Getting Research Findings into Practice

Edith Clausen

10th International Congress on Medical Librarianship

2nd September 2009

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Why?

- well-being today
- rescue in the future
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Why?

♫ well-being today
♫ rescue in the future

Knowledge
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Why?

↗️ well-being today
↗️ rescue in the future

BUT ..........
In the good old days:
In general, 18th century physicians, made diagnoses by using their five senses: "feel the pulse, sniff for gangrene, taste the urine, listen for breathing irregularities, and look at the color of the skin and the eyes". [Roy Porter. "Medical Science," in Roy Porter, Cambridge Illustrated History of Medicine, 2001]
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Today you have seven roles as a doctor:

- medical specialist
- communicator
- cooperator
- leader/administrator
- health promoter
- academic
- professional
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Medical Research

- **objective**
  - basic research
  - applied research
  - development research

- **focus**
  - biomedical research
  - clinical research
  - public health research

- **methods**
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Research Communication

- relevance
- context
- method
  - Communication – low involvement – distant relation
  - Dialogue – medium involvement – medium relation
  - Participation – high involvement – close relation
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The Communication Model

Involvement

High

Participation

Dialogue

Communication

Relation

Close

Distant

Low

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The Concept of Knowledge

Plato

- a priori knowledge (epistemology)
- a posteriori knowledge (empiric)

Aristotle

- Episteme
- Techné
- Phronesis

Polanyi

- tacit knowledge
  - actual tacit knowledge
  - fundamental tacit knowledge
- explicit knowledge
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Knowledge - what is it?

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Experiences from Implementing Research Results

➤ Great Britain
➤ The Netherlands
➤ Denmark
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Models

- Evidence-Based Medicine – EBM
- The “Breakthrough Series’ Collaborative Method
- The Chronic Care Model
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### The Knowledge Model

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### The Communication Model

- Dialogue
- Relation
- High Participation
- Close Communication
- Low Communication
- Distant
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Praktiserende lægers linkside

Vær opmærksom på, at nogle links kan kræve login og password!

Daglige links

- Medibox
- Klinisk info
- State of the Art
- Sundhed.dk
- Praksisinformation i Region Midtjylland
- Praksis.dk Århus
- SportNetDoc
- KvaliDoc
- Lægemiddelstyrelsen
- Ventesider
- Institut for Rational Farmakoterapi

Klik for flere links

Myndigheder m.v.

- Indenrigs- og Sundhedsministeriet
- Sundhedsstyrelsen
- Region Midtjylland
- Sygehusa

Klik for flere links

Website for general practice

Daglige links

- Daily links
- Databases
- Periodicals
- Societies

Myndigheder m.v.

- Indenrigs- og Sundhedsministeriet
- Sundhedsstyrelsen
- Region Midtjylland
- Sygehusa

Klik for flere links

Søgemaskiner

- Google
- Scholar Google
- Scirus
- Vivisimo
- Teoma
- AG

Klik for flere links

Databases

- Bibliotek.dk
- Artikelbasen
- SveMed+
- PubMed - Medline
- EMBASE
- The Cochrane Library
- CANCERLIT
- AgeSource Worldwide
- PsycINFO
- Web of Science
- TRIP Database

Klik for flere links

Tidsskrifter

- Månedsskrift for praktisk lægehæring
- Ugeskrift for læger
- Practicus
- Lægen i midten
- Bibliotek for læger
- Scandinavian journal of public health
- BMJ
- JAMA
- Lancet

Klik for flere links

Faglige foreninger og organisationer

- Lægeforeningen
- PLO
- DSAM
- Dansk Medicinsk Selskab
- Jydsk Medicinsk Selskab
- Kræftens Bekæmpelse
- Hjerteforeningen

Klik for flere links

Forskningsenhederne for almen praksis i Danmark

- Forskningsbasen
- Forskningsfonden for almen praksis

Klik for flere links

Ordbøger/leksika

- Retskrivningsordbogen
- Ordbogen.com
- Ordbog over det danske sprog
- Medical Encyclopedia
- PharmaLexicon

Klik for flere links

Medicinalindustrien

- Boehringer Ingelheim
- Novo Nordisk Scandinavia
- Pfizer
- SmithKline Glaxo
- Løven

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### The Communication Model

- **Techné**
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- **Phronesis**
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Conclusions and perspectives

- communicate explicit knowledge
  - access to books, periodicals, reports et cetera
  - structured information on the internet and intranet
- online "helpdesk"
- facilitate the communication of tacit knowledge
  - acting as a moderator and a supporter
    - in the dialogue between the researcher and the practitioner
    - in the cooperation and participation in research activities
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Thank you for your attention!