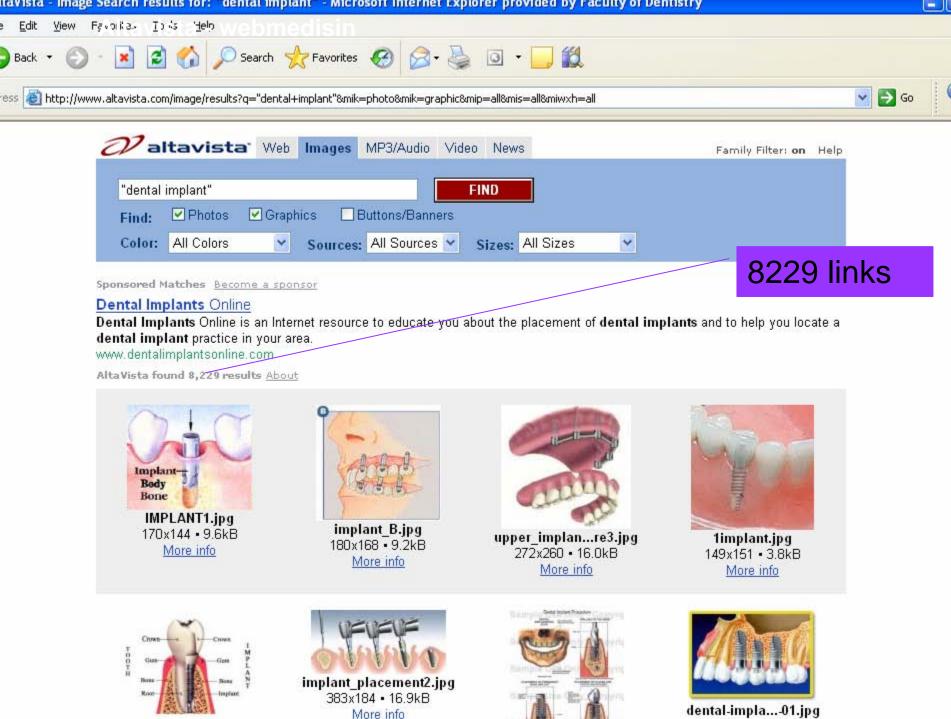
Searching for evidence on dental implant therapy

Asbjørn Jokstad
University of Toronto 1

"Web-medicine"

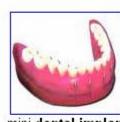
Advantages: Easy to use and find (any kind of) information

 General searches (AltaVista – Google-Lycos – MetaCrawler – Yahoo - etc.





Results 1 - 20 of about 3,820 for "Dental implant" [definition] with Safesearch on. (0.08 seconds)



mini dental implant 255 x 232 pixels - 7k - jpg www.atlantadentist.com



dental implant dentist 239 x 293 pixels - 23k - jpg www.atlantadentist.com More results from www.atlantadentist.com]



Dental Implant Process 525 x 305 pixels - 32k - jpg www.smartdraw.com

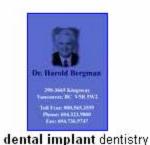


... DENTAL IMPLANT AND IMPLANTS ... 266 x 190 pixels - 57k - jpg www.bangkokdentalspa.com



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Dental implant Tooth Implant 280 x 291 pixels - 11k - jpg www.phuket-health-travel.com



in 201 x 296 pixels - 8k - qif www.drbergman.ca



... dental implant dentistry in ... 383 x 539 pixels - 5k - gif

www.drbergman.ca



costa rica dental implant 286 x 433 pixels - 46k - jpg www.dentalimplantscr.com

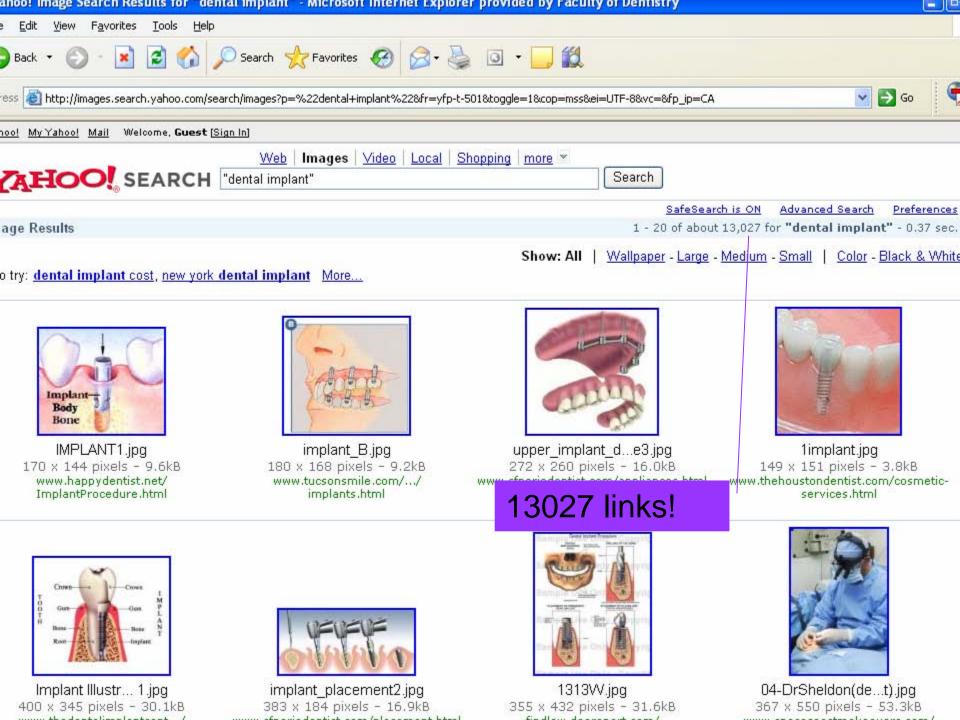
3820 links!

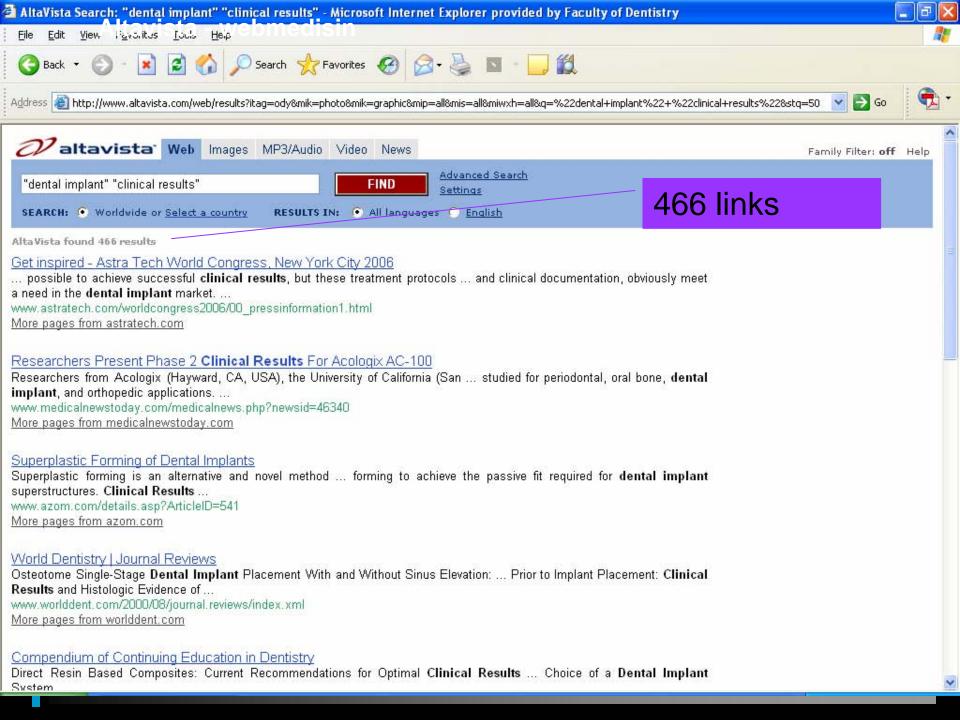


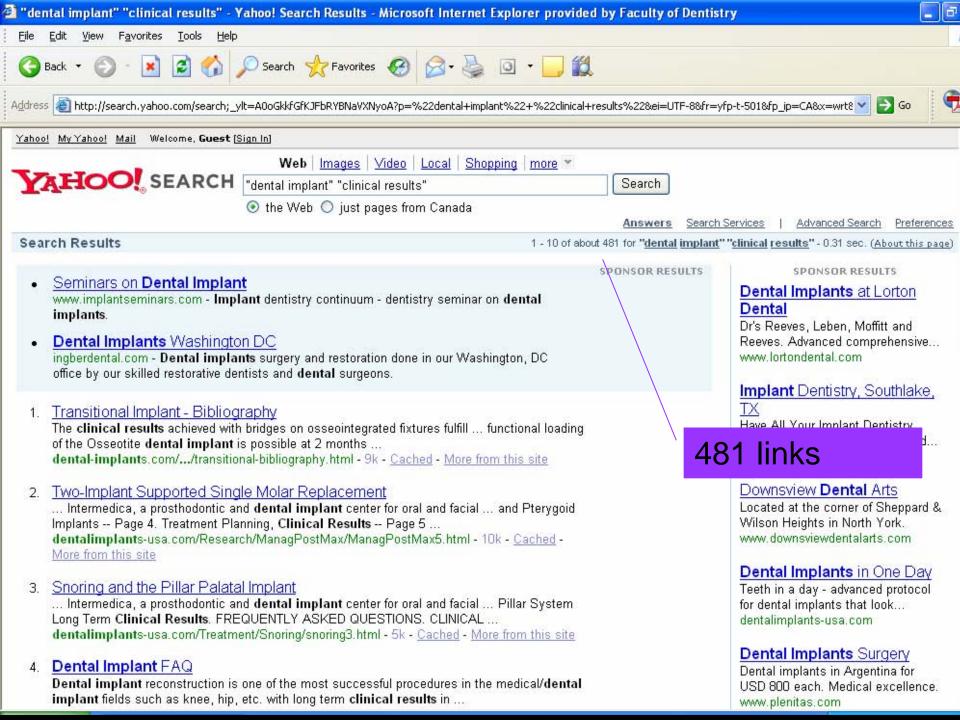
costa rica dental implant 286 x 432 pixels - 35k - jpg www.dentalimplantscr.com More results from www.dentalimplantscr.com

