

# Dental faginformasjon og bruk av digitale medier

6 & 10 semester

Asbjørn Jokstad  
Institutt for klinisk odontologi  
Universitetet i Oslo

---

---

---

---

---

---

---

---

## Informasjonskilder

- Artikler
- Bøker
- Forskning
- Dataassistert læring
- Internett – “webmedisin”

5/21/2005

---

---

---

---

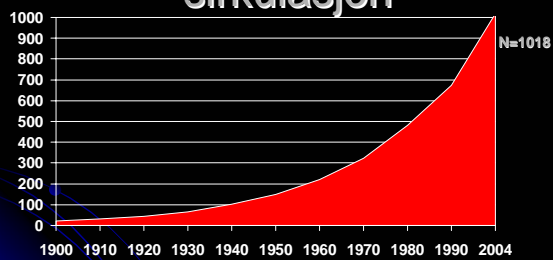
---

---

---

---

## Tannlegetidsskrift i sirkulasjon



Kilde: Ulrich's International Periodicals Directory

5/21/2005

---

---

---

---

---

---

---

---

# Informasjonseksplasjon

Enorm vekst av vitenskapelige publikasjoner i biomedisin - inkludert i odontologi

1. Antallet helsepersonnel og forskere stiger

og

Antall publikasjoner er nøkkel til penger og ære

2. Antall publikasjoner fordoblet hvert 10. år

3. Antall tidsskrift øker kontinuerlig

---

---

---

---

---

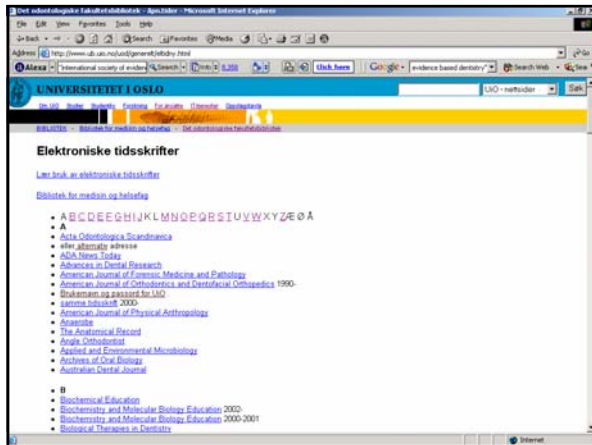
---

---

---

---

---



---

---

---

---

---

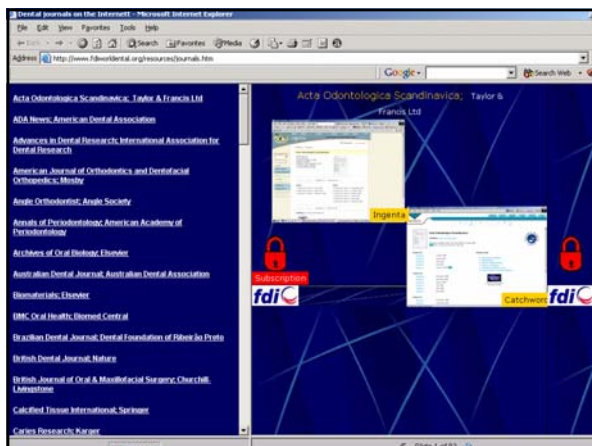
---

---

---

---

---



---

---

---

---

---

---

---

---

---

---

# Informasjonskilder

- Artikler
- Bøker
- Forskning
- Dataassistert læring
- Internett – “webmedisin”

5/21/2005

---

---

---

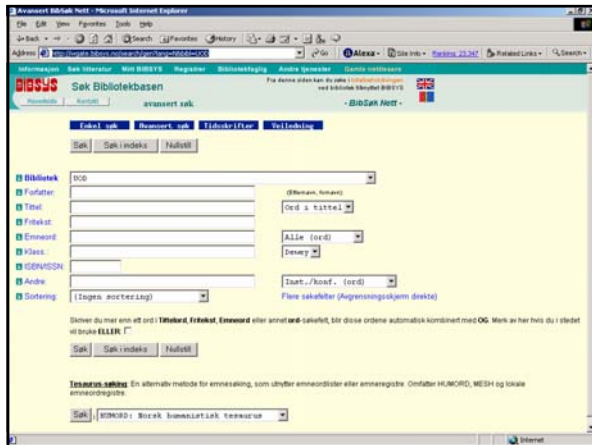
---

---

---

---

---



---

---

---

---

---

---

---

---

# Informasjonskilder

- Artikler
- Bøker
- Forskning
- Dataassistert læring
- Internett – “webmedisin”

