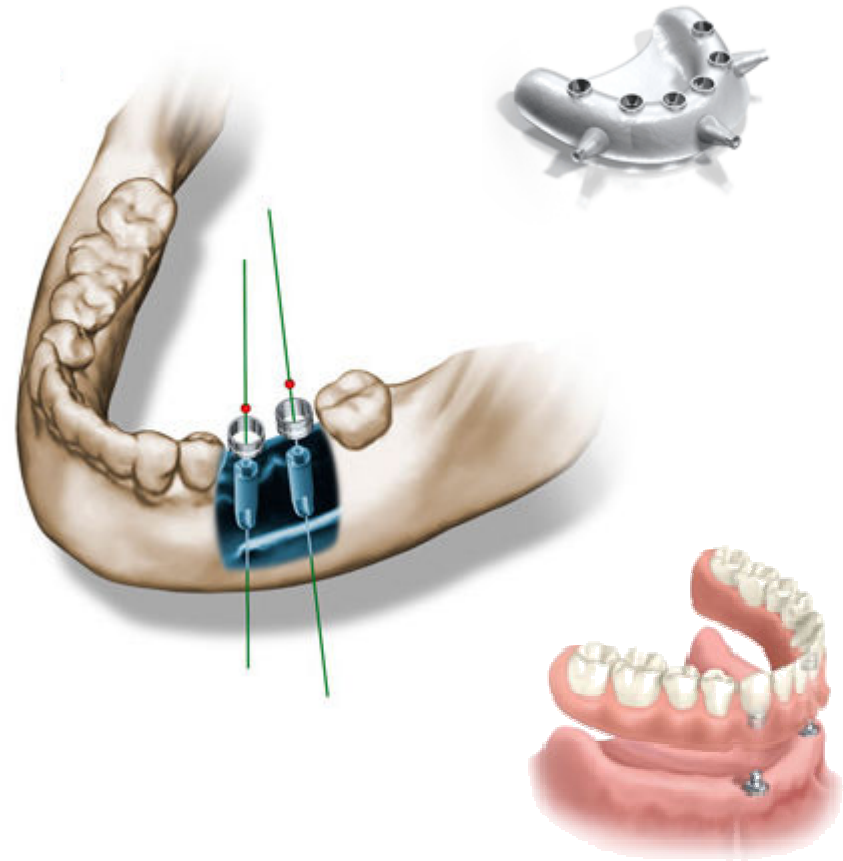

Dental students experience in e-learning

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School of Dental Medicine
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Dental education

- theoretical knowledge (shared, widely available)
- skills needed to perform various health related procedures (specific, patient bound)



E-learning in dental education

- Challenges for e-learning in dental education
 - Virtual environments
 - Comprehensive tools
 - Repositories of specific clinical materials
- Teledentistry
 - Postgraduate, continuing education, distant locations diagnostics

