

mEducator Consortium

1. Aristotle University of Thessaloniki, GR



2. University of Cyprus, CY



3. Democritus University of Thrace, GR



4. SITUSI Limited, IR



5. Technical University of Cluj-Napoca, RO



6. Université Nice Sophia Antipolis, FR



7. Medical University Plovdiv, BG



8. Università degli studi di Catania, IT



9. University of Helsinki, FI



10. St George's Hospital Medical School, UK



11. Succubus Interactive, FR



12. The Open University, UK



13. Coventry University, UK



14. European Cervical Cancer Association, FR



eContentplus



eContentplus

mEducator

Multi-type Content
Repurposing and Sharing
in Medical Education

Information:

Panagiotis D. Bamidis
Project Coordinator

Lab of Medical Informatics
Medical School
Aristotle University of Thessaloniki
PO Box 323, 54124 Thessaloniki,
GREECE

E-mail: bamidis@med.auth.gr

Tel: +30-2310-999310

Fax: +30-2310-999263

mEducator

**Multi-type Content
Repurposing and Sharing
in Medical Education**

Best Practice Network
Duration: 05/2009-04/2012

This project is funded under the eContentplus programme, a multiannual Community programme to make digital content in Europe more accessible, usable and exploitable

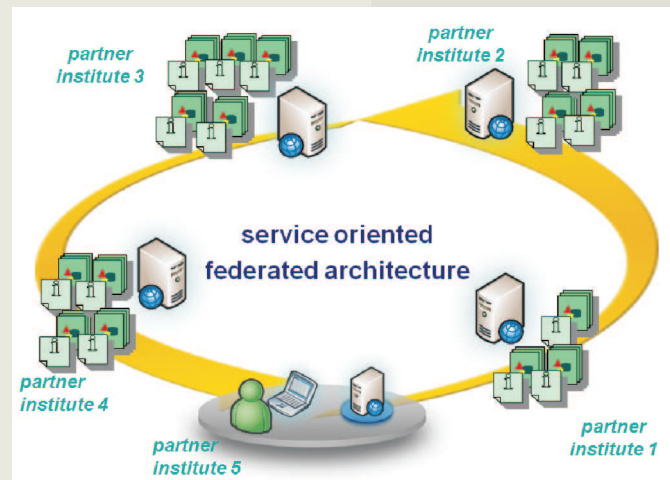
ECP 2008 EDU 418006



The aim of mEducator is to implement and critically evaluate existing standards and reference models in the field of e-learning. Its scope is to enable specialized medical educational content to be discovered, retrieved, shared and re-used across European higher academic institutions.

Challenges in Medical Education:

- How to provide expert knowledge to remote institutions
- How to communicate and exchange expertise in skills and competences
- How to re-purpose educational content to make it easily shared across institutions, among medical teachers and students
- How to access high quality training material re-purposed for a particular educational context
- How to exploit active learning approaches and make the most of user-generated content



Objectives of mEducator

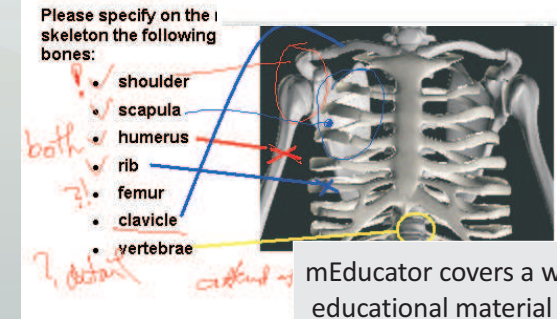
- Identify and collect a critical mass of different educational material types
- Examine to what extend
 - existing standards for description of educational material can address all types of health educational material
 - existing standards support the packaging and seamless delivery of all types of material
- Examine possible extensions of existing ontological schemata, which describe the semantics of Learning Objects
- Provide recommendations for standards extensions
- Interact with standardization bodies to adopt recommendations

mEducator will seek the best practice by comparing 2 solutions:

1. Exchanging Content via "mash-up" technology and Web 2.0 tools for loosely coupled isolated LCMSs
2. Exchanging content via Semantic Web Services technologies for federated LCMSs

Target Users of mEducator are:

- ♦ Medical Educators (clinical/non clinical, in academia)
- ♦ Medical Students (under- and post-graduates)
- ♦ Residents & Specialized Doctors (continuing medical education)



mEducator covers a whole range of educational material types:

- text
- exam sheets
- algorithms
- teaching files
- medical cases
- collaborative PBL material
- Web 2.0 user-generated content
- computer simulations
- serious medical games
- electronic virtual patients
- electronically traced anatomies
- ...

