



Medical Curriculum Innovations

# Transnational project meeting

Thessaloniky, June 22, 2017



Aristotle University of  
Thessaloniki



# Medical Curriculum Innovations

09:00-10:30

09:00-09:15 Opening by Panos Bamidis

09:15-09:45 Nabil Zary "Cognitive Computing meets Medical Education: Smarter Educational Data"

09:45-10:05 Stathis Konstantinidis "Building healthcare workforce curricula based on the crowd: The CAMEI approach"

10:10-10:20 Dimitrios Goulis, "Updating the Medical Curriculum at AUTH: principles and lessons learned so far"

10:20-10:30 MEDCIN project overview by Martin Komenda (introduction to next session)

Coffee Break 10:30-11:00

11:00-12:30

Curriculum mapping: motivation, goals and challenges (Luke Woodham, SGUL) – discussion, 20 min

A Pilot Medical Curriculum Analysis and Visualization According to Medbiquitous Standards (Martin Komenda, MU) – presentation, 20 min

MEDCIN platform: How to explore medical and healthcare curricula (Martin Komenda & Matěj Karolyi, MU) – demonstration, 20 min

Questions and answers (Martin Komenda, Matěj Karolyi, Dimitris Spachos, Luke Woodham) – discussion, 30 min

# 1st year: Project overview

- O<sub>1</sub> – Guidelines on medical curriculum standardization
  - [COMPLETED](#)
- O<sub>2</sub> – Standardization of OPTIMED
  - [COMPLETED](#)
- O<sub>4</sub> – Advanced methodology
  - The final document must be written
  - The guideline of the MEDCIN platform
- O<sub>5</sub> – Analysis, evaluation, mapping and comparison of medical curricula
  - [COMPLETED](#)

# 2<sup>nd</sup> year: Project schedule

- O3 – Assessment study & Promotion endeavor
  - Leading by SGUL
  - MedBiq standards
  - Data models (MEDCIN, OPTIMED) + description
  
- O6 – Module testing and assessment & Promotion endeavour
  - Leading by AUTH
  - Evaluation of all feedbacks from workshops
  - Feedbacks form testing from all partners
  - Google analytics – user behavior statistics – project website
  - Heuristic metrics

# Publishing strategy (Leading by KI)

- Standardization in medical education: review, collection and selection of standards to address technical and educational aspects in outcome-based medical education
  - In review (MEFANET journal)

# Publishing strategy (Leading by KI)

## ■ Platform for medical curricula innovations: Critical review

- Introduction **Dimitris**
  - RQ: TBC
- Methods
  - platform development **IBA**
    - db architecture, design, prototype, model for accessing imported data **IBA**
  - Methods for import (from OPTIMED to MEDCIN **IBA**)
  - testing and critical assessment **Luke**
- Results
  - Case study: MEDCIN platform **IBA**
    - DB model, app architecture
  - data import - who, what, how **IBA**
  - feedback (Workshop Brno, Workshop Stockholm, Evaluation in focus groups) + testing **Christos**
- Discussion **Dimitris + Christos + Luke**
  - How we access? - data retrieval (Dimitris' idea)
  - Focus groups benefits (students, teachers,...)

# Publishing strategy (Leading by KI)

- MEDCIN presentation

- The MEDCIN project - describing outcome-based medical curricula using MedBiquitous standards
  - MedBiquitous conference, Baltimore, June
- Towards a Keyword Extraction in Medical and Healthcare Education
  - FEDCSIS 2017 conference (in review)
- MEDCIN: Platform for curriculum overview and analysis
  - Central Asia Medical Education Conference, Karaganda, October

# MEDCIN platform: summary

- All modules are developed, tested and implemented
- OpenCPU + R scripts



 MEDCIN

Medical Curriculum Innovations

AOB



Aristotle University of  
Thessaloniki



Karolinska  
Institutet

