## **German Network Evidence Based Medicine**



International Workshop on Evidence-based Public Health Munich November 17, 2010 David Klemperer



#### England 1955

USES OF EPIDEMIOLOGY

BY

J. N. MORRIS, M.R.C.P., D.P.H.

BRITISH MEDICAL JOURNAL

LONDON SATURDAY AUGUST 13 1955

CLINICAL
USES OF EPIDEMIOLOGY



#### Public Health gap 1933 – mid-1980ies

epidemiology/clinical epidemiology

practically nonexistent

"Public Health" 1933-1945



#### mid-1980-ies → new beginning

#### Zwischenbericht \*)

der Enquete-Kommission "Strukturreform der gesetzlichen Krankenversicherung" vom 31. Oktober 1988

gemäß Beschluß des Deutschen Bundestages vom 4. Juni 1987 - Drucksache 11/310 -





#### EBM before 2000

 1995 first publication in German language

Klemperer D. Qualität und Qualitätskontrolle in der Medizin. Der patientenzentrierte Qualitätsbegriff und seine Implikationen

- 1997 first EBM training courses
- 1998 German Cochrane Centre
- SHI Health Care Reform 2000 catalogue of benefits based on EBM



#### German Network for Evidence-Based Medicine

"professional society for methodology"

#### mission:

to advance the theory and to diffuse the practice of EBM with the aim of better health care decisions on the micro-, meso- and macrolevel

- founded in the year 2000
- multiprofessional, interdisciplinary
- scientific meetings, courses
- students, professionals, EBM-trainers
- The German Journal for Evidence and Quality in Health Care:
   Zeitschrift für Evidenz, Fortbildung und Qualität im Gesundheitswesen
- textbook "Evidenzbasierte Medizin in Klinik und Praxis"
- honorary member David Sackett



# the fist 10 years making EBM known presence and future plus



evidence into practice, integrity of science / conflict of interest, individualized medicine

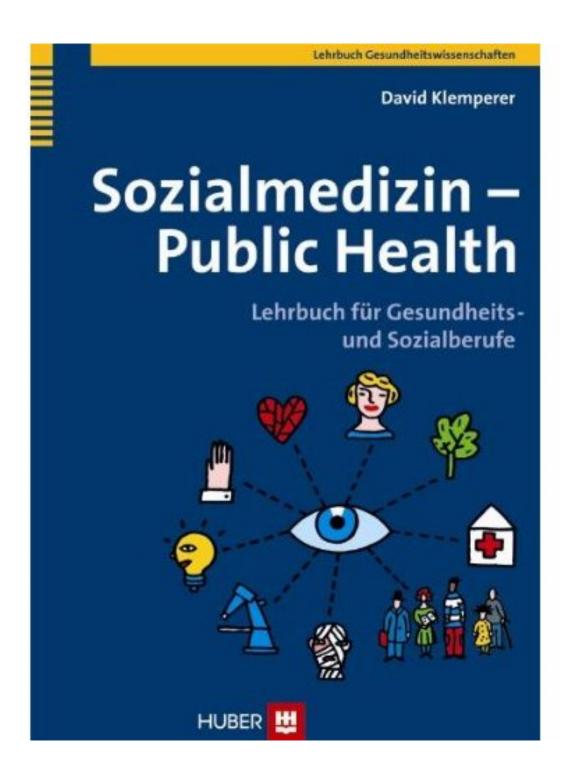
#### working groups, topics

education, training, guidelines, patient information / participation, health technology assessment, methodology, ethics, nursing, physiotherapy, dentistry (...)



#### Vision 2020

- all health care decisions on the micro-, meso-, macrolevel firmly founded on evidence / science
- DNEBM: no tasks / no work
- → dissolution



"What is the nature of the evidence in EBM? We suggest a broad definition:

any empirical observation about the apparent relationship between events constitutes potential evidence. (...)

The hierarchy makes it clear that any statement to the effect that there is no evidence addressing the effect of a particular treatment is a non sequitur."

Guyatt GH, Haynes RB, Jaeschke RZ, et al. (2000). Users' Guides to the Medical Literature: XXV.



#### evidence into practice

### Framework for design and evaluation of complex interventions to improve health

Michelle Campbell, Ray Fitzpatrick, Andrew Haines, Ann Louise Kinmonth, Peter Sandercock,
David Spiegelhalter, Peter Tyrer

BMJ 2000

Research article



#### Development of a theory of implementation and integration: Normalization Process Theory

May et al.BMC 2009