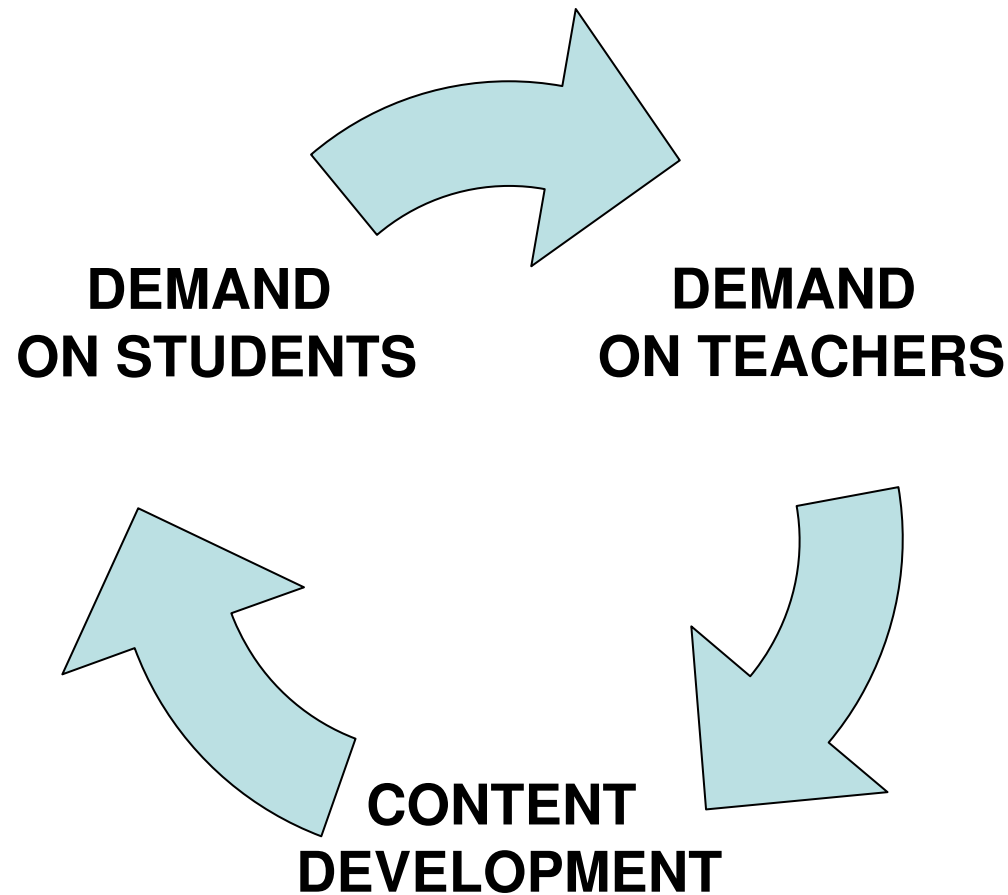


Acquiring skill over Internet

- Limits
 - Absence of real patient to student contact
 - Absence of (unobstructed) clinical information
- Possibilities
 - Gathering of anamnestic data and decision making
 - Diagnostic skills – Virtual patient
 - 3D and multimedia content



Resources at school of dental medicine



Gnatologija@net

Gnatologija@net

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Online priručnik



Nastava i obavijesti



Pitanja i odgovori



Linkovi i literatura

Na ovu stranicu vraćate se klikom na znak dolje

Gnatologija@net

Vaše komentare pošaljite na ovu [e-mail](#) adresu

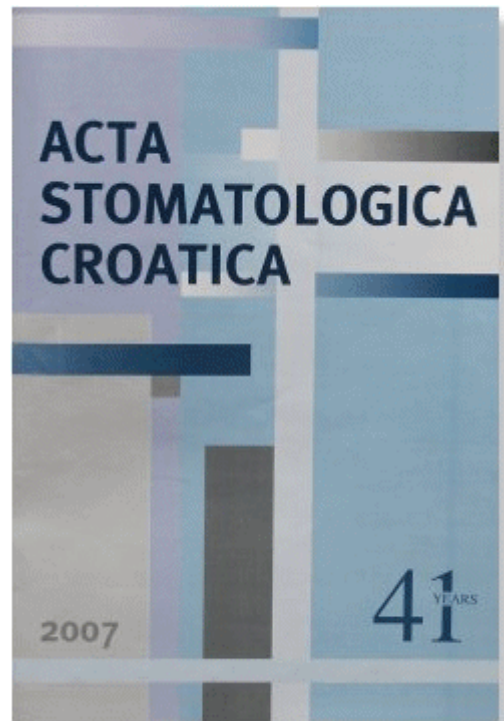
*Ove stranice izrađene su uz pokroviteljstvo
Ministarstva znanosti i tehnologije RH
kao internet projekt MZT-a*

