

## Evidence Based Dentistry

# How to best implement evidence-based dentistry in underserved countries

Asbjørn Jokstad  
FDI Science manager

# Professional Practice

1. We want to do  
More Good than Harm

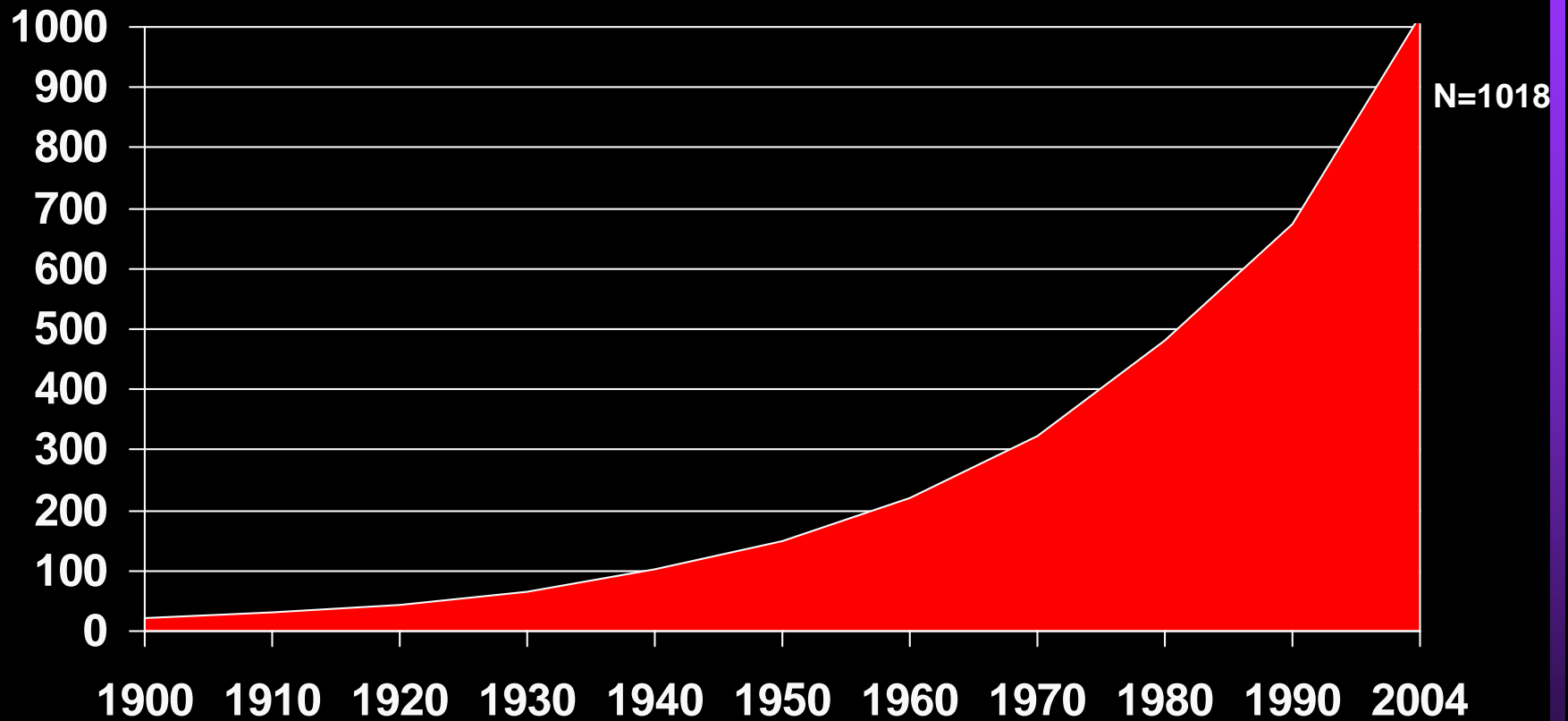
2. Our practice should be  
Science Based

