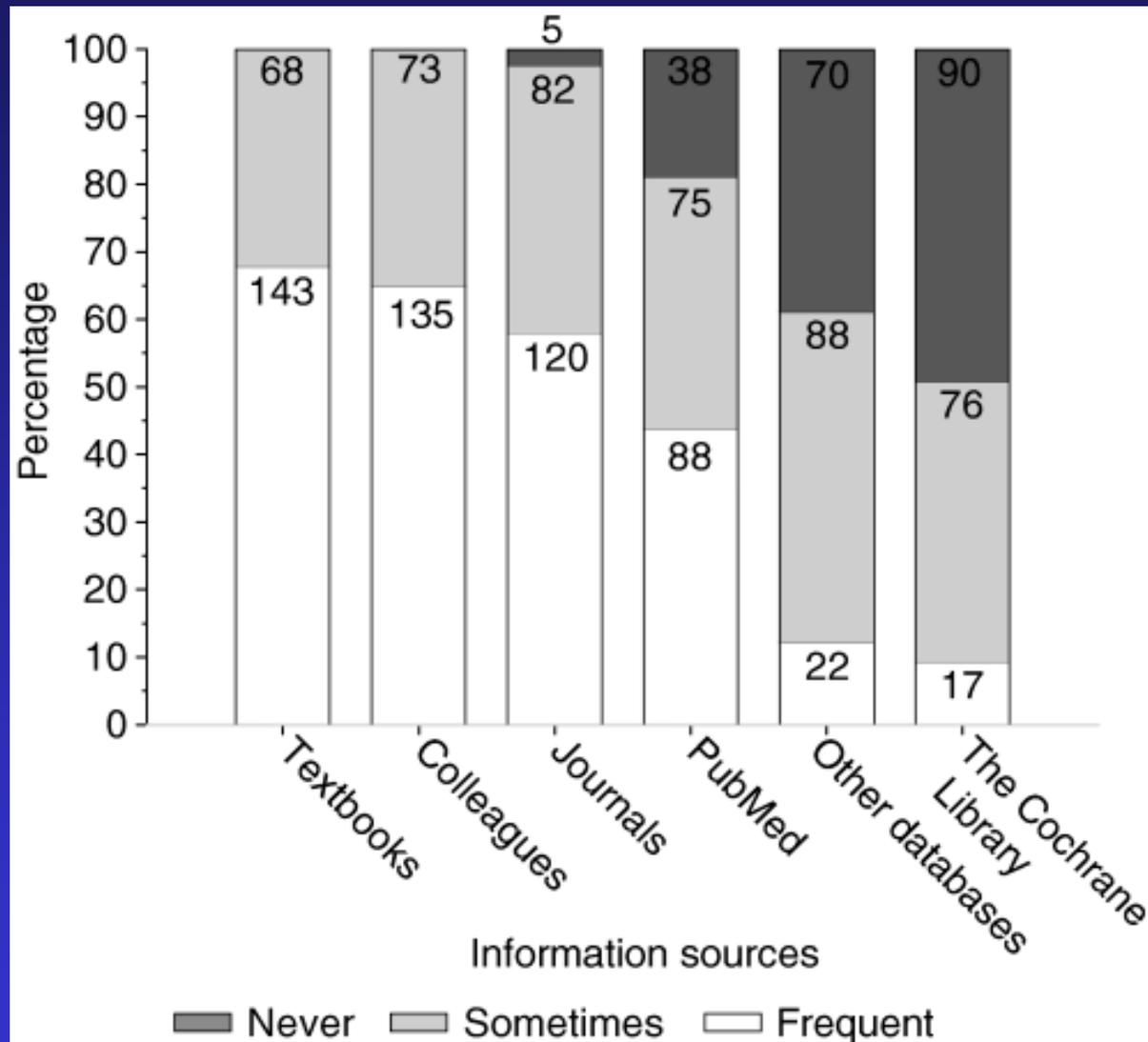
# Official policy

- “Medical specialist should be able to realize and further develop evidence based healthcare”
- Statement from a white paper on a reform of specialist education from 2000, which is now being implemented

# Doctors knowledge of EBM

- In 2000 Oliveri & al. sent a questionnaire to 376 doctors in a large Copenhagen hospital
- 225 (60%) answered
- They were representative for the doctors in the hospital
- How do you find answers to clinical questions
- They asked the doctors to define 12 EBM-related concepts of which one was a dummy

