

# A ROLE OF MEDICAL LIBRARIANS IN EVIDENCE-BASED MEDICINE

## *CZECH EXPERIENCE*

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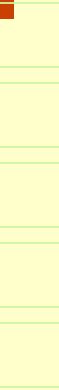
**Czech Republic**



# BACKGROUND

## In the beginning was.....

- ✿ International project „Learning Resource Centers in CEE countries“ supported by AIHA (Washington D.C)
- ✿ „aggressive“ plan: medical librarians as advocates of EBM in academic and healthcare settings
- ✿ preparatory workshop for librarians
  - EBM philosophy
  - Cochrane Library
  - epidemiology basics
  - critical appraisal of medical literature



# METHODOLOGY

## Continuing education of librarians

### PRACTICE STANDARD REVIEWS

#### ❁ Librarian's competences

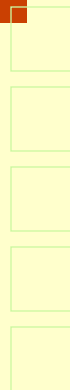
- Literature searching and study retrieval
- Preliminary assessment of studies for inclusion

#### ❁ Joint activities of clinicians and librarians

- Identification of the topic for the review
- Background research and problem specification
- Assessment of information quality, data extraction and synthesis

#### ❁ Clinician's competence

- Treatment recommendations

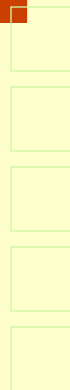


# METHODOLOGY

## Undergraduate medical studies

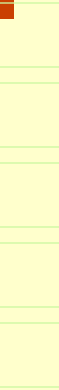
### CASE REPORTS

- ⊗ **efficient strategy in teaching clinical subjects**
- ⊗ **case scenario structure**
  - \* **well-built clinical question**
  - \* **search for evidence**
  - \* **interpretation, critical appraisal**
  - \* **informed diagnosis**
- ⊗ **facilitators**
  - \* **clinician-teachers**
  - \* **medical librarians**



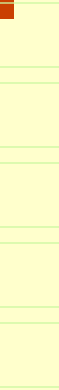
# RESULTS

- ❁ **Training courses by librarians for**
  - 💣 **medical librarians**
  - 💣 **undergraduate and postgraduate students**
  - 💣 **clinician-teachers**
  - 💣 **medical information end-users**
- ❁ **EBM in undergraduate and postgraduate curricula**
- ❁ **EBM working groups**
- ❁ **Book translation**
  - 💣 **How to read a paper: the basics of EBM**  
by T. Greenhalgh, BMJ Books 2001.



# CONCLUSIONS

- ❁ Teaching institutions should encourage EBM
- ❁ Clinician-educators should base their teaching practice on best evidence
- ❁ Students should provide feedback
- ❁ Librarians **must** meet demands of teachers and help them apply EBM
  - 💡 up-to-date, accessible, understandable, real-time information

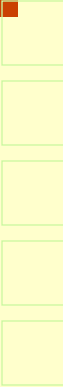


# EVIDENCE-BASED LIBRARIANSHIP

3 corner-stones to be respected



„Pondering, reflecting and ruminating are undervalued skills“  
(Dauten D. Management by joking around. Albuquerque Journal 1999).



# THANK YOU FOR YOUR ATTENTION

energise your thinking