*Za pregled sadržaja na ovim stranicama potreban je browser iznad
generacije 4.0 i Flash 5 plugin, preporučena rezolucija 800x600*

english 



ASCRO@NET



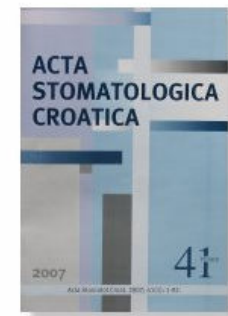
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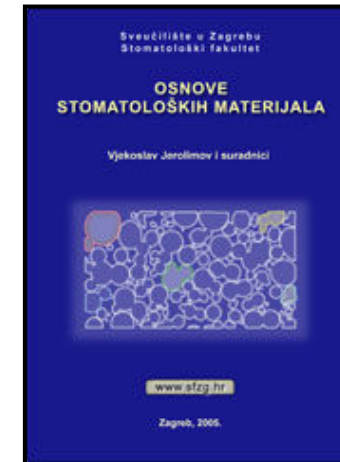
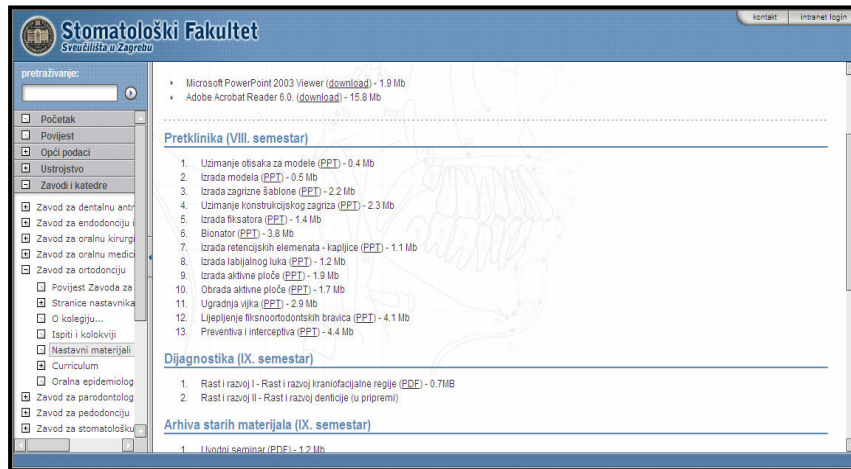


Editorial



Stomatološki Fakultet
Sveučilišta u Zagrebu

Virtual literature



- Dental materials – online textbook
- Lectures (PDF, PPT)
- SONDA



Online dictionary

First Online Dictionary of Dentistry

www.dictionaryofdentistry.com

English-German-Croatian Dictionary of Dentistry

Translate from:

English

Insert word:

Search!

About dictionary :: All rights reserved © Marin Vodanović
University of Zagreb School of Dental Medicine



Stomatološki Fakultet
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Possibilities and forecommings

- E-repository of clinical data – patient bound
- Repository of clinical cases
- Online skill training
- Virtual enviroment for postgraduates and continuing dental education



SECOND PART



Students perception

- usage of the internet and virtual textbooks as a literature resource
- active involvement by searching and choosing from the online resources
- evaluation of the data quality





- new, interesting and motivational - (students') interaction and discussion



Availability and usage

Idealy

- internet is commonly used so the availability should be at it's most
- the web sites are updated continually, so information is new and up to date

Reality?



Problems in usage

- access to the Internet ?
- knowledge of using personal computers ?
- knowledge of English ?
- dependence on few public personal computers

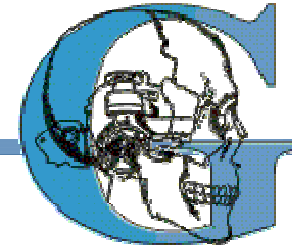


Benefits and downsides

- students are encouraged to use the Internet as a source for their learning materials
- involvement in creating something gives students a big motivation to understand the subject they are dealing with. Students are more interested
- cost effective for student budget and time
- falling interest in classical teaching methods - lectures



Examples



- Curriculum of Gnathology (Occlusion of the teeth)
 - Lectures
 - Student's seminars and presentations
 - Clinical excersises
 - Self evaluation
 - Examination