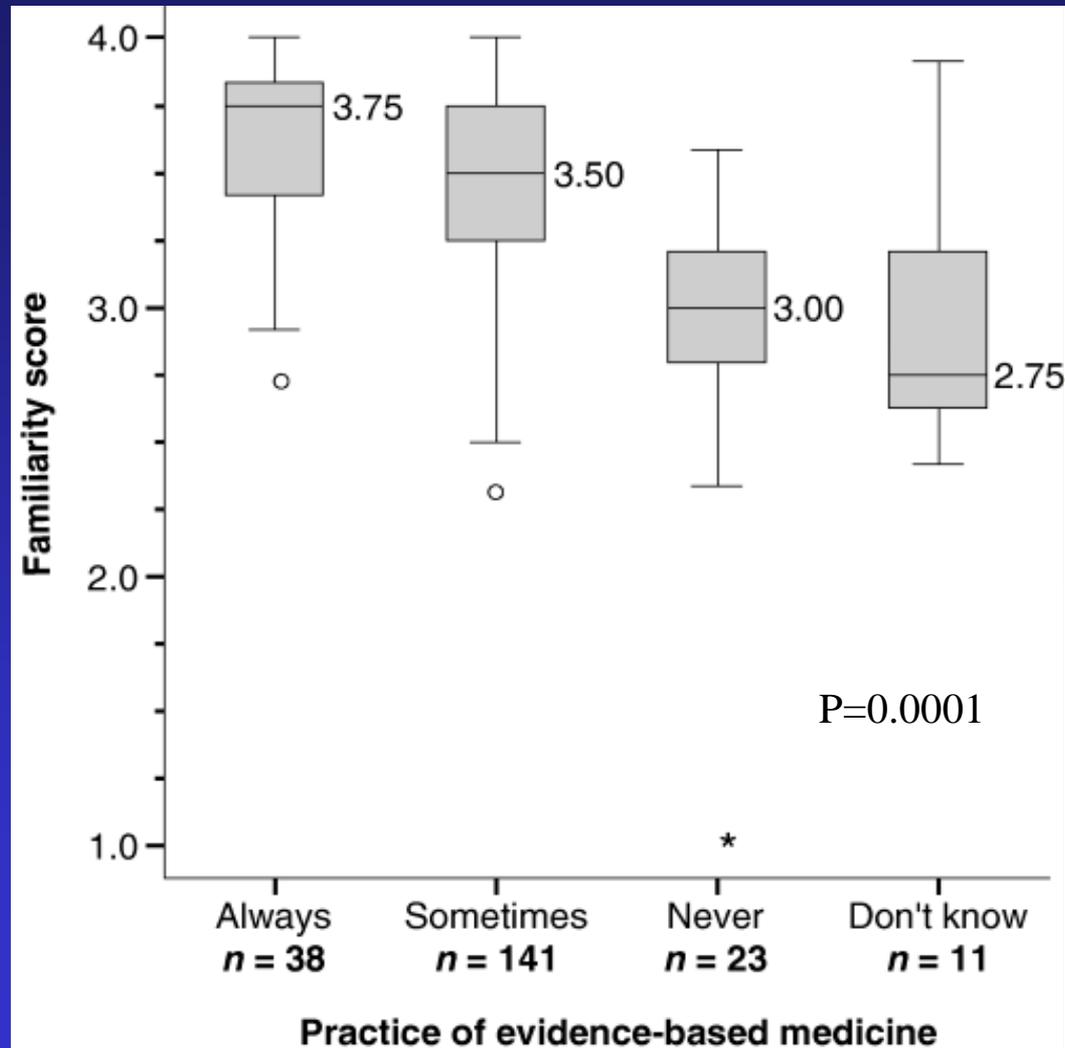
# How did doctors find answers to their clinical



# Answers to some other questions

- 63% stated to have deep knowledge of EBM
- 34% stated to have some knowledge
  
- 45% stated to have deep knowledge of NNT
- 40% stated to have some knowledge
  
- 5% stated to have deep knowledge of relative odds ratio reduction (RORR)
- 51% stated to have some knowledge

# Doctors self reported practise of EBM related to familiarity score of EBM-related terms



# Formal EBM education today

- During 2 years of specialist training in anaesthesiology and internal medicine the doctor should solve 12 clinical questions in writing (4-5 pages)
- From some patient records they define some key-questions, they do a literature search and evaluate critically some key references
- I have no information from other specialities
- PhD students in Copenhagen and Odense attend a formal course in EBM