5/21/2005

---

---

---

---

---

---

---

---




---

---

---

---

---

---

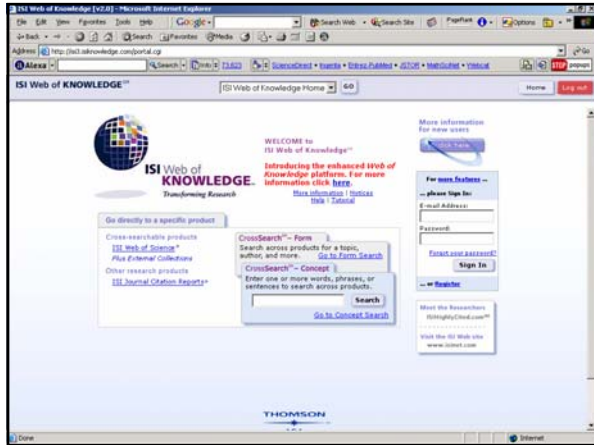
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

---

## Informasjonskilder

- Artikler
- Bøker
- Forskning
- Dataassistert læring
- Internett – “webmedisin”

5/21/2005

---

---

---

---

---

---

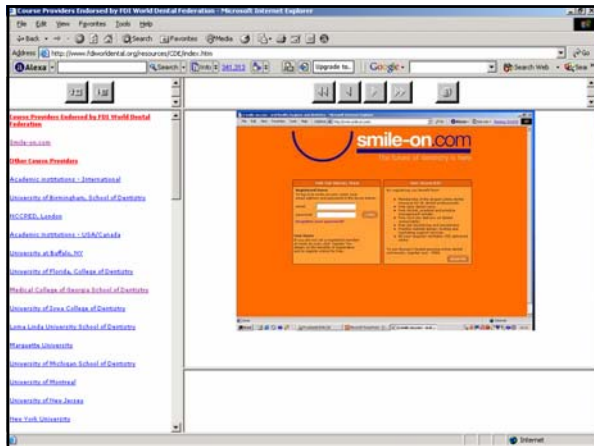
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

---

---

# Informasjonskilder

- Artikler
- Bøker
- Forskning
- Dataassistert læring
- Internett – “webmedisin”

5/21/2005

---

---

---

---

---

---

---

---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

---

---

## Hva gjør du hvis ...



En 32 år gammel kvinne ringer deg fire timer etter en visdomstannoperasjon og klager over blødning, smerter og hevelse. Hun ønsker umiddelbart smertestillende og antifebril medisin samt antibiotika ....



---

---

---

---

---

---

---

---

## ..eller hvis...

en 66 år gml kvinne oppsøker deg fordi hennes forrige tannlege ikke har klart å hjelpe henne med stadige plager med oral lichen planus. Hun vil gjerne diskutere nyere behandlingsmuligheter hun har lest om i bladet "Kvinner og Klær" med deg....



