



Evidence Based Dentistry

How to best implement evidence-based dentistry in underserved countries

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Professional Practice

1. We want to do
More Good than Harm

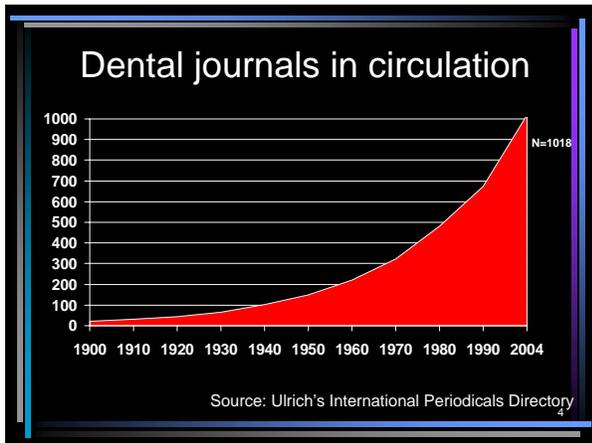
2. Our practice should be
Science Based

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New Science

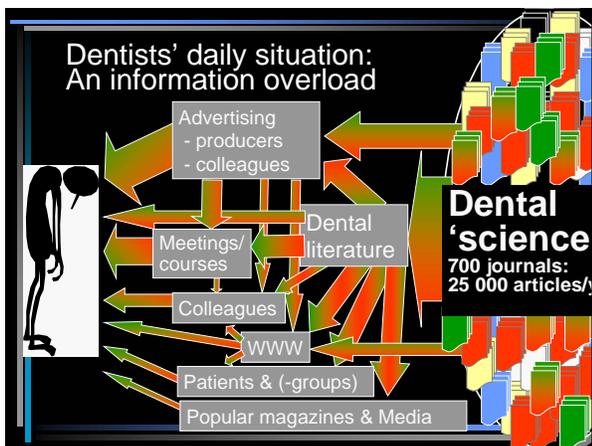
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The Format of the new science?

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Obstacles

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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

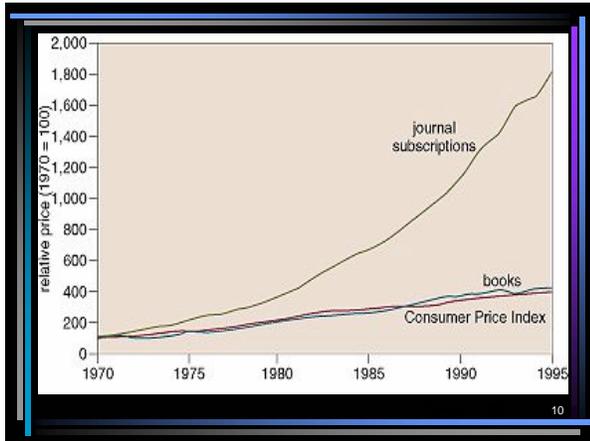
- Paucity of clinical trials
- Underfunding of research
- Lack of trained clinical investigators
- Frequency of small underpowered studies
- Heterogeneity of studies
- Inconsistency between meta-analyses and large RCTs
- Lack of awareness of existing efforts
- Access to evidence
- Information overload
- Format not helpful
- Labor-intensive
- Expensive
- Waning effectiveness

EPCs, Evidence-based practice centers
RCTs, randomized controlled trials

Access?

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