# Informal training

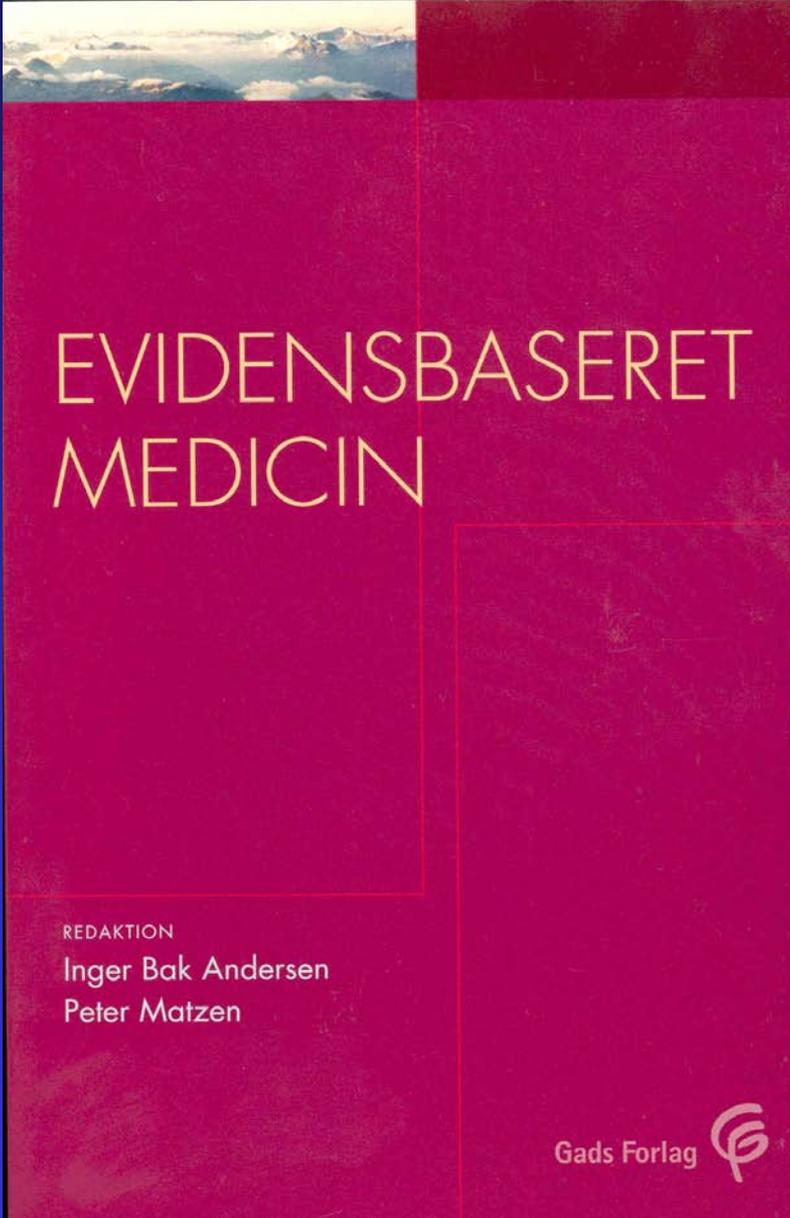
- During 8-9 years there have been multiple courses of EBM between a few hours to one week (Nordic Cochrane Centre)
- In many departments of internal medicine the weekly journal club has been replaced by an EBM-session
- In my own department once a week one of the young doctors have a day off in order to answer a clinical question and report on it the next week

# Medical students

- In the curriculum there is no particular mention of EBM
- EBM is introduced in a course on theory of medical science
- During problem based learning EBM is practised to some extent
- But - EBM is not very popular among medical students, because reading original papers is rather time consuming

# Paramedics

- Courses on EBM is integrated in postgraduate education for
  - Nurses
  - Physiotherapists
  - Occupational therapists
  - Midwives



# EVIDENSBASERET MEDICIN

REDAKTION

Inger Bak Andersen  
Peter Matzen

Gads Forlag 

**First Textbook on EBM in  
Danish language in 2005**

<http://www.gads-forlag.dk>

# The EBM-situation in Denmark

- There is official recognition of EBM as a goal for Danish healthcare
- Many good initiatives
  - Courses
  - EBM training
- Related topics
  - Evidence based national guidelines
  - National indicator project
- But still there is plenty of room for improvement