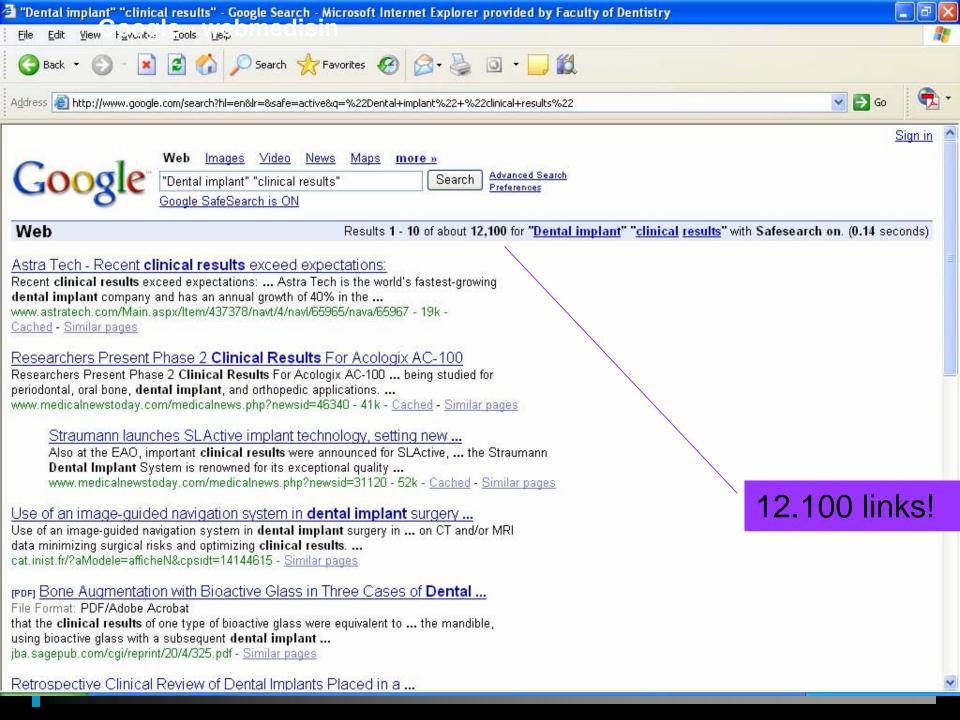


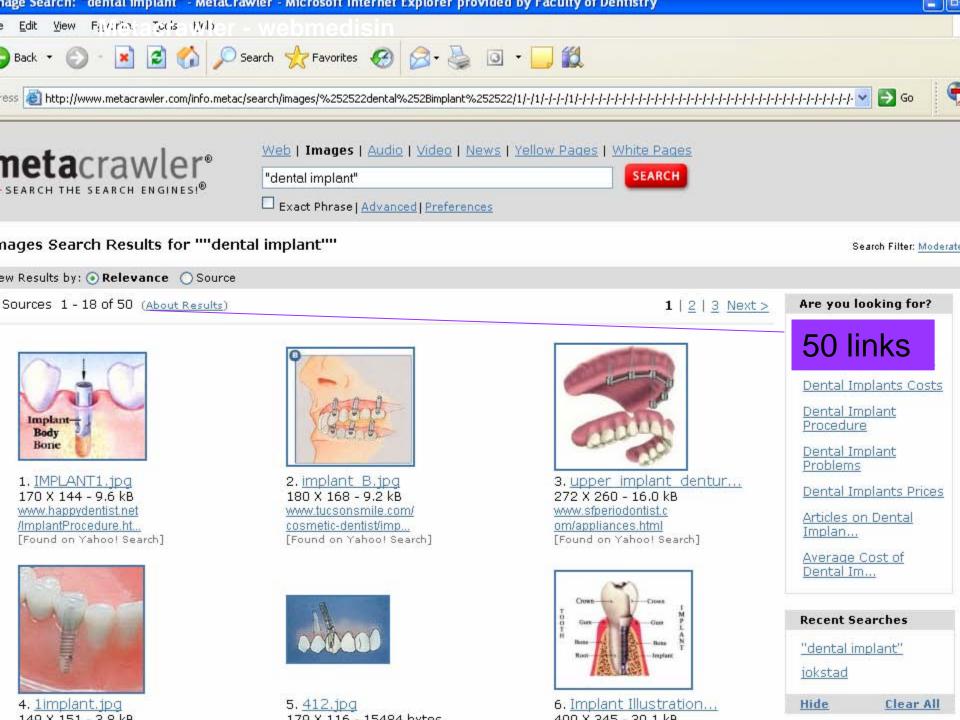
Dental Implant Imaging 250 x 196 pixels - 20k - jpg www.medicalartsradiology.com

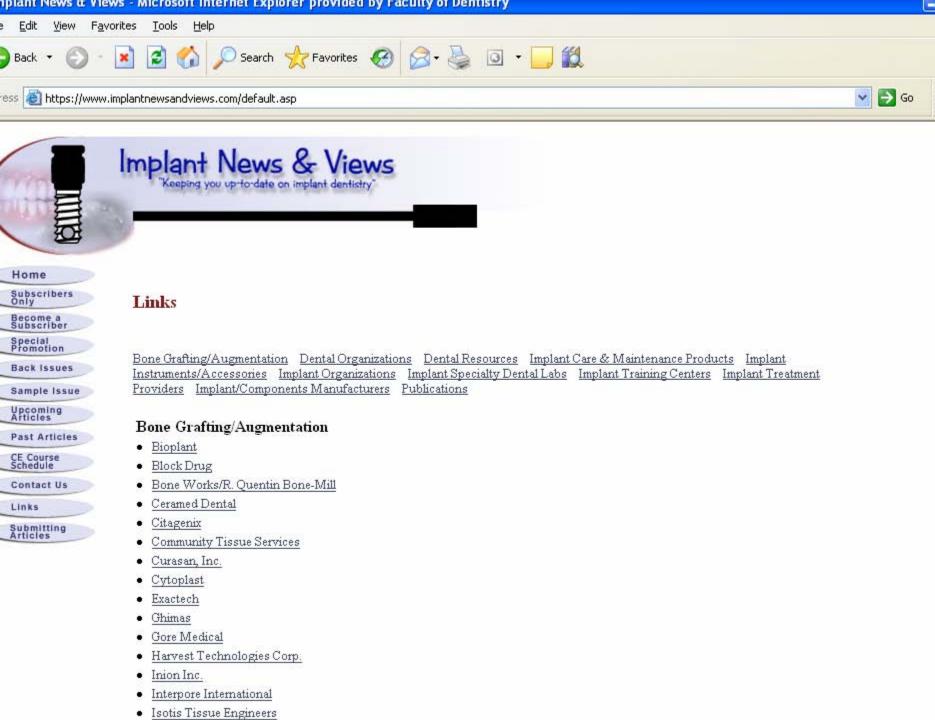




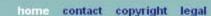












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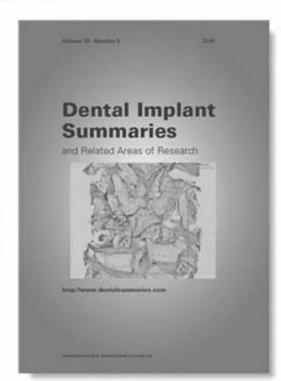
Next issue - Vol. 15 No. 3 available online after 15th Jan...

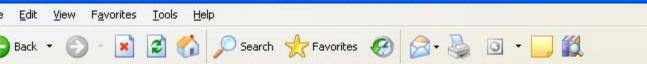
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ess <equation-block> http://www.enexus.com/dental-implant/doctor.htm



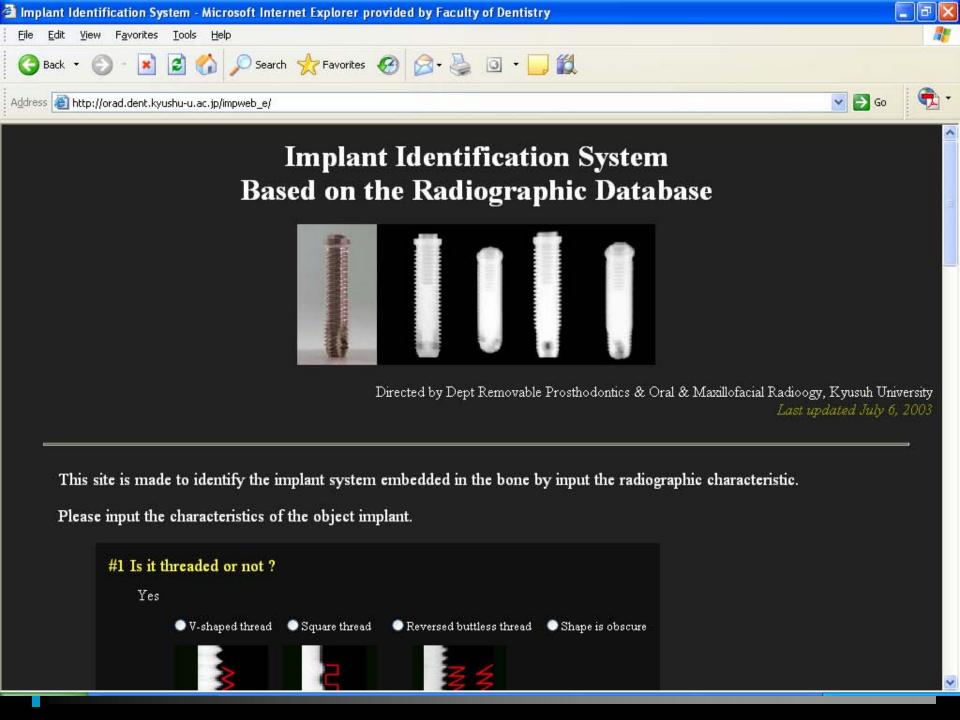
Over the past forty years implant

dentistry has evolved from enlightened clinical experimentation to scientifically proven procedures and materials. Today dental professionals have at their disposal reliable clinical methods to replace missing teeth with

Among them are:

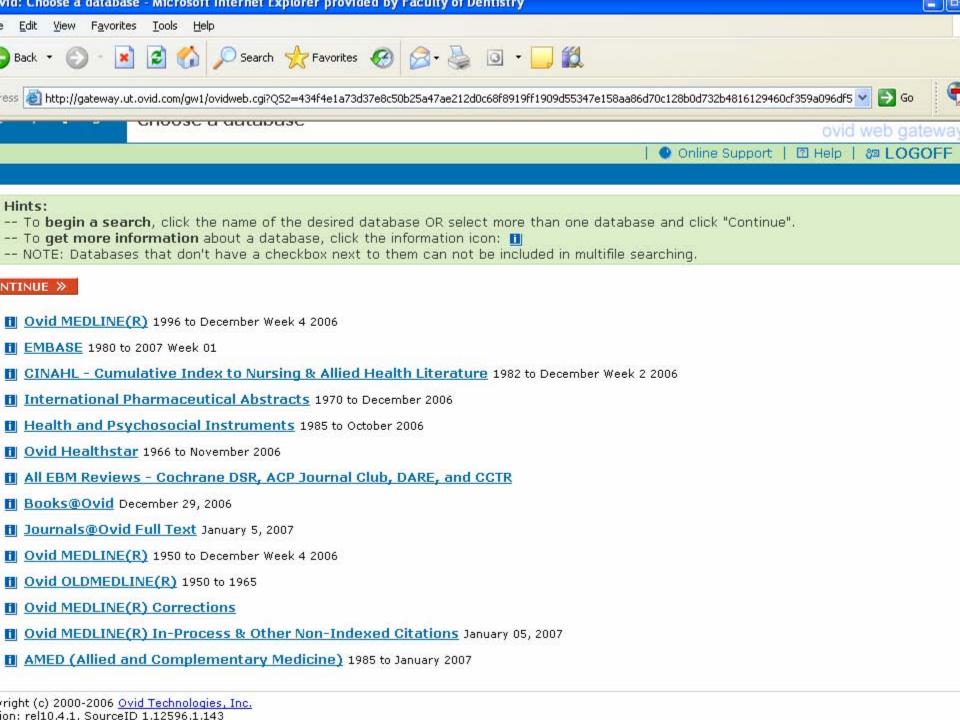
 Major manufacturers and suppliers of implant related materials including technical support. ▼ 🕞 Go

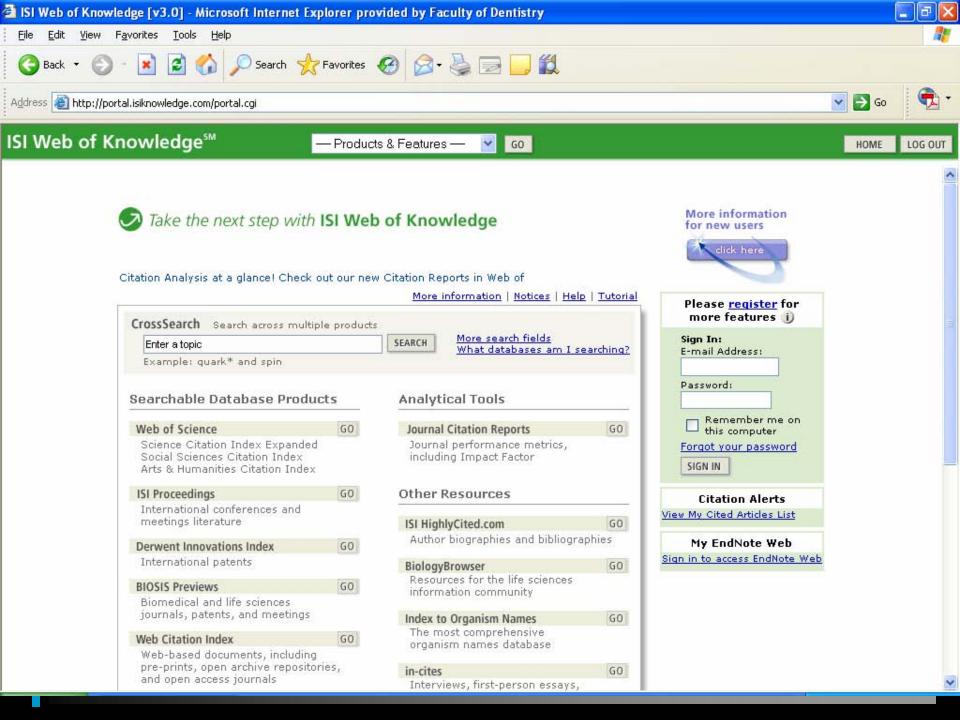
 Professional associations dedicated to the advancement of implant dentistry.

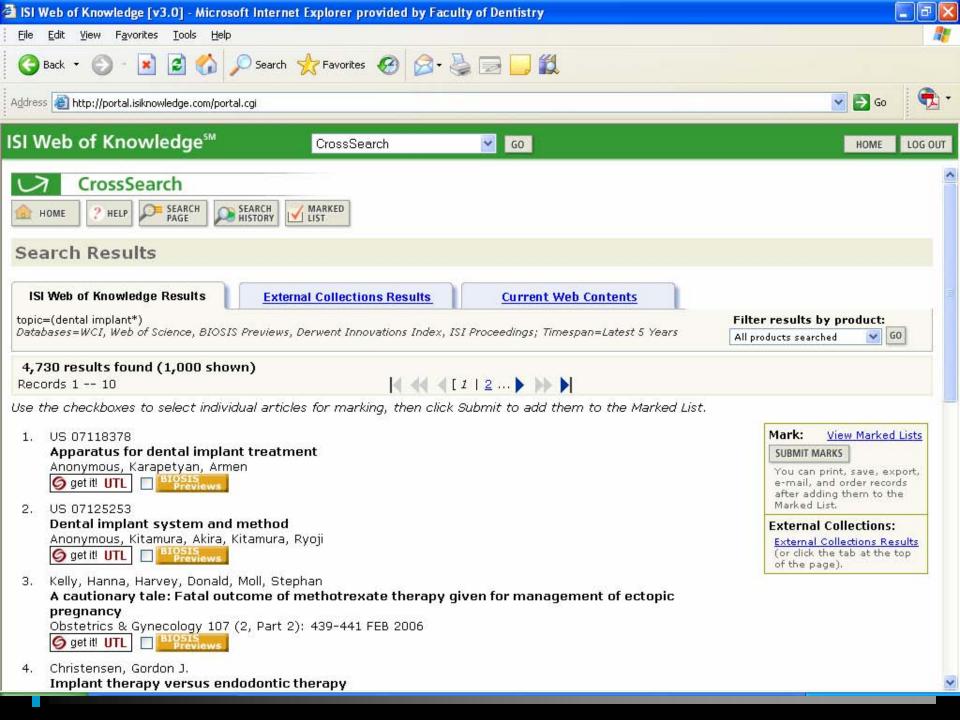


Disadvantages

- General searching often non-specific
- Takes much time
 - Quality of information varies greatly







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Latest News

Registration Deadline is Fast Approaching for Presenters at 85th General Session & Exhibition

Jan. 4, 2007 - To register for the 85th General Session & Exhibition of the IADR, go to https://www.one-stop-registration.com/iadr/OSR.Index. The deadline for presenters is January 26, 2007. The deadline for nonpresenters is February 16, 2007.

Congress Approves First NIH Reauthorization Bill in 13 Years

Dec. 11, 2006 - The 109th Congress completed its legislative work on Saturday, December 9, but not before it passed the National Institutes of Health (NIH) Reform Act of 2006, reauthorizing the NIH for a three-year period beginning in 2007. The most recent previous NIH reauthorization bill was passed in 1993. The new law substantively changes NIH's policies, organizational structure, and funding authorities. The dental community had expressed a number of concerns about the bill as it progressed through the legislative process. On the whole the advocacy efforts of AADR, ADEA, ADA and their members at the grassroots were highly successful. Read background and key provisions of the bill.

More News...







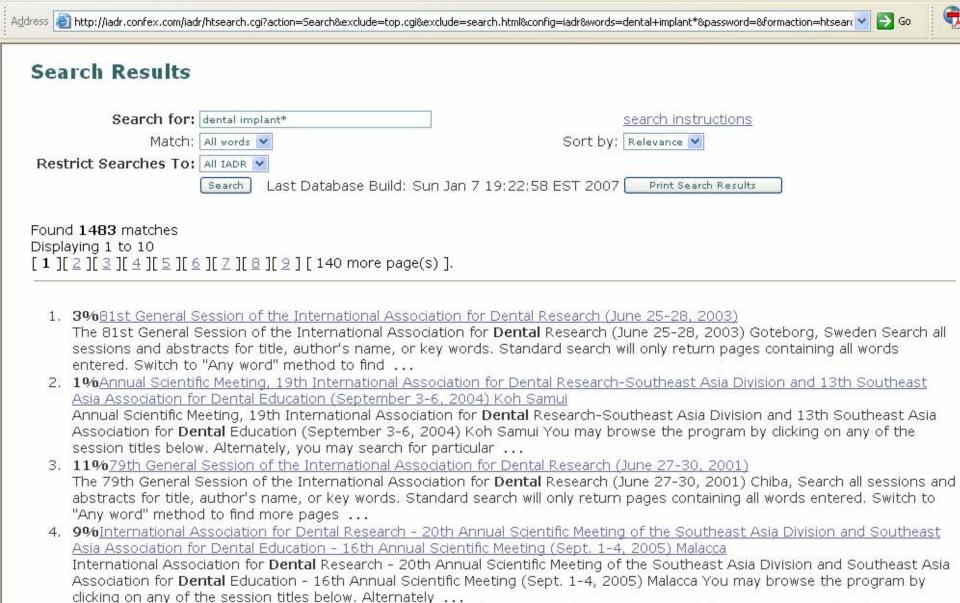


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5. 3% Annual Meeting of the Israeli Division of the International Association for Dental Research (June 16-17, 2005) Tel Aviv