# New Science

15/01/2009

3

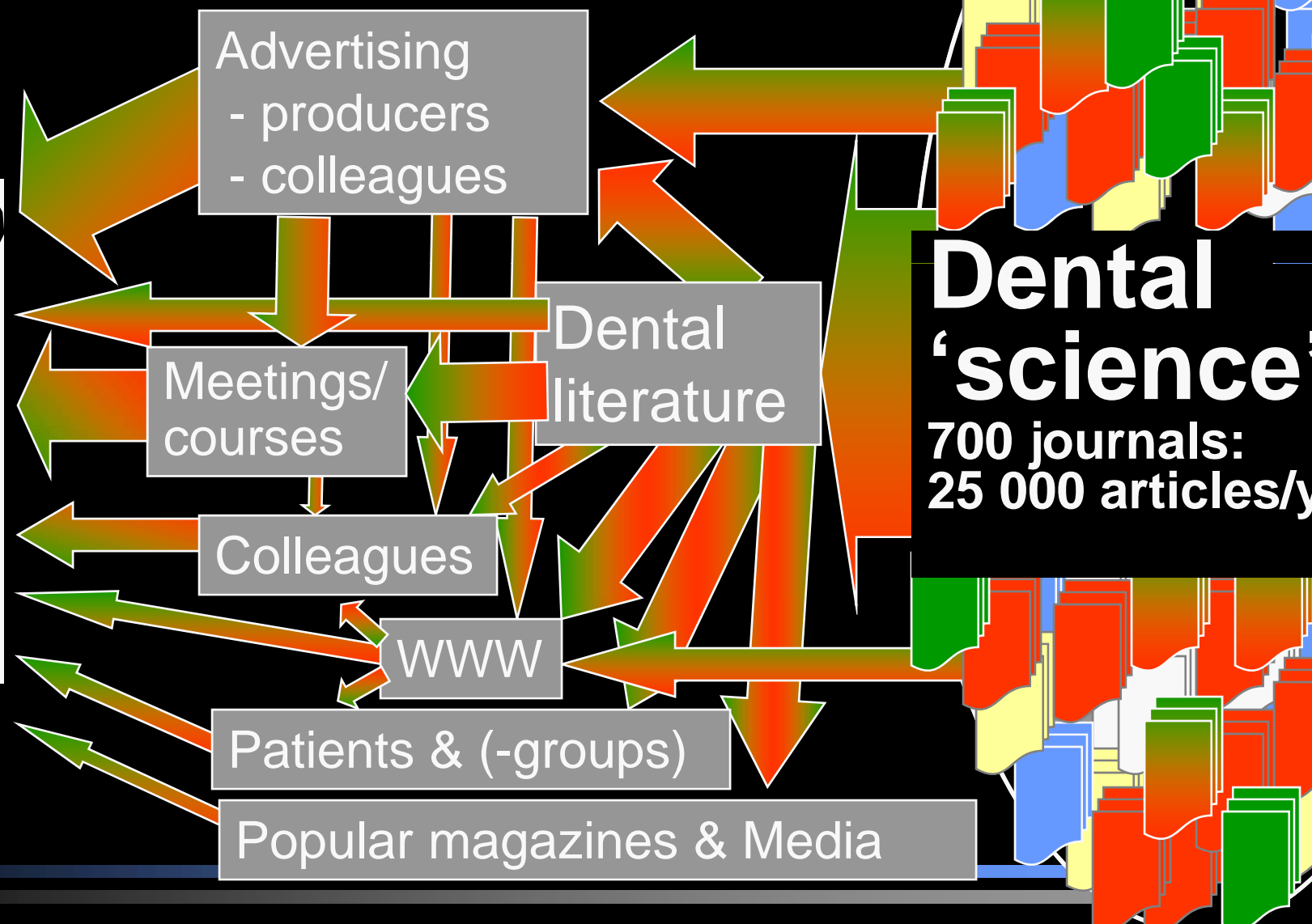
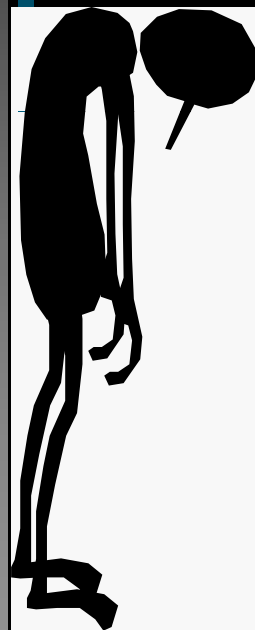
# Dental journals in circulation