Student seminar work



Clinical exercise

- Working in pairs – selfexamination
- Results were inputted in online database
- Results were graded



Self evaluation

- Hardest part
- Everybody graded work of the others
- Strict rules to do it objectively



Examination

Includes:

- Points from clinical exercise
- Points from student seminars
- Points from selfevaluation
- Points from online written exam



Gnatologija-kolokvij, 3/15/2002 1:10:21
Davor Ilić, BTJME, 127.0.0.1
Uspješnost testa: 3 / 15

1. Makula je

- 1) jedinu primarna kost glave
- 2) s vomerom i lini tvrdi nepce
- 3) lokalno kompaktna i neporučna kost
- 4) neparna kost koja čini gornju čeljust
- 5) završna šuplja kost

Točan odgovor: 5. Odgovoreno: 5

2. Gnatologija

- 1) je znanost i stomatološka disciplina
- 2) bavi se funkcijom završnog sustava
- 3) bavi se poramnosajama funkcije završnog sustava
- 4) uključuje ranjiv prilagodavanje i usavršavanje artikulatira i sličnih uređaja
- 5) sve od navedenog je točno

Točan odgovor: 4. Odgovoreno: 3

3. Uzroci temporomandibularnih poremećaja mogu biti

- 1) psihčke neravi
- 2) anatomske neravi
- 3) poremećaji u funkciji mišića i živčanog sustava
- 4) nepravilna zglobova tijela i hrskavina
- 5) sve od navedenog je točno

Točan odgovor: 5. Odgovoreno: 3

4. Lateralna kretanja mandibule

- 1) određena je incizalnim vodnjicima
- 2) ograničena je ligamentima zglobova kapsule
- 3) prema lijevo dopada se pomakom zglobova na lijevu stranu prema dolje, naprijed i lateralno
- 4) nije moguće osim u položaju centricne relacije
- 5) ništa od navedenog nije točno

Točan odgovor: 2. Odgovoreno: 4

5. Mandibula je

- 1) pama kompaktna kost
- 2) jedina primarna kost glave
- 3) su građi male kompaktna od makula
- 4) sastavljena od corpusa, koronoidnog i manikularnog nastavka
- 5) ništa od navedenog nije točno

Točan odgovor: 2. Odgovoreno: 4

6. Artikulatori služe za:

- 1) kompenzacija neujednačenosti usnitar TMJ-a
- 2) pružanje pronosneju prostornih odnosa donje čeljusti u mehanicki trodimenzionalni prostor
- 3) prenošenje brzine gibanja čeljusti
- 4) prenošenje samo translacijske kretanje
- 5) prenošenje samo translacijske kretanje

Točan odgovor: 2. Odgovoreno: 4

7. Artikuacijski papir uporabljen pri gnatološkim testiranjima smije najviše biti deo

- 1) 10 mikrometara
- 2) 1 mm
- 3) 0,5 mm
- 4) 40 mikrometar
- 5) 100 mikrometara

Točan odgovor: 4. Odgovoreno: 3

8. Incizalni koščić obavezan je dio svih prilagodljivih i poluprilagodljivih artikulatira, a omogućuje određivanje visine zagrizi u artikulatiru

- 1) prva tvrdnja je točna
- 2) druga tvrdnja je točna
- 3) prva i druga tvrdnja su točne i povezane
- 4) prva i druga tvrdnja su točne ali nepovezane
- 5) ništa od navedenog nije točno

Točan odgovor: 3. Odgovoreno: 5

9. Svraha elektromiografskih ispitivanja je:

- 1) subjektivna procjena aktivnosti mišića
- 2) nejzrazljiva kontaktnih točaka
- 3) montaža u artikulatir prema individualnim vrijednostima



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Wishes 😊

- It would be perfect to be able to practice diagnosis and have insight in patient (data) source where students could find different kinds of symptoms and diagnosis
- As we are already using the internet as a source of information, we could also share knowledge, information and experience with other students all around the world



Thank you!