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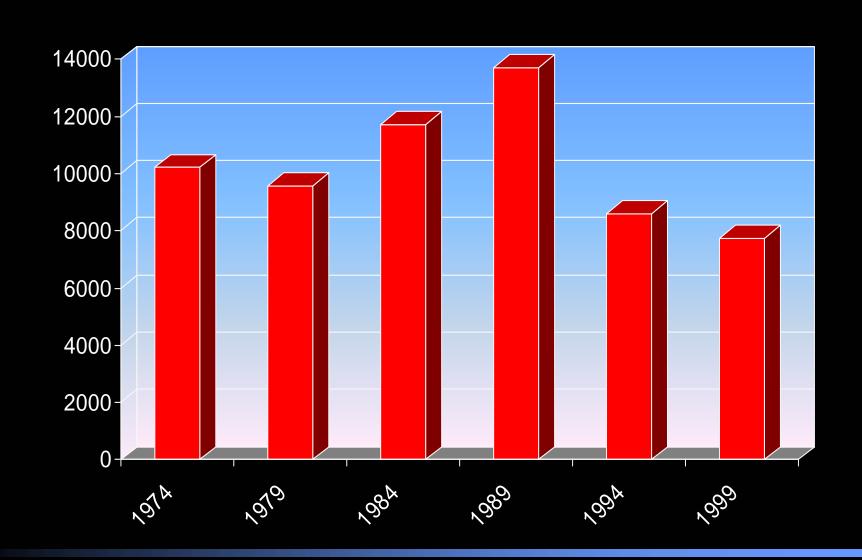
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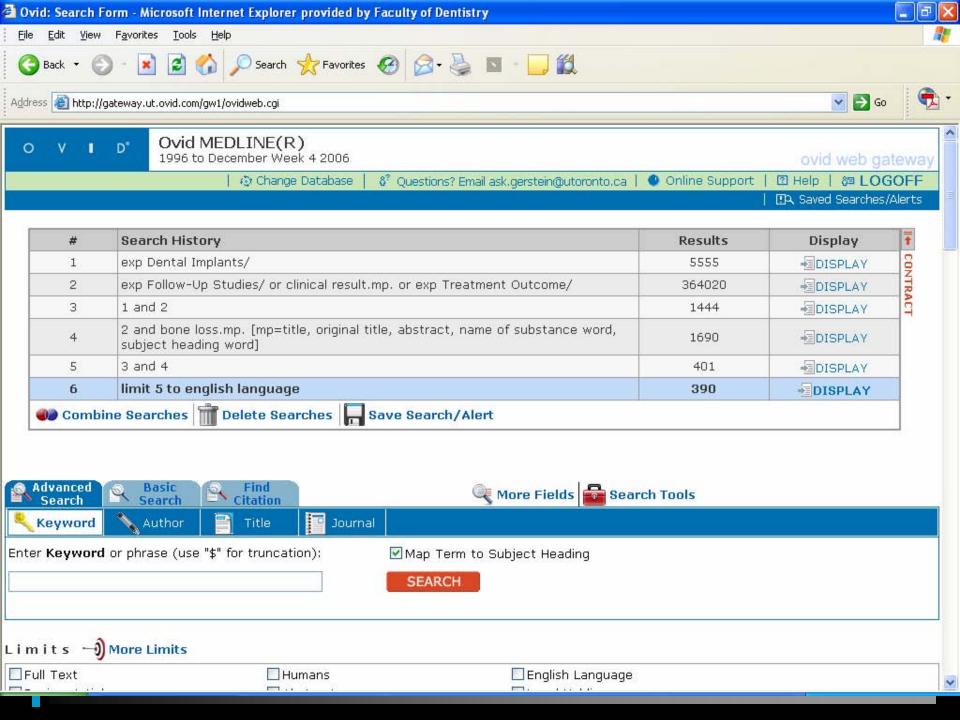
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- General search
- Medical databases
 - -Medline

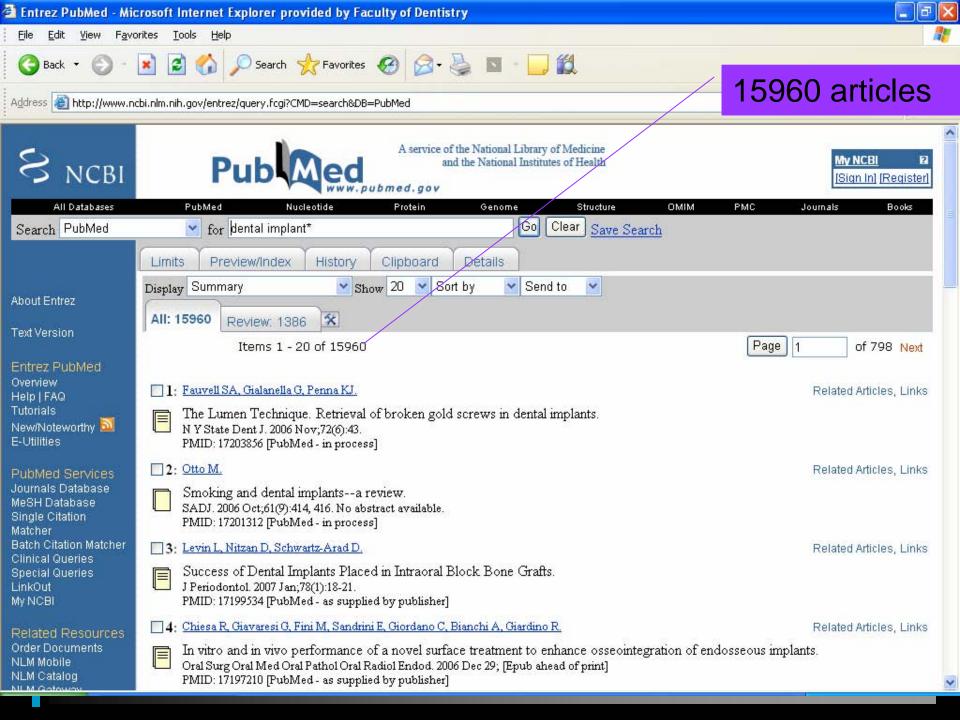
Dental Subset of Medline

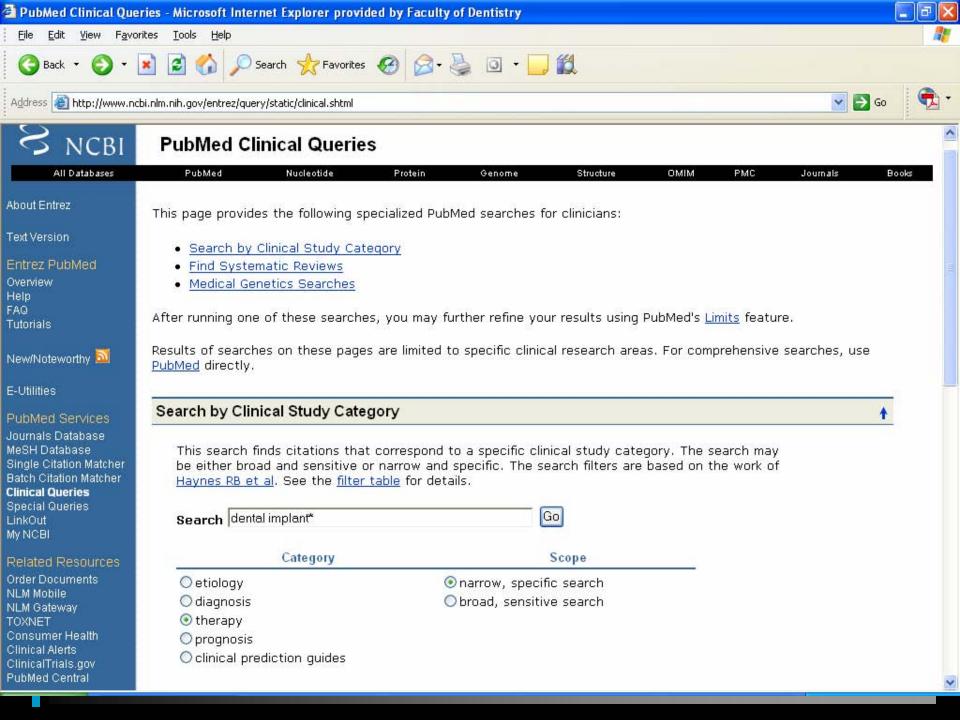


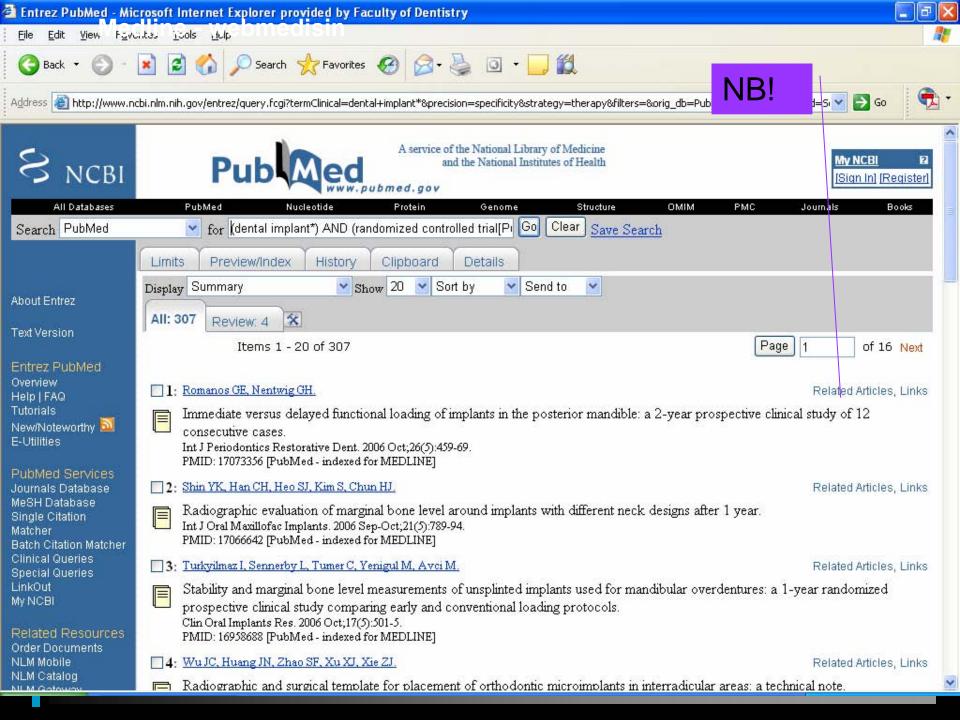


E.g. Worthington HV, Clarkson JE, Eden OB. Interventions for treating oral mucositis for patients with cancer receiving treatment (Cochrane Review). In: *The Cochrane Library*, Issue 2, 2004