Source: Ulrich's International Periodicals Directory  
4

# The Format of the new science?

# Dentists' daily situation: An information overload



# Obstacles

15/01/2009

7

# From research to practice ...

## Steps

### Creating evidence

Basic science research

RCTs

Observational studies

### Summarizing evidence

EPCs

Published meta-analyses

Cochrane collaborators

Others

### Disseminating evidence

Clinical practice guidelines

Continuing medical education

Publications

Cochrane database

### Implementing evidence

Clinical pathways

Computer decision support systems

Automated MEDLINE searches

Academic detailing

Audit and feedback

## Obstacles

Paucity of clinical trials

Underfunding of research

Lack of trained clinical investigators

Frequency of small underpowered studies

Heterogeneity of studies

Inconsistency between meta-analyses and large RCTs

Lack of awareness of existing efforts

Access to evidence

Information overload

Format not helpful

Labor-intensive

Expensive

Waning effectiveness

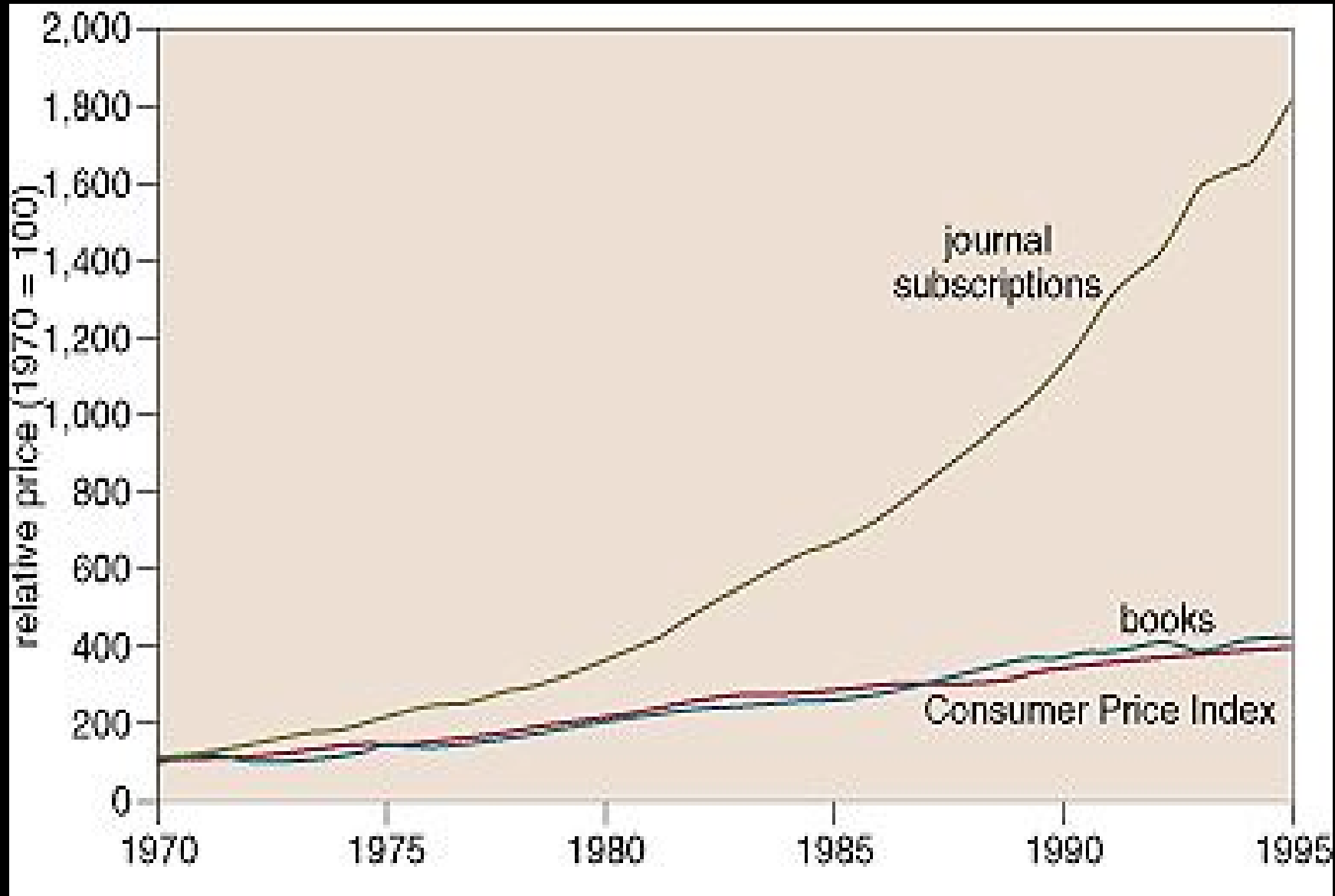
---

*EPCs*, Evidence-based practice centers

*RCTs*, randomized controlled trials;



# Access?



# Presenters

- Derek Richards, UK
- Anmol Kalha, India
- Dr Jeff Yengopal, South Africa
- Shailesh Lele, India
- Shaffih Ullah, Bangladesh