MODERN EDUCATION

DIGITAL INTEGRATION
PEOPLE MAKE THE CHANGE - TECHNOLOGY GIVES THE TOOLS

**The lessons learned during 2013-17
in the Medical University of Vienna
with 8000 students and 50 teachers**

- AND IN OVER 40 OTHER UNIVERSITIES ...

Ismo Ripatti, MD
medical education system designer

Initiators in Vienna Experiment:
Erwin Tschachler, MD, Prof.
Dept of Dermatology
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Dept for Medical Education
- part of Vienna University

THE INTERACTIVE PRESENTER TM SYSTEM
DESIGNED BY DOCTORS
FOR DOCTORS TEACHING DOCTORS

MODERN MEDICAL EDUCATION

Case: Dermato-Venereology Course held in Jan 2013-15 in the Medical University of Vienna

The course on dermato-venereology was given for the third time to around 700 medical students by some 40 teachers in January 2015. It was arranged by the Department of Dermatology, Medical University of Vienna. An Online Communication and Feedback Wall was tested.

The five lessons for Interactive Presenter™ integration system use - INTELLIGENT LEARNING ENVIRONMENT from Finland - according to MD Ismo Ripatti, Dolphin Interactive:

1. A traditional textbook SURVIVES as one tool - it gains additional value from open platform digital textbooks and drills in interactive format.
- Use: ICONOPOLL.COM - for formative assesment.
2. Group study, tutors, peers and social media help in engaging students.
- Use: sms, all available social media.

3. Interactive clinic provides a possibility for *Dialogue* - to test students´ understanding and problem solving skills - an integrated *Online Feedback Wall* Questions allows focus on issues not understood.
- Use: INTERACTIVE PRESENTER™ SYSTEM.
4. Exams can be conducted legally and safe with the help of electronic tools.
- Use: INTERACTIVE PRESENTER™ system inbuild student strong identification processes.

5. Validation of teaching approaches is of high importance. Monitoring students´ problem solving skills is essential - individually and in long term, over time.
- Use: INTERACTIVE PRESENTER™ database systemtools to follow of large amounts of collected data (sk. Big Data Analysis Tools).

Study alone or in small groups with tasks on internet

Students read books alone or in small groups and make related home works with tasks on internet. Social Media, emails and sms are shown useful as activator and information delivery.

Interactive Clinic - every morning

A mandatory part of study for everyone. Presence controlled electronically with Interactive Presenter™ system.

Problem solving

Control of student understanding with continuous patient case problem solving skills using Interactive Presenter™ guides lecturer to strengthen learning the right issues.

Test-Yourself Exams
Exams over the contents of the ongoing week (TEST YOURSELF) and the final exam at the end of the course.

MEDIZINISCHE UNIVERSITÄT WIEN

Students´ own equipment in use

53,7% had their own Smartphone, 15% a laptop PC and 22% a tablet. The university provided the Interactive Presenter™ clickers for all students. All equipment is used parallel with the help of the integration features of the Interactive Presenter™ System. It allows a non-platform depended use – in multiple and remote locations also.
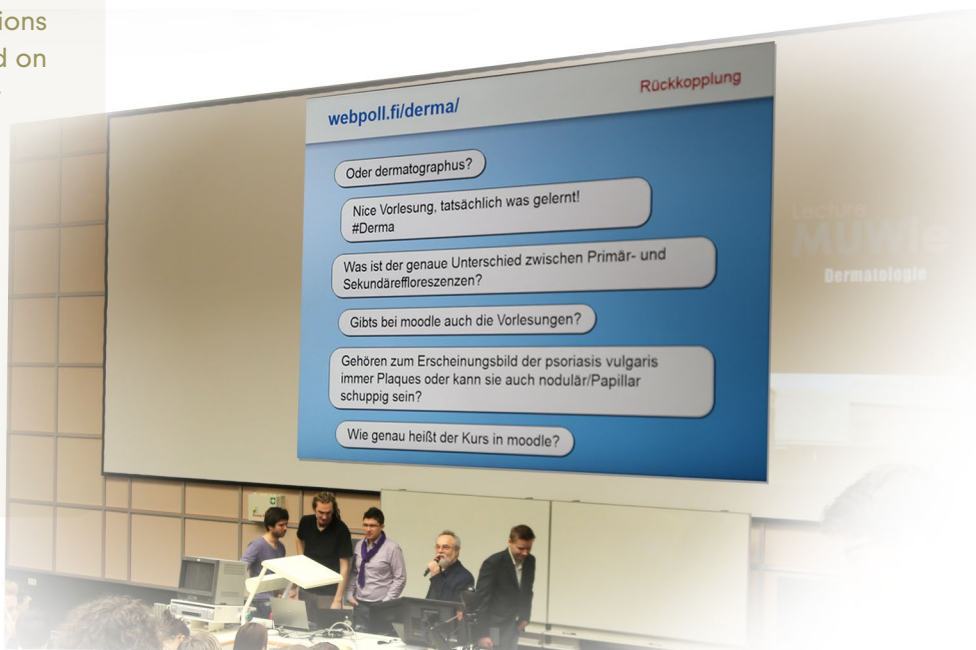
Open platform – Windows, Mac and Android.

Online MSGs
A sophisticated and unique, secure text data transfer integration to retain all student MSG feedback and questions online to lecture halls – all data saved on presenting university computers only – and shown in public, after filtration.

A separate lecture on questions and presented problem items can be held accordingly.

Comments, Questions and Feedback in Mass Lectures SAFE AND SECURELY

webpoll.fi/derma/   Rückkopplung

Oder dermatographus?

Nice Vorlesung, tatsächlich was gelernt! #Derma

Was ist der genaue Unterschied zwischen Primär- und Sekundäreffloreszenzen?

Gibts bei moodle auch die Vorlesungen?

Gehören zum Erscheinungsbild der psoriasis vulgaris immer Plaques oder kann sie auch nodulär/Papillar schuppig sein?

Wie genau heißt der Kurs in moodle?

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Microsoft Office 2013, 2016 compatible
Windows 8, 10 compatible