---

---

---

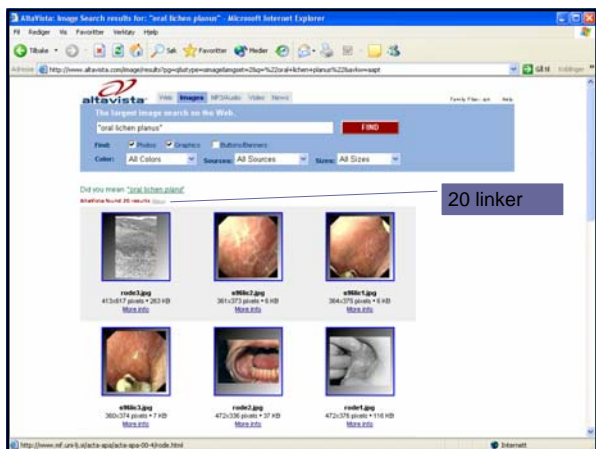
---

---

---

---

---



---

---

---

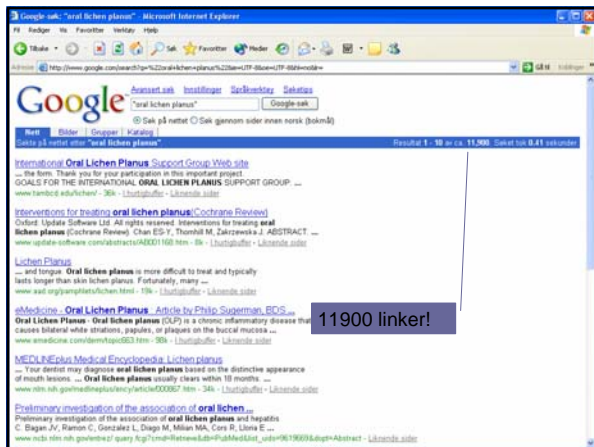
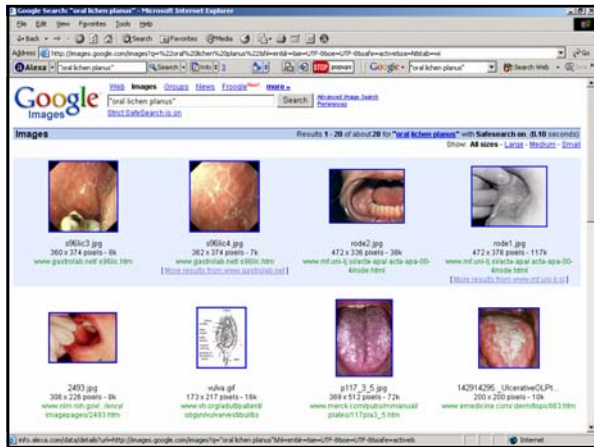
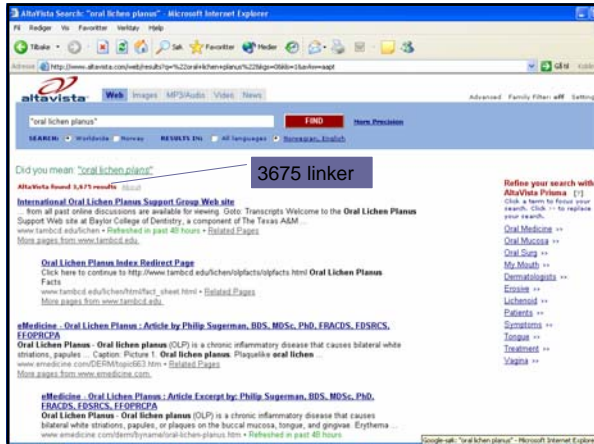
---

---

---

---

---



## Informasjon $\neq$ kunnskap!

- Søkingen blir oftest uspesifik
- Det tar ofte mye tid
- Er dette så bra som det kan få blitt?

5/21/2005

---

---

---

---

---

---

---

---

## Internett

- Medisinsk informasjon - "webmedisin"
- Medisinske-metabaser

5/21/2005

---

---

---

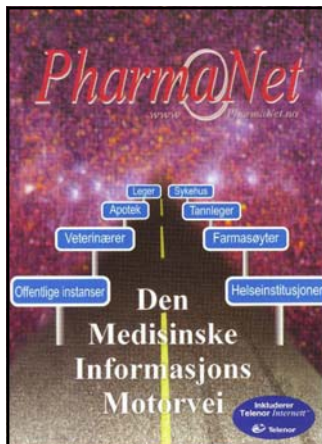
---

---

---

---

---



**PharmaNet**  
1999 - 2000

Den Medisinske Informasjons Motorvei

Offentlige instanser

Veterinærer

Apotek

Legger

Sykehus

Tannleger

Farmasøyter

Helseinstitusjoner

Inkluderer Telemor Internett

5/21/2005

Pharmanet  
Norge  
1999 - 2000

---

---

---

---

---

---

---

---






---

---

---

---

---

---

---

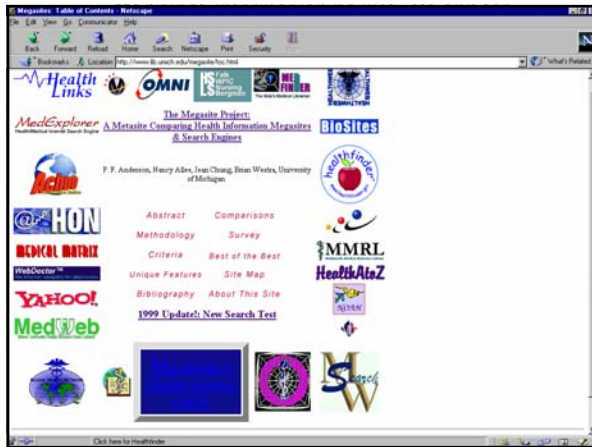
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