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1.NEOPLASMS explode all trees (MeSH)
    2.LEUKEMIA explode all trees (MeSH)
    3.LYMPHOMA explode all trees (MeSH)
    4.RADIOTHERAPY explode all trees (MeSH)
    5.BONE MARROW TRANSPLANTATION explode all trees (MeSH)
    6.(neoplasm* or cancer* or carcino* or malignan*)
    7.(leukemi* or leukaemi*)
    8.(tumour* or tumor*)
    9.neutropeni*
    10.adenocarcinoma*
    11.lymphoma*
    12.(radioth* or radiat* or irradiat* or radiochemo*)
    13.(bone next marrow next transplant*)
    14.(chemo* or radiochemo*)
    15.(#1 or #2 or #3 or #4 or #5 or #6 or #7 or #8 or #9 or #10 or #11 or #12 or #13 or #14)
    16.STOMATITIS explode all trees (MeSH)
    17.CANDIDIASIS ORAL single term (MeSH)
    18.stomatitis
    19.(stevens next johnson next syndrome)
    20.mucositis
    21 (oral near cand*)
    22.(mouth near cand*)
    23.(oral and fung*)
    24.(mouth and fung*)
    25.(mycosis or mycotic or thrush)
    26.(#16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25)
    27.(#15 and #26)
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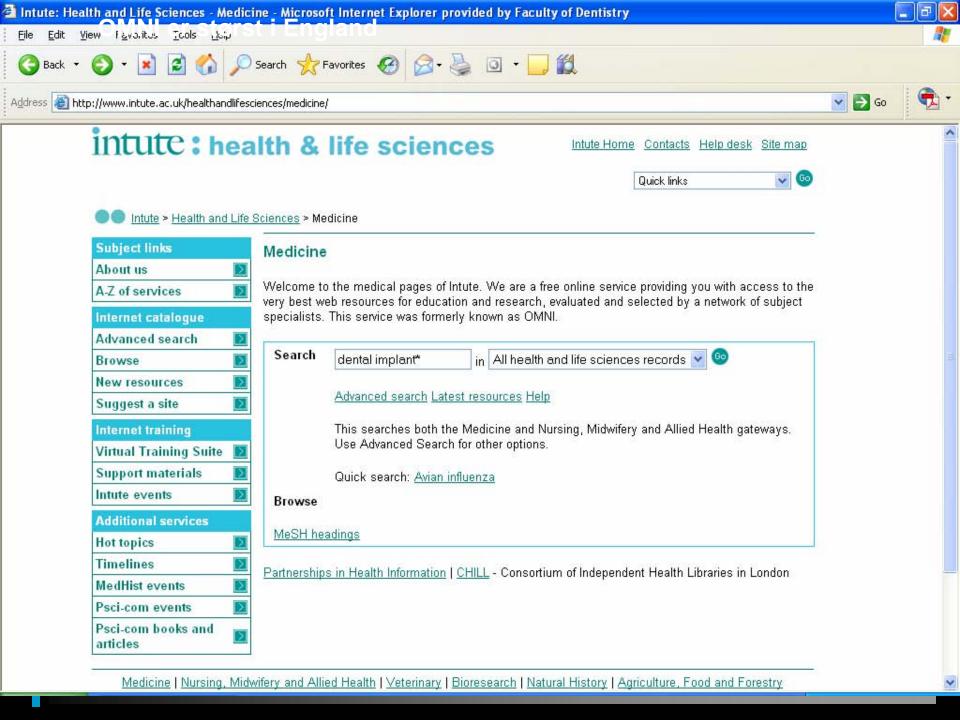


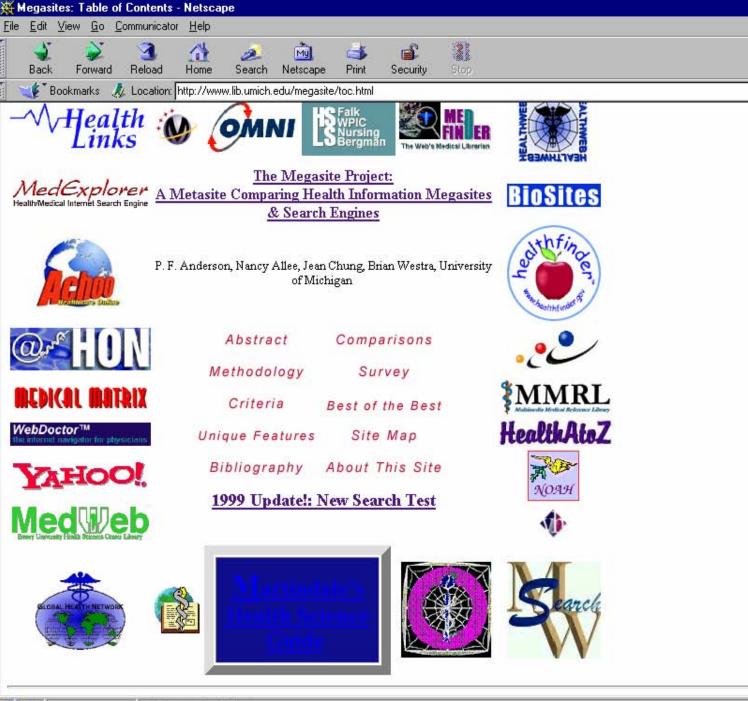


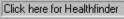
Disadvantages

- General searching often non-specific
 - Takes much time
- Quality of information varies greatly
- Can't remember how to search effectively
 - (Most) original articles can't be retrieved
 - Not enough time anyway

- General search
- Medical databases
 - Medline
 - -ISI
 - Embase, Cinahl
- Medical metasite searching

















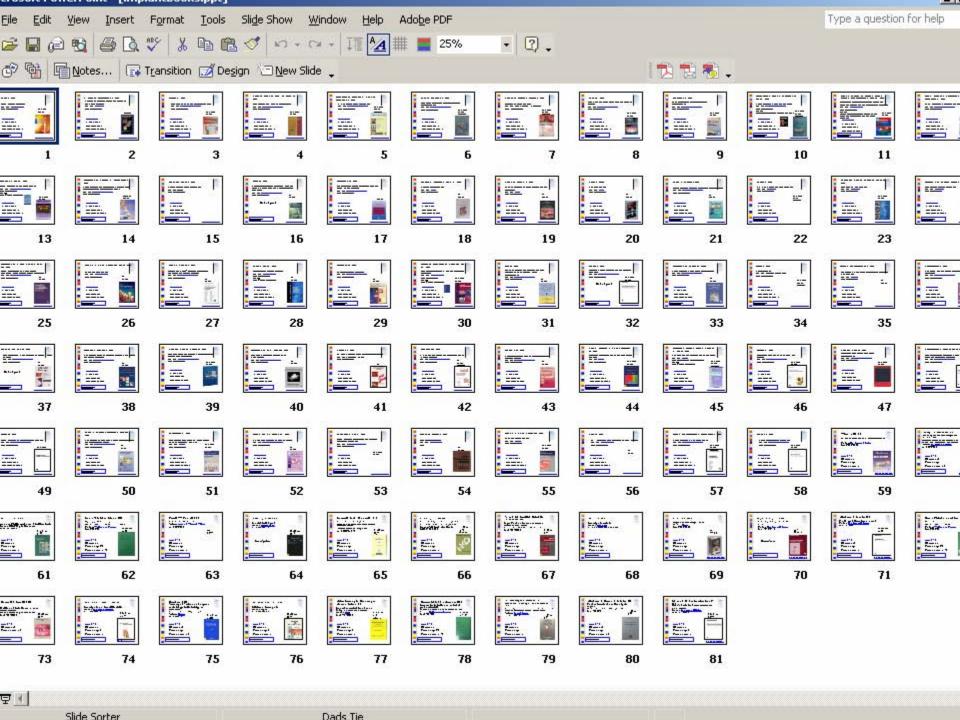
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Disadvantages

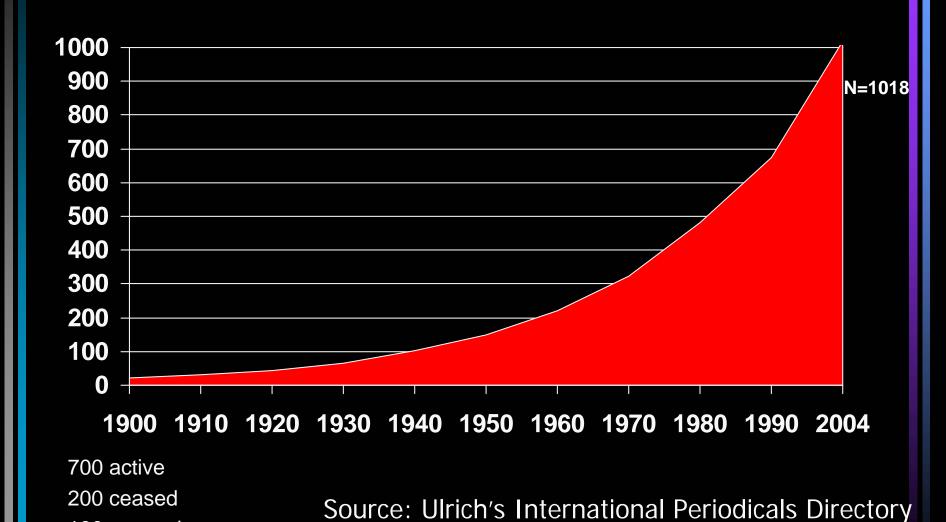
- General searching often non-specific
- Takes much time
- Quality of information varies greatly
- Can't remember how to search effectively
- (Most) original articles can't be retrieved
- Not enough time anyway
- Medical metasite searches on oral health issues are often superficial
- Metasite searching often too "textbook"

- General search
- Medical databases
 - Medline
 - -ISI
 - Embase, Cinahl
- Medical metasite searching
- Books

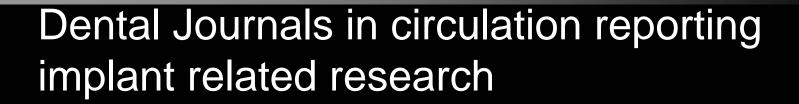


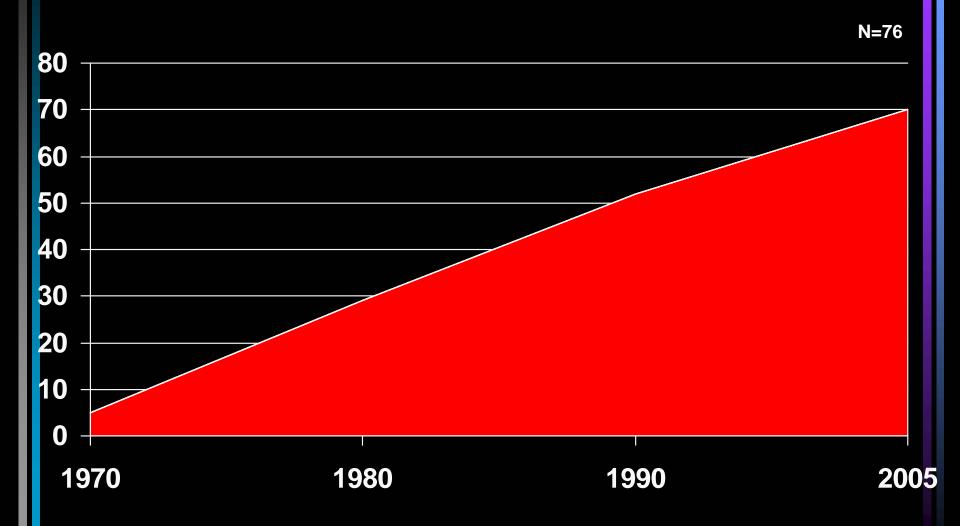
- General search
- Medical databases
 - Medline
 - ISI
 - Embase, Cinahl
- Medical metasite searching
- Books
- Primary publications

Dental Journals in circulation



100 merged

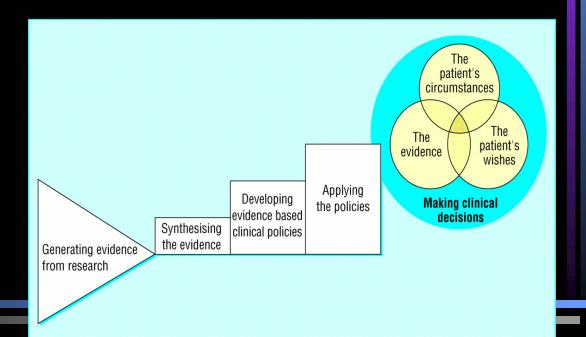


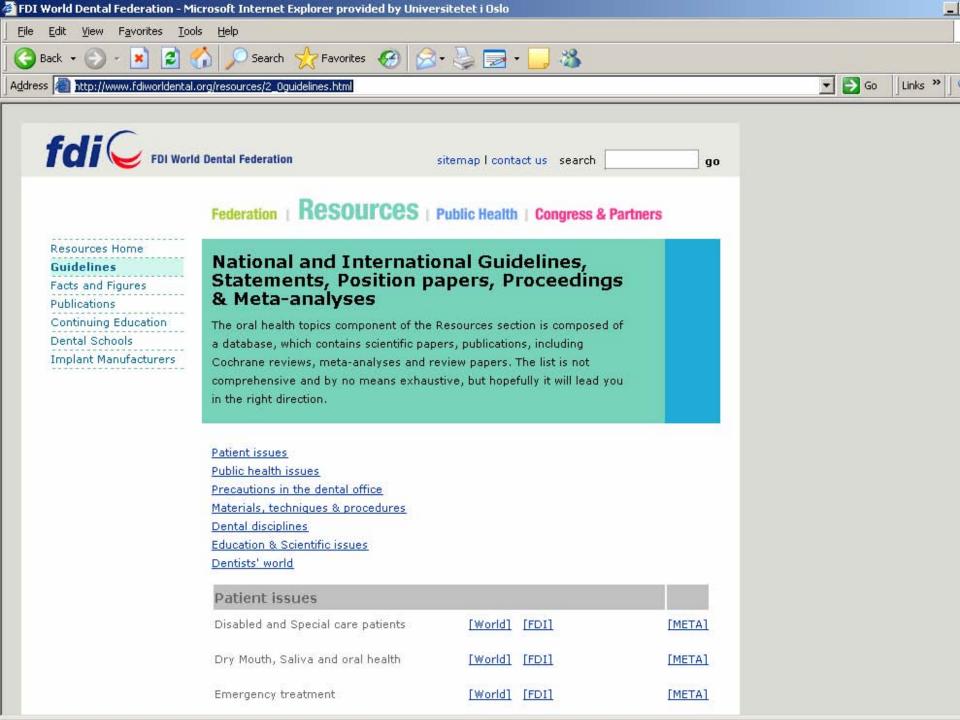


Search for evidence "Web-medicine"

- General search
- Medical databases
 - Medline
 - ISI
 - Embase, Cinahl
- Medical metasite searching
- Primary publications
- Evidence-based Practice

1. Practice protocols, policies and guidelines based on evidence-based principles





implants - Microsoft Internet Explorer provided by Faculty of Dentistry Edit View Favorites Tools



















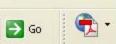










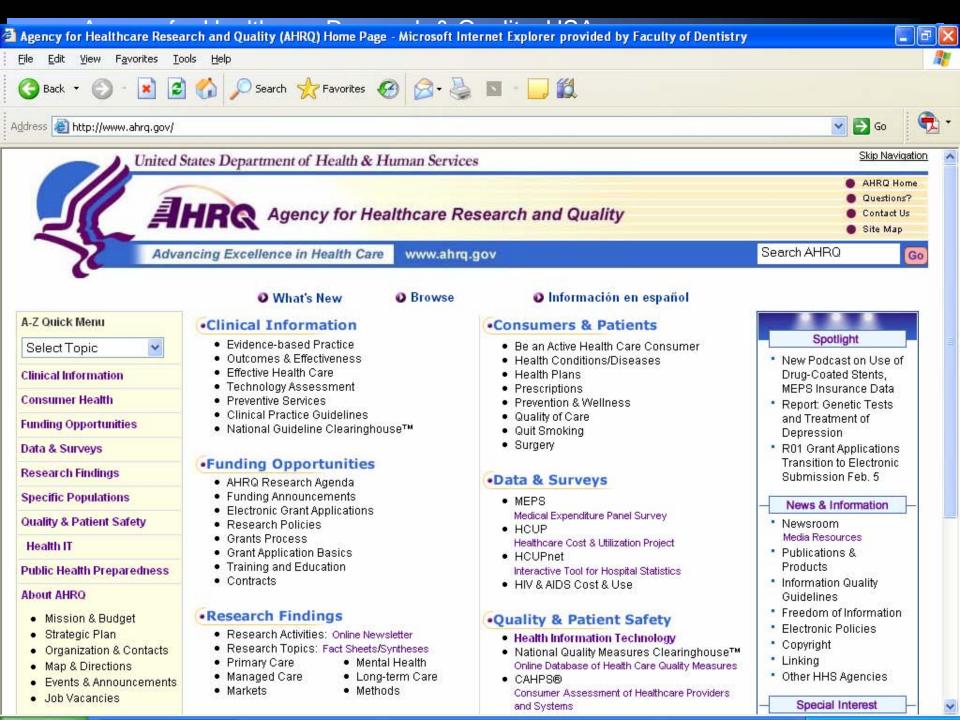


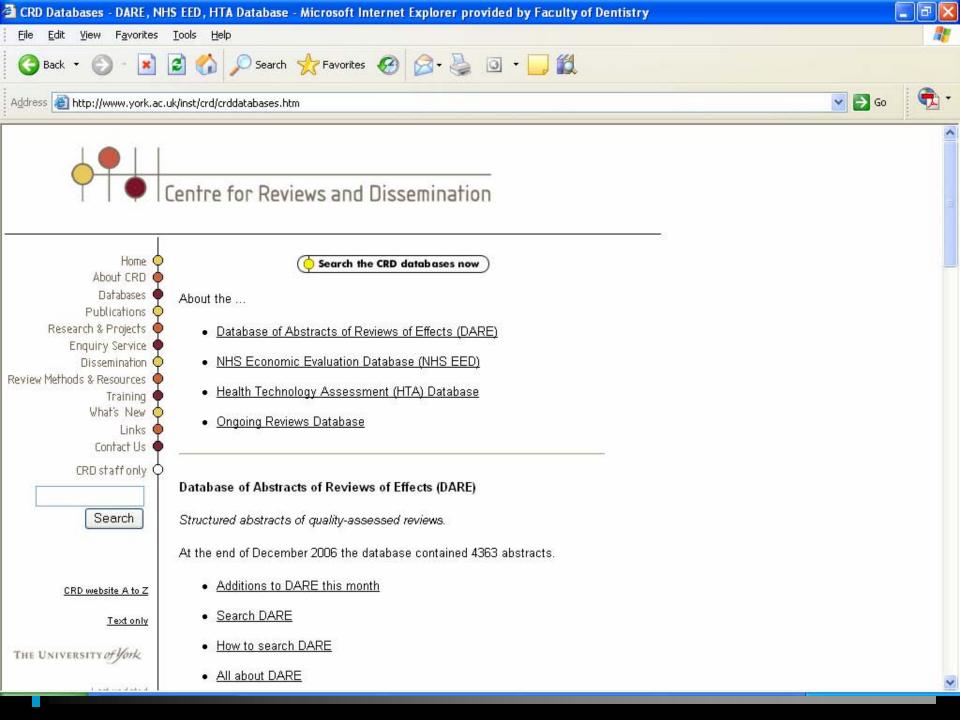
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Address http://www.fdiworldental.org/resources/assets/guidelines/implants_1.html

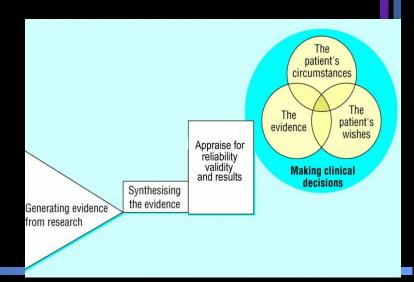
implants

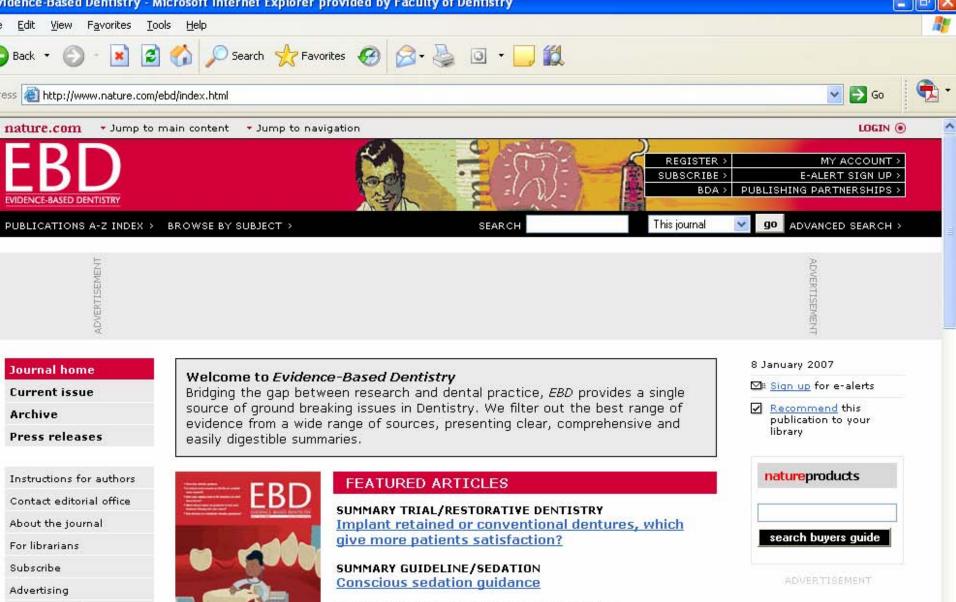
Year	Original title	Туре	Country	Source	Publish	Authors	http	ISDN	topic
2004	Dental endosseous implants: an update	Guidelines			J Am Dent Assoc 2004; 135(1): 92-7	ADA Coucil on Scientific Affairs			implants
2003	E.A.O. guidelines fo the use of diagnostic imaging in implant dentistry. A consensus workshop organized by the European Association for Osseointegration in Trinity College Dublin.	Guidelines made in Proceedings	International	European Association for Osseointegration	Clin Oral Implants Res 2002; 13(5): 566-70	Harris D, Buser D, Dula K, Grondahl K, Haris D, Jacobs R, Lekholm U, Nakielny R, van Steenberghe D, van der Stelt P; European Association for Osseointegration			implants radiology
2003	Immediate/early loading of dental implants: a report from the Sociedad Espanola de Implantes World Congress consensus meeting in Barcelona, Spain, 2002.	Proceedings	International	Workshop proceedings	Clin Implant Dent Relat Res 2003; 5(1)	Aparicio C, Rangert B, Sennerby L,			implants
2003	Quality control of dental implants	ongoing project	International	FDI Science Commission project 98-05	Project in progress	Jokstad A, Reich E	Project details		implants quality
2002	The McGill consensus statement on overdentures. Mandibular two- implant overdentures as first choice standard of care for edentulous patients. Montreal, Quebec, May 24- 25, 2002.	Proceedings and Statement	International	Proceedings	Int J Oral Maxillofac Implants 2002; 17(4): 601-2 & Int J Prosthodont 15 (4): 413-4 & Gerodontology 19(1): 3-4				implants prosthodontics
2002	-	Guidelines			1 Oral	Flanagan D.			forensic implant





- Practice protocols, policies and guidelines based on evidence-based principles
- 2. Evidence-based summaries generated by others
- Journals that critically appraise primary studies





SUMMARY REVIEW/RESTORATIVE DENTISTRY

Partial caries removal in symptomless teeth reduces the risk of pulp exposure

SUMMARY REVIEW/ORAL MEDICINE

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Prevention of oral mucositis in cancer patients treated with chemotherany or radiotherany





SUMMARY TRIAL/RESTORATIVE DENTISTRY

Implant retained or conventional dentures, which give more patients satisfaction?

