General Medicine and Surgery in Dentistry

Prof. Mark Greenberg
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ADEE 2014
Prof. Mark Greenwood
A little more about me....
Medical doctor

Joined ACTA Dental
Teaching dental students in Bachelor
- pathophysiology
- internal medicine
- pharmacology
- resuscitation
Teaching dental students in Bachelor AND in Master

- pathophysiology
- internal medicine
- pharmacology
- resuscitation

- Actual dental treatment in medically complex patients (ASA 3 and 4) by students as 
  elective topic in Master
More elderly people in dental practice
More chronic illnesses and medication use in elderly
More medically complex patients
More often own dentition
Better oral hygiene
Dental implants in patients >65 yrs

SIG General Medicine and Surgery in Dentistry, 2015
Teaching ALL dental students in Bachelor AND in Master
- pathophysiology
- internal medicine
- pharmacology
- resuscitation

- Actual dental treatment in medically complex patients (ASA 3 and 4) by students as **mandatory** topic in Master
Teaching ALL dental students in Bachelor AND in Master

- pathophysiology
- internal medicine
- pharmacology
- resuscitation

- Actual dental treatment in medically complex patients (ASA 3 and 4) by students as *mandatory* topic in Master
STUDENTS?

NO.
A Connective Model for Didactic Design

External factors

Teacher(s) → Learner(s)

Time → Goals

Evaluation → Content

Activities → Contexts

ICT

Teacher Factors

Ass

Chat

Forum

Journal

Wiki

Lesson

Quiz

Riis.2010
"We should be addressing the needs of students, not the needs we remember we had."

- Lisa Benson, associate professor of engineering and science education at Clemson University
Student Centered Blended Learning

- Teacher led Instructions
  - Face to face sessions
  - Interactive
- Printed Instructions
  - Traditional study material
- Computer Mediated Instructions
  - Digital
  - Visual
  - E-learning
- Web based Assessments
  - Feedback
  - Reflection
  - Outcomes
Internet Enabled Devices in Households With Kids Age 6-12

- Laptop: 81%
- Desktop: 80%
- Mobile phone: 69%
- Tablet: 37%
- iPod Touch: 39%
- E-reader: 26%
- Netbook: 17%
- Web-enabled TV: 16%

Source: IpsosCT LMX Family Study

Percentage of adults who go online wirelessly, by generation:

- Millennials (18-33): 82%
- Gen X (34-45): 71%
- Younger Boomers (46-55): 55%
- Older Boomers (56-64): 46%
- Silent Generation (65-73): 33%
- G.I. Generation (74+): 9%
- All online adults (18+): 59%

More elderly people in dental practice
More chronic illnesses and medication use in elderly
More medically complex patients
Internet is everywhere
Digital student generation
More e-learning

SIG General Medicine and Surgery in Dentistry, 2015
Dutch graduated dental student from Amsterdam
SIG General Medicine and Surgery in Dentistry
Welcome to Riga and the 40th ADEE Annual Meeting
‘Emerging New Approaches to Dental Education’
28th-30th August 2014

SIG: Promoting Medical Education in Dentistry.....
Develop a European e-learning platform on medical education in dentistry.
Choose an appropriate platform

European E-learning program for medicine in dentistry
Develop pilot e-learning modules

European E-learning program for medicine in dentistry
Couple this to a data and research program.

European E-learning program for medicine in dentistry.
Evaluate and expand the topics.

European E-learning program for medicine in dentistry
Grants

The Commission makes direct financial contributions in the form of grants in support of projects or organisations which further the interests of the EU or contribute to the implementation of an EU programme or policy. Interested parties can apply by responding to calls for proposals.

Agriculture, fisheries and foods

- Animal welfare
- Aquaculture
- CAP
- CFP
- Plant health
- Rural development

Business

- Climate action
- Competitiveness
- Enterprise and Industry
- Free movement
- Internal market
- SMEs

Culture, education and youth

- Audiovisual services
Help?!

Interested to discuss this project in future ADEE/SIG meetings?
Interested to participate in European think tank about e-learning content?
Suggestions/sharing experience in e-learning?