MIE 2005 Workshop

Title:	Development of Good Evaluation Practice Guidelines in Health Care
Chair:	Pirkko Nykänen, Tampere University, Finland Jan Talmon, Maastricht University, Netherlands Jtte Brender, Aalborg University, Denmark
	Elske Ammenwerth, UMIT – University for Health Sciences, Medical Informatics and Technology, Austria
Speakers	See above
Date, time and place:	Monday/Tuesday, 29/30 August 2005, from … to …, room …
Supported by	EFMI-Working Group "Assessment of Health Information Systems"
	IMIA Working Group "Technology Assessment and Quality Development in Health Informatics"

Abstract:

The workshop will
1. present an overview on already existing ideas and previous work on evaluation guidelines;
2. present a structure for an evaluation guideline that is discussed among all participants and then refined;
3. enable participants to work on selected contents of the guidelines in smaller working groups and/or in plenary

Target audience

IT researchers in general and evaluation researchers in particular, as well as IT practitioners with experience in IT evaluation in health care.

Description, plan:

Information and communications technologies (ICTs) are being used increasingly in health care. It is evident that the use of modern ICT offers tremendous opportunities to reduce clinical errors, to support health care professionals, and to increase the efficiency of care. However, there are also hazards associated with such technologies in health care: modern systems are costly, their failures may have negative side effects on patients and staff and also negative impact on the quality of patient care. Therefore, rigorous, generalisable evaluation of ICT applications in health care are absolutely necessary and of great importance for decision makers and users of future information systems.

However, evaluation of health ICT applications is often considered as a rather challenging tasks, due to the complexity of the evaluation object, comprising technical and human aspects, and the complexity of the changing clinical environment. It seems thus be

helpful to have some kind of systematic guidelines that help to prepare, plan, execute and report on ICT evaluation studies.

The EFMI-Working Group "Assessment of Health Information Systems" has started an initiative to develop Good Evaluation Practice Guidelines in Health Care (GEP-HI) as well as Standard for Reporting on Evaluation Studies (STARE-HI).

The aim of the workshop is to work on structure and content of the IT evaluation guidelines. The workshop will start with an overview on already existing ideas and previous work. Then, a possible structure for the guidelines will be discussed among all participants and further refined. Finally, selected contents of the guidelines will be worked on. Depending on the number of participants, some parts of the workshop will be done in plenary, some in smaller ad-hoc working groups.

The workshop will give no introduction into IT evaluation, but will focus on the concrete work on the guidelines.

Prerequisites: Previous experience in evaluation theory and practice is helpful.

Intended results First Draft of a guideline for good evaluation practice.
Establish a network of experts to continue work with the guidelines development.