

Guidelines and Evidence-based Dentistry

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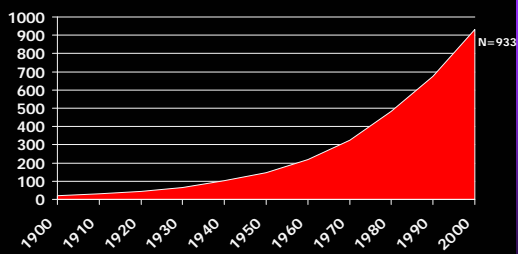
A rapidly changing society

- The production of new knowledge is at maximum in historical context

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Dental journals in circulation



Source: Ulrich's International Periodicals Directory

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Where and by who is new knowledge in oral sciences developed?



The clinical practitioners



- Single handed GPs/ specialists in teams; secondary/tertiary care
- Great diversity of experience, interest and capacity
- Draw on a panoply of experience
- Pragmatism: what works - what creates problems

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The researchers



- Creates "scientific evidence"
- Formulation of ideas, hypotheses, study design, data collection
- Peer review, internal/external validity, debates within paradigms
- Report findings in probabilities, not absolutes

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The appraisers of evidence for clinical practice



- Epidemiologists, health economists, statisticians, social scientists, and clinicians
- Collect, abstract and appraise practice related knowledge
- Debates about value and balance between consensus and evidence, rigour of data and application of statistics

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Developers of local guidelines and protocols



- Local consensus, sometimes on national guidelines
- Clinical specialists seeking ways to influence peers

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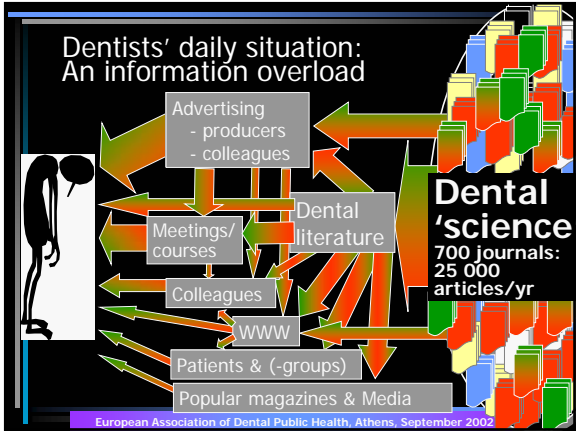
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A rapidly changing society

- The production of new knowledge is at maximum in historical context
- Incessant replacements of established ideas and concepts

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We need to consider not
only the
amount
of information, but also the
quality
of this information

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Solution: Integrate evidence-based
principles in clinical practice

- A practical aspect
 - A strategy for solving clinical problems on a daily basis
- An ethical aspect
 - A strategy for being reasonably certain that my advises and treatments are the best available to my patients

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A rapidly changing society

- The production of new knowledge is at maximum in historical context
- Incessant replacements of established ideas and concepts
- Information technology has improved the potential for information transfer to everybody

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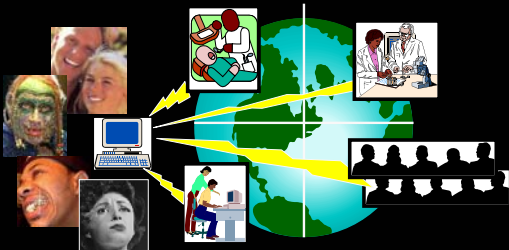
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New patients?

Realistic white shades for special cosmetic needs

- DENTURE™ Super 010 to create the ideal for restoring and dental health and also... (white teeth)
- Dent. SPURRO™ offers those of "natural" bright white shades - applied by dentists
- Super 010 for D (denture)
- Super 010 for P (pearl)

Information transfer to patients



- ✓ Wish to remain sound, look healthy.... young!!!
- ✓ Competitive health providers and information sources
- ✓ **Patient information and communication**

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General practitioners
need guidance on
professional issues in
the information age

Who's responsibility to
disseminate new
research findings to
the community of
dental practitioners?

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Who's responsibility for
disseminating new research
findings to the community
of dental practitioners?
... and verify that this
is also implemented?

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Guidelines –
in sum:

**SHIT IN
SHIT OUT**

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Where to find
guidelines in
dentistry?

fdi National and International Guidelines & Statements, Position papers and Proceedings

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Thank you
for your
kind
attention