Are implant-retained mandibular overdentures better than conventional complete dentures?

96 (1 of 2)

Allen PF, Thomason JM, Jepson NJ, Nohl F, Smith DG, Ellis J. A randomized controlled trial of implant-retained mandibular overdentures. J Dent Res 2006; 85:547-551

Design This was a randomised controlled trial (RCT) set in a dental hospital.

Intervention The implant group (IG) had two implants placed in the interforaminal region of the lower jaw followed (after healing) by a denture fixed to the implants by a ball attachment mechanism. In the conventional dentures group (CG), dentures were constructed using conventional replacement denture techniques. Patients in the IG had conventional upper dentures made in the same fashion.

Commentary

This very interesting study is the first RCT in dentistry where the post-randomised single-consent design described by Zelen in 19791 has been used. The rationale for introducing a study design where the participants are randomised before acquiring consent was that it might enhance patient recruitment to clinical trials. Interestingly, not many trials in biomedicine have applied this design, and the majority of those that have suggest that the reason is to avoid bias due to a Hawthorne effect a distortion of the results caused by the response the participants to the special attention they receive from researchers rather than to improve recruitment.2

Many, if not most, interventions in restorative dentistry and



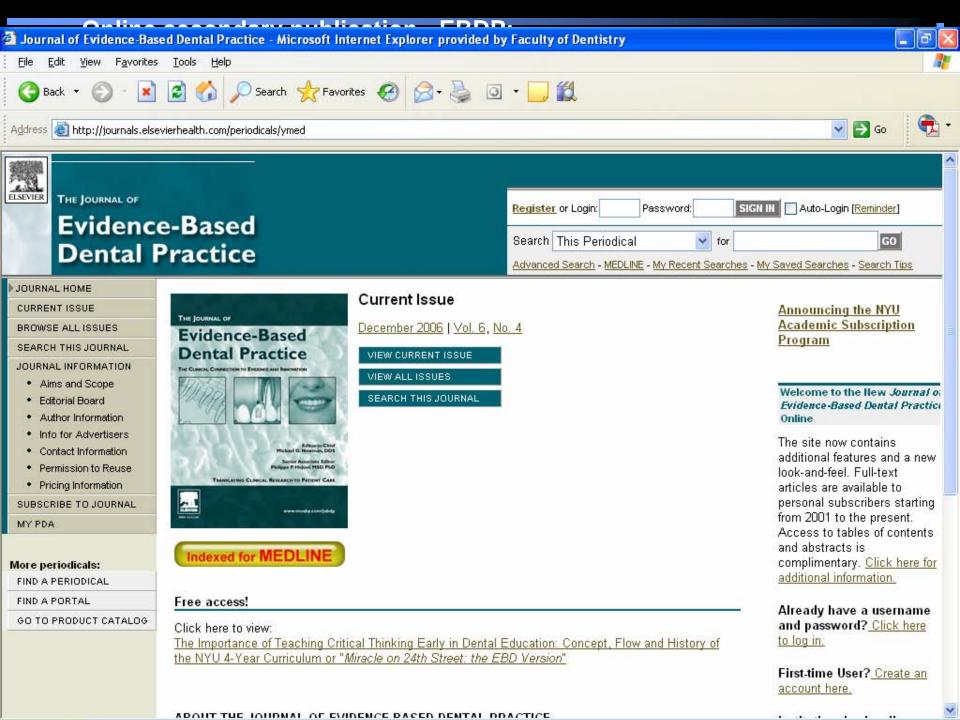






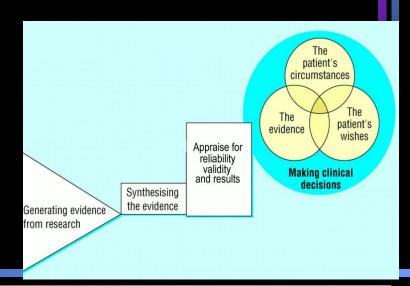


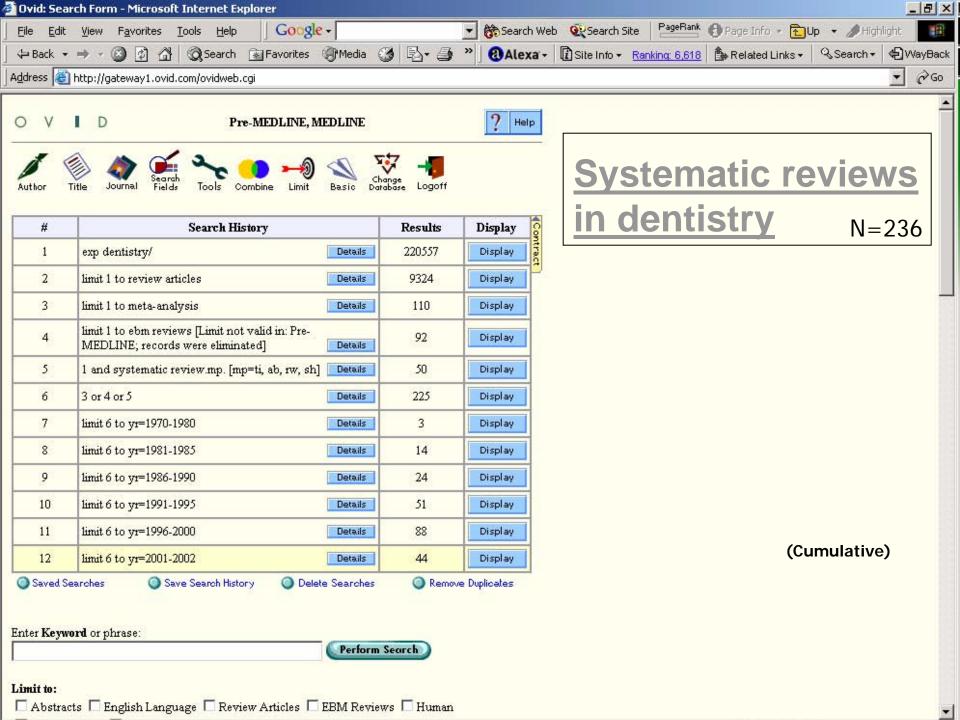


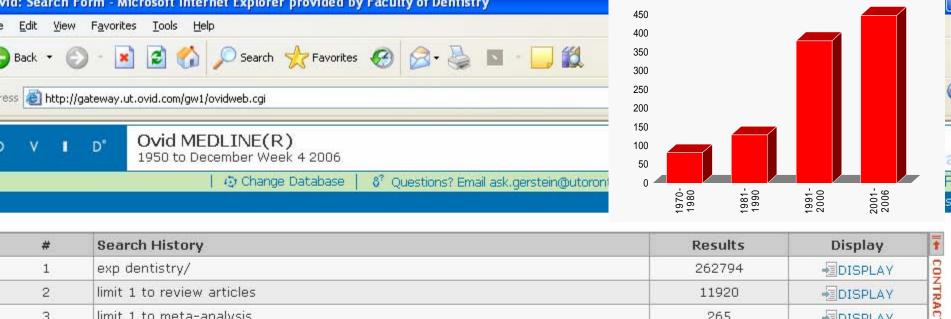


EBD in daily practice

- Practice protocols, policies and guidelines based on evidence-based principles
- 2. Evidence-based summaries generated by others
- Journals that critically appraise primary studies
- Systematic reviews







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3	limit 1 to meta-analysis	265	DISPLAY
4	limit 1 to ebm reviews	760	DISPLAY
5	1 and systematic review.mp.	197	DISPLAY
6	3 or 4 or 5	1066	DISPLAY
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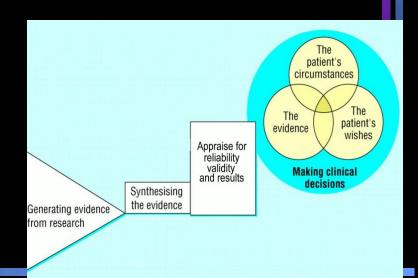
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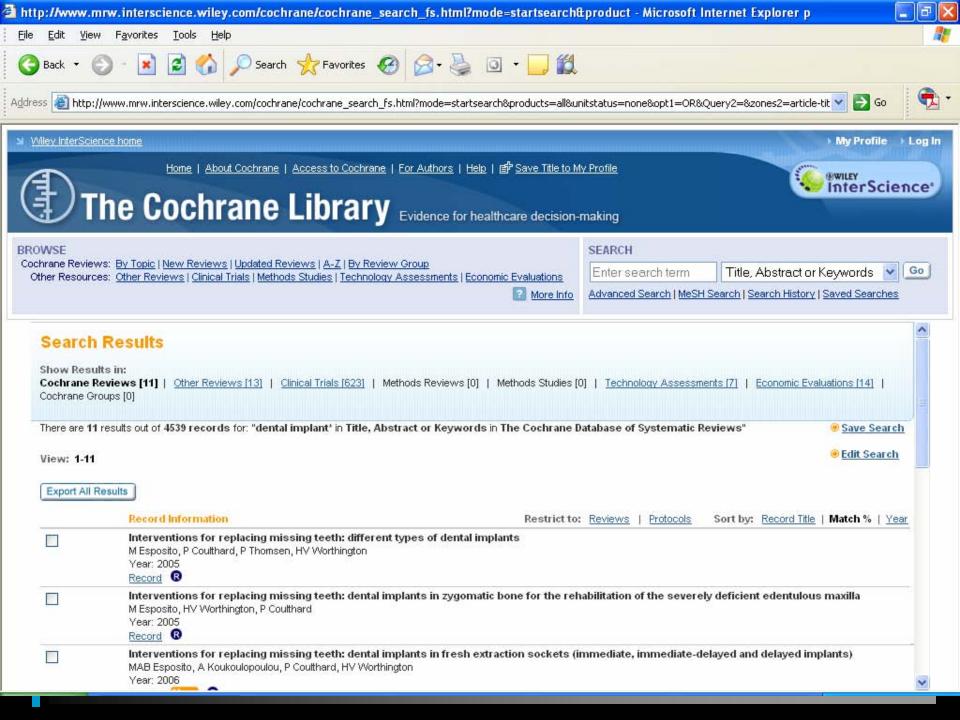
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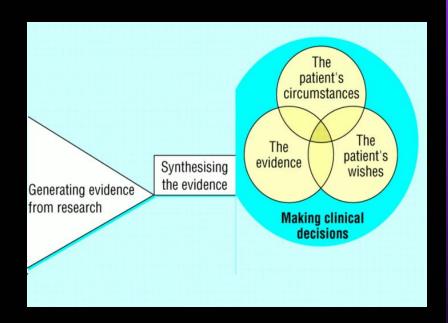
- Practice protocols, policies and guidelines based on evidence-based principles
- 2. Evidence-based summaries generated by others
- Journals that critically appraise primary studies
- Systematic reviews
 - Cochrane Collaboration
 - NHS R&D
 - Literature

