Izvješće o radu EFMI WG IDeS
EFMI WG IDeS - Report

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EFMI WG IDeS
Working group name: Information and Decision Support in Biomedicine and Health Care

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Main Objectives:
Decision support systems (DSS) in biomedicine and health care, in the form of various applications, guidelines or reminders, is applied more often to assist the decision making processes. The complexity of decision-making procedures in these areas caused the development of various decision support systems in order to provide help to the decision makers. DSS are using existing knowledge and evidence, helping the decision maker to make appropriate decision for the specific situation. The quality and comprehensiveness of existing evidence and knowledge that are used in such systems, influence in deriving appropriate decisions, and indirectly affects decision maker’s behaviour. DSS needs to be analysed, systematized, and validated before adopting them for routine use because of its influence on decisions and decision makers.

- Analysis of currently available Decision Support Systems in biomedicine and health care, especially in the European environment
- Classification of existing Decision Support Systems
- Definition of the recommendations set for successful evaluation and implementation of the Decision Support Systems
Relevant Activities 2013:

- Proposal of the new EFMI WG focused on DSS issues in biomedicine and health care was accepted at the EFMI STC Conference in Prague, April 17th-19th 2013.
- Presentation of the new EFMI WG at the CSMI Annual Assembly in Zagreb, Croatia, September 19th 2013.

Relevant Activities 2014:

- Presentations at One Health Symposium Slavonski Brod, Croatia, 5-7 June 2014.
- Local WG meeting during CroSMI Annual Meeting, Zagreb, Croatia, November 14, 2014.

Relevant Activities 2015:


Relevant Activities 2016:

- Lectures about Decision Support Systems at postgraduate study Leadership and Management of Health Services, University of Zagreb, School of Medicine, Zagreb, Croatia, November 24th-26th 2016. (http://lmhs.eu/)
- Predictive model development in prediction of the success of haemodialysis arteriovenous fistulas based on intraoperative vein distensibility (ongoing research and PhD thesis)
- Individual presentations
Relevant Activities 2017:

- Round table “Developing and validating clinical decision rules”, moderator: Mark Ebell, College of Public Health, Epidemiology and Biostatistics, University of Georgia, USA, April 13th 2017, venue: University of Zagreb, School of Medicine, Zagreb, Croatia
- Predictive model development in prediction of the success of haemodialysis arteriovenous fistulas based on intraoperative vein distensibility, (research, B. Fila PhD thesis defended on July 13th 2017., Zagreb, Croatia)
- Individual presentations

Relevant Activities 2018:

- Working group meeting in Croatia during EFMI STC 2018,14-16 October 2018, Zagreb,Croatia
- GO-FAR score validation in Croatian regional settings (research project)
- Individual presentations at different meetings focused on decision support topics

Relevant Activities 2019:

- Working group meeting in Croatia during BIOSTAT 2019 in Zagreb, Croatia
- GO-FAR score validation in Croatian regional settings (research project)
- Working group meeting during 14th Symposium Medicinska Informatika 2019., organized by the Croatian Society for Medical Informatics, Zagreb, Croatia, 28 – 29 November 2019
- Individual presentations at different meetings focused on decision support topics

Relevant Publications:

• Sonicki Z. Statistical Modelling and Case-Based Reasoning – Method to Capture New Experience. Presented at the One Health Symposium Slavonski Brod, Croatia, 5-7 June 2014.