---

---

**Informasjon  $\neq$  kunnskap!**

- Søkingen blir oftest uspesifik
- Det tar ofte mye tid
- Kvaliteten varierer enormt
- Mye "lærebokpreg" på det som finnes
- Vanskelig å finne svar på konkrete problem

**Er dette så bra som det kan få bli??**

---

---

---

---

---

---

---

---

---

---

---

---

# Internett

- Medisinsk informasjon - "webmedisin"
- Medisinske-metabaser
- Medisinsk forskningslitteratur, databaser

5/21/2005

---

---

---

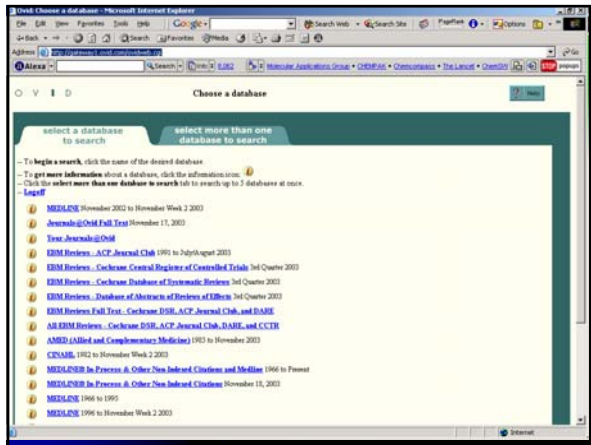
---

---

---

---

---



---

---

---

---

---

---

---

---

# Internett

- Medisinsk informasjon - "webmedisin"
- Medisinske-metabaser
- Medisinsk forskningslitteratur, databaser
  - Medline

5/21/2005

---

---

---

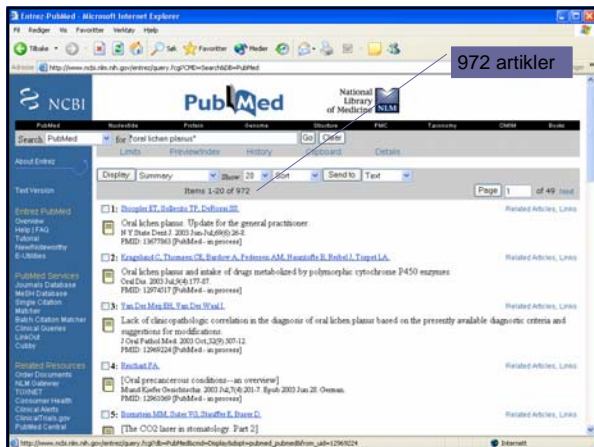
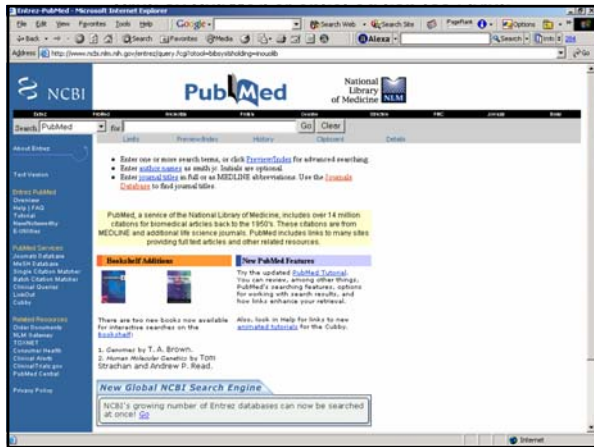
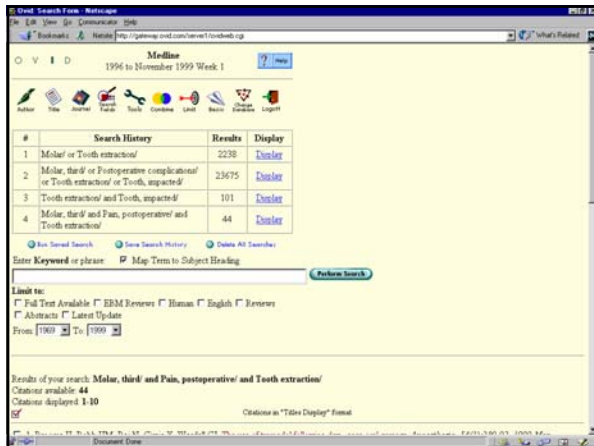
---

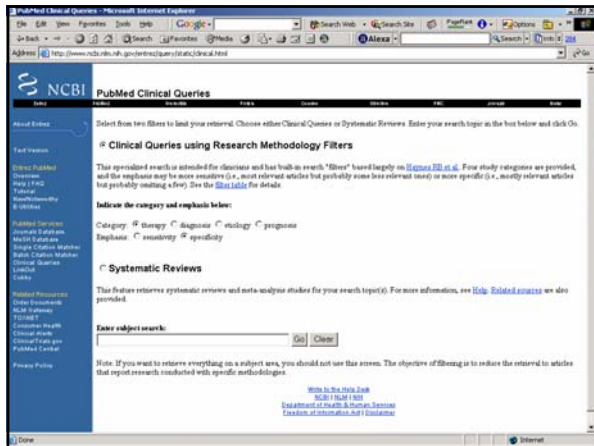
---

---

---

---






---

---

---

---

---

---

---

---

---

---

---

---

## Informasjon $\neq$ kunnskap!

- Søkingen blir for uspesifikk
- Det tar for mye tid
- Kvaliteten varierer
- Mye "lærebokpreg" på det som finnes
- Vanskelig å finne svar på konkrete problem
- Husker ikke hvordan man søker
- MEDLINE indekserer ca. 4000 tidsskrift; en distinkt minoritet
- Får ikke tak i originalartikkelen /lene
- Har ikke tid til å lese alt i alle tilfeller

**Er dette så bra som det kan få blitt?**

---

---

---

---

---

---

---

---

---

---

---

---

## Kanskje kan dette nye "EBM" hjelpe meg?

5/21/2005

---

---

---

---

---

---

---

---

---

---

---

---

Evidens basert medisin -  
hensikt

- Hvordan løse daglige kliniske problemstillinger?  
- praktisk spørsmål
- Hvordan være rimelig sikker på at det jeg anbefaler og utfører er det beste pasienten kan motta?  
- etisk spørsmål

---

---

---

---

---

---

---

---

Evidens basert medisin -  
metode

1. Hvordan effektivt finne ny og meningsfull informasjon
2. Hvordan anvende denne nye informasjon

5/21/2005

---

---

---

---

---

---

---

---

Evidens basert medisin -  
strategi

Hvordan vi skal forholde oss til kontinuerlige forandringer . . .

...uten at vi noengang får vite det riktige svaret

5/21/2005

---

---

---

---

---

---

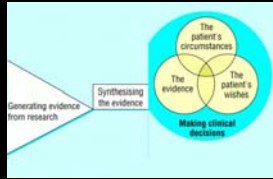
---

---

# Hvordan utøves en evidens-basert praksis?

## 1. Lære selv hvordan evidens-basert odontologi utføres

- Bøker
- Seminarer
- Internett
  - Online link-lister
  - Online kurs
  - Online ressurser



5/21/2005

---

---

---

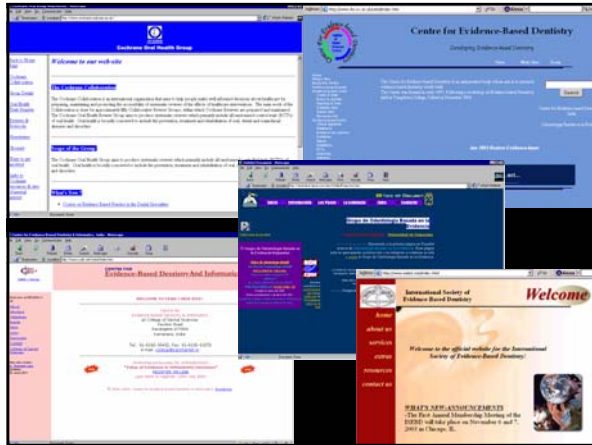
---

---

---

---

---



---

---

---

---

---

---

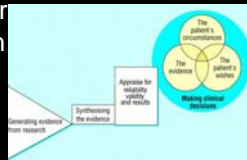
---

---

# Hvordan utøves en evidens-basert praksis?

## 1. Lære selv evidens-basert odontologi 2. Søke og anvende evidens-baserte sammendrag utarbeidet av andre.

1. Fagtidsskrift som kritisk evaluerer primærstudier
2. Systematiske oversikter
  - Cochrane Collaboration
  - Nat. Health Serv. R&D
  - Litteratur