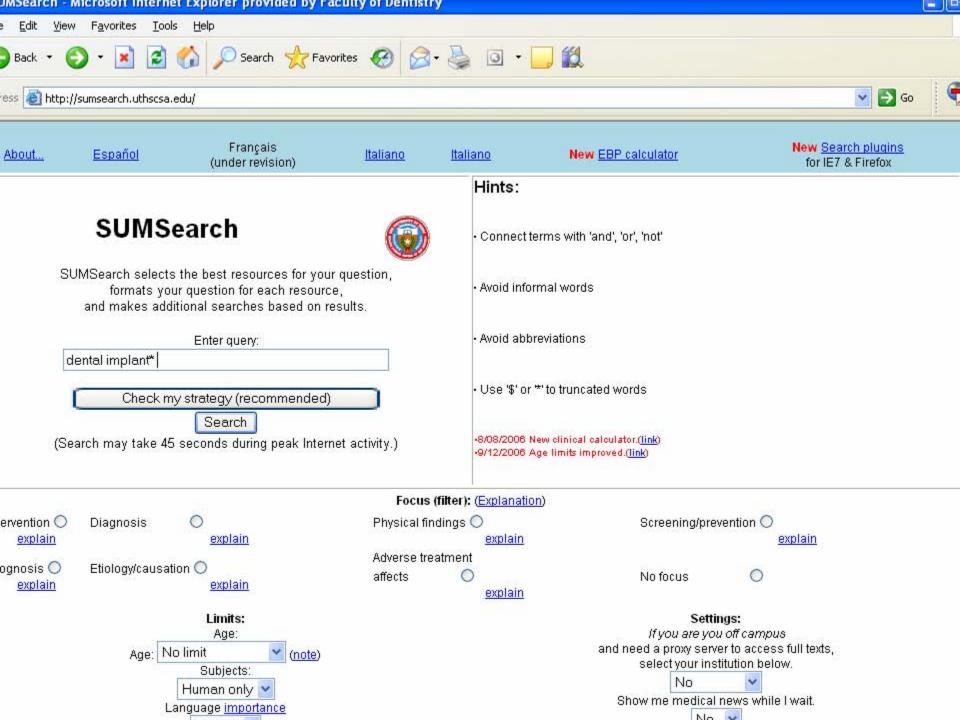


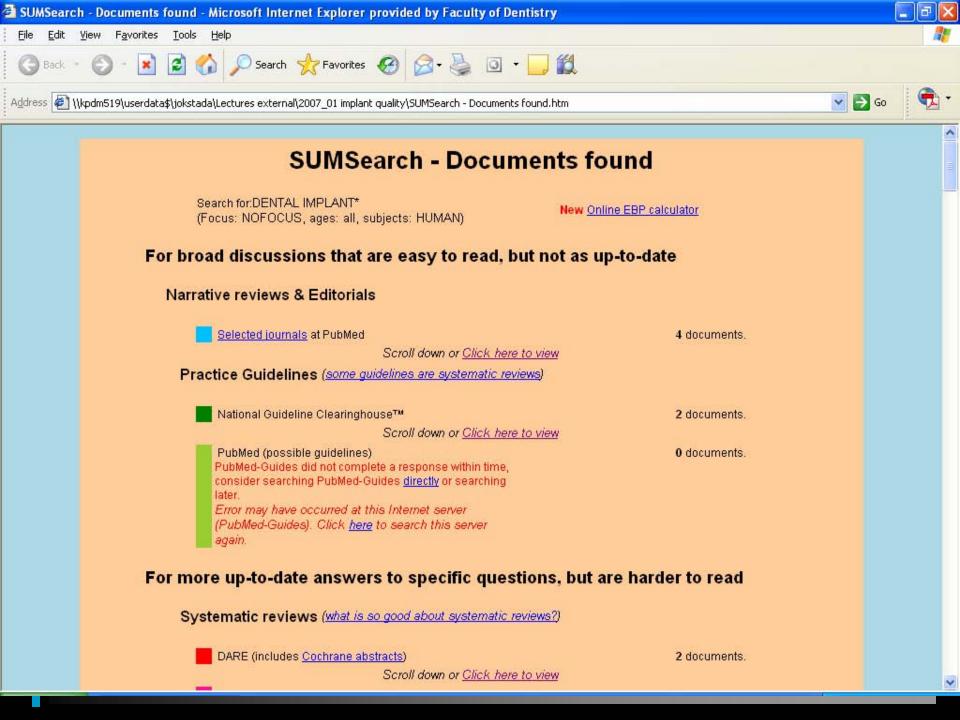


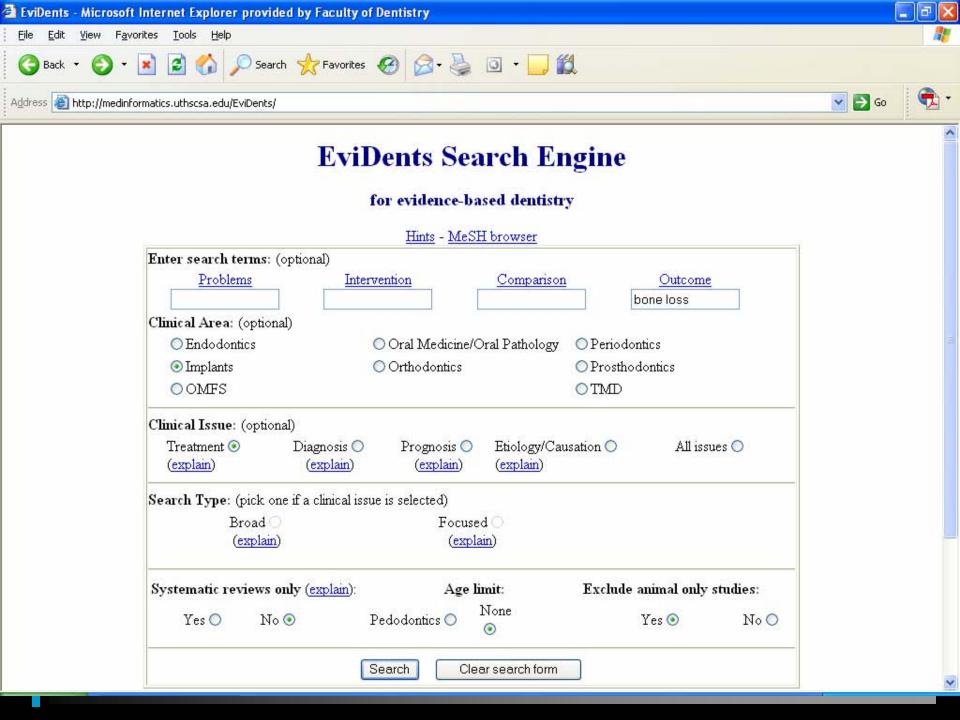
3. Evidence-based science

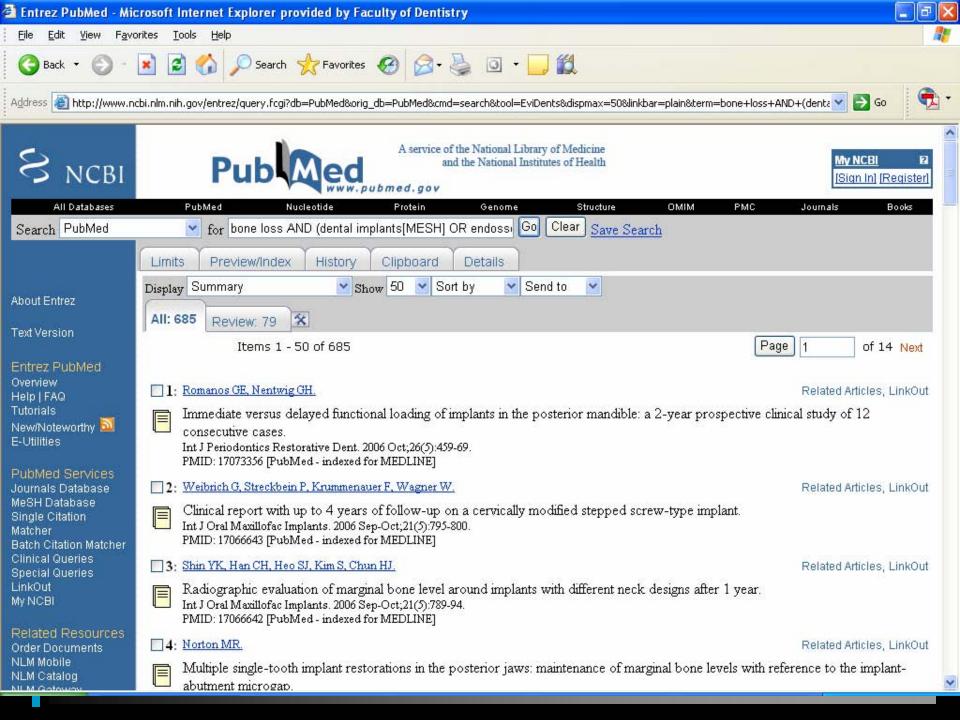
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- 3. Evidence-based science
- Websearch
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