Edith Clausen

10<sup>th</sup> International Congress on
Medical Librarianship

Why?

- well-being today
- rescue in the future

Why?

- well-being today
- rescue in the future

Knowledge

Why?

- well-being today
- rescue in the future

Knowledge

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]

### Today you have seven roles as a doctor:

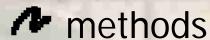
- medical specialist
- communicator
- cooperator
- leader/administrator
- health promotor
- ◆ academic
- professional

#### Medical Research

- objective
  - basic research
  - applied research
  - development research

#### **focus**

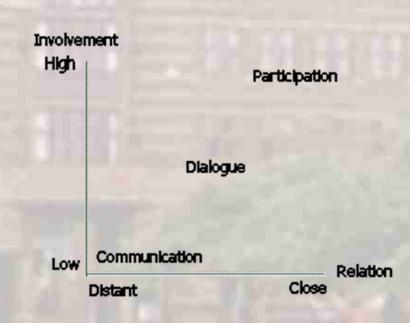
- biomedical research
- clinical research
- public health research



#### Research Communication

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

The Communication Model



#### 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

		Episteme	Techné	Phronesis
		A priori knowledge	A posterior	i knowledge
Explicit kr	nowledge	1. Medical knowledge in books, periodicals etc.	<b>2.</b> EBM, dinical guidelines, HTA	3. Regulations, decrees – ethical and political
	Actual tacit		<b>5.a</b> Experience, empathy, feelings, judgement	<b>6.a</b> Customs, practices, moral concepts
Tacit knowl.	Fundamen- tal tacit knowl.	Black box	<b>5.b</b> Metaphors, patterns in the expert domain	<b>6.b</b> Feelings, patterns of network, intuition

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Experiences from Implementing Research Results

- Great Britain
- The Netherlands
- Denmark

#### Models

- Evidence-Based Medicine EBM
- The "Breakthrough Series' Collaborative Method
- ♣ The Chronic Care Model

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#### Praktiserende lægers linkside

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

Søgemaskiner Seal

Klik for flere links

Scirus

Vivisimo

Teoma

A9

Google - Scholar Google

#### Website for general practice



MediBox Klinisk Info State of the Art Sundhed.dk

Praksisinformation i Region Midtiylland

Praksis.dk Århus SportNetDoc KvaliDoc

Lægemiddelstyrelsen

Ventetider

Institut for Rationel Farmakoterapi

Klik for flere links

Myndigheder m.v. Authorities

Indenrigs- og Sundhedsministeriet

Sundhedsstyrelsen Region Midtjylland Sygehuse

Klik for flere links

Databaser Nata

Bibliotek.dk Artikelbasen SveMed+

PubMed - Medline

**EMBASE** 

The Cochrane Library

CANCERLIT

AgeSource Worldwide

**PsycINFO** 

Web of Science

TRIP Database

Klik for flere links

#### Forskning Re

Forskningsenhederne for almen praksis i Danmark Forskningsbasen Forskningsfonden for almen praksis

Klik for flere links

Tidsskrifter Periodicals

Månedsskrift for praktisk

lægegerning Ugeskrift for læger

Practicus

Lægen i midten

Bibliotek for læger

Scandinavian journal of

public health

BMJ

JAMA Lancet

Klik for flere links

Ordbøger/leksika Dictionaries

Retskrivningsordbogen Ordbogen.com

Ordbog over det danske sprog

Medical Encyclopedia

Pharma-Lexicon

Klik for flere links

Faglige foreninger og organisationer

Lægeforeningen

PLO DSAM

Dansk Medicinsk Selskab Jydsk Medicinsk Selskab

Kræftens Bekæmpelse

Hierteforeningen

Klik for flere links

Medicinalindustrien

Boehringer Ingelhe Novo Nordisk Scandinavia

Pfizer

SmithKline Glaxo

Løven

Klik for flere links

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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!