5/21/2005

---

---

---

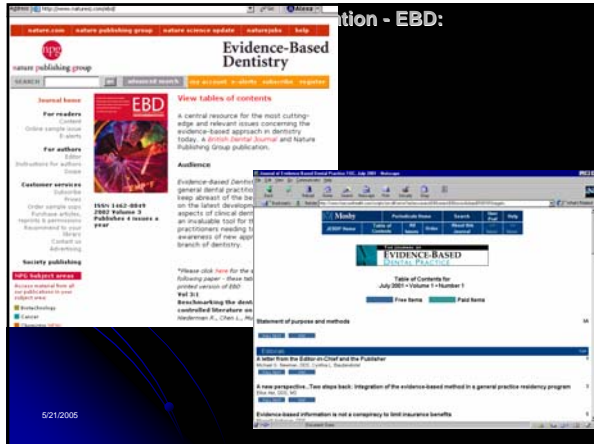
---

---

---

---

---



ation - EBD:

---

---

---

---

---

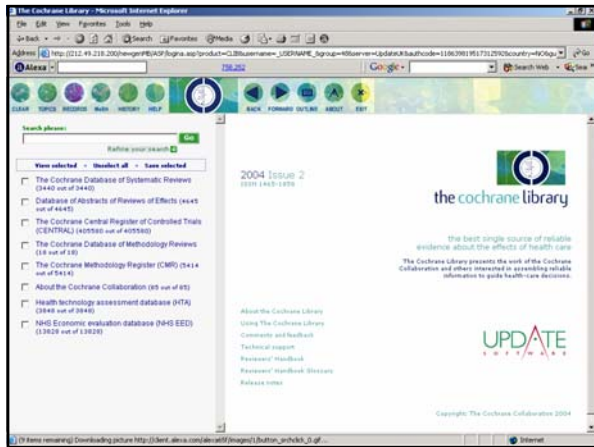
---

---

---

---

---




---

---

---

---

---

---

---

---

---

---

## Hvordan utøves en evidens-basert praksis?

3. Akseptere og anvende kliniske retningslinjer som er baserte på evidens-baserte prinsipper

```

    graph LR
      A[Generating evidence from research] --> B[Synthesising the evidence]
      B --> C[Developing clinical policies]
      C --> D[Applying the policies]
      E((The patient's circumstances)) --- F((The evidence))
      F --- G((The patient's wishes))
      E --- G
      F --- H[Making clinical decisions]
      G --- H
      E --- H
      F --- H
      G --- H
    
```

5/21/2006

---

---

---

---

---

---

---

---

---

---

**SBU: Evidensbasert Tandvård**




Evidensbasert  
**TANDVÅRD**



**NY RAPPORT**  
 Behov av utvärdering i tandvården

STATERNA BEREDNING FÖR MEDICINSKA UTVÄRDERINGAR SBU - STATENS BEREDNING FÖR MEDICINSKA UTVÄRDERINGAR

---

---

---

---

---

---

---



---

---

---

---


---

**www.fdiworldental.org**

The FDI World Dental Federation is the authoritative worldwide organization of dentistry representing more than 700,000 dentists in over 150 countries around the globe.

**Nasjonale og internasjonale retningslinjer, prinsippvedtak, uttalelser, moterapporter og -referat. Meta-analyser.**



**Parodontopatiske problemer**  
 Sjævelæsesproblemer  
 Hørelse, syn og sikkerhet  
 Mandat, teknikk og arbeidsforholdene  
 Sjævelæsesproblemer  
 Utvikling og forebyggingsstrategier  
 Jansensons lovstiftning

**Parodontopatiske problemer**  
 Akutt- & nødbehandling [\[publert\]](#) [\[FDI\]](#)  
 Endokarditt [\[publert\]](#) [\[FDI\]](#)  
 Erosjon & tannslitasje [\[publert\]](#) [\[FDI\]](#) [\[FDI vedtak\]](#)  
 Handicappede pasienter [\[publert\]](#) [\[FDI\]](#)

Adress: FDI World Office  
 Last modified: June 17, 2003

**DISCLAIMER**  
 FDI World Dental Federation,  
 11 Chemin de la Source, Fribourg  
 Suisse  
 F-1700 Fribourg-Vully, Suisse  
 FRANCE  
 Tel: +31 43 68 18 18  
 E-Mail:

---

---

---

---

---

---

---

---

---

---

---

---