

Good evaluation of Health Informatics Applications

Moderators: Jan L. Talmon and Jytte Brender, chair and co-chair of IMIA WG on Technology Assessment and Quality Improvement.

Summary

Evaluation of Health Informatics Applications (abbrev. HI-apps) is gaining an increasing interest of both decision makers and academia. Decision makers require information about the costs and benefits of HI-apps as a foundation for their investment decisions. From a scientific point of view evaluation of HI-apps is a foundation for evidence-based health informatics.

In the past couple of years several discussions have taken place about good evaluation methods and methodologies, among others organized by the working group of IMIA on Technology Assessment and Quality Improvement (TA-QI). This increase in awareness has also led to the establishment of a working group on evaluation within EFMI. Elske Ammenwerth chairs this working group; Jytte Brender and Pirkko Nykänen are the co-chairs. A close collaboration between the working groups in EFMI and IMIA has been established.

In 2003 a group of European experts on evaluation met in Innsbruck. During that meeting the relevance of evaluation was reassessed and a workprogramme for the 2003-2004 was established. One of the immediate results of the workshop is the “Declaration of Innsbruck” (see <http://bisg.umat.at/hiseval/>). During the MEDINFO workshop results from this workshop as well as from the working groups will be presented.

Programme

Introduction by Jan L. Talmon, chair IMIA WG TA-QI

Summary of the results of the Innsbruck workshop by Elske Ammenwerth, chair EFMI WG on Assessment of Health Information Systems

Good Evaluation Practice in Health Informatics: GEP-HI by Pirkko Nykänen, co-chair EFMI WG on Assessment of Health Information Systems

A portal for evaluation in Health Informatics by Jan L. Talmon, chair IMIA WG TA-QI

An overview of evaluation methods by Jytte Brender, co-chair IMIA WG TA-QI and co-chair EFMI WG on Assessment of Health Information Systems

Standards for reporting of evaluations in Health Informatics: STARE-HI by Jan L. Talmon, chair IMIA WG TA-QI.

The speakers will give a brief introduction to the topic and the audience is invited to participate in a discussion on the topics raised. The objective of the workshop is a) to inform interested parties in the various activities, b) to solicit comments and to provoke discussion, and c) to elicit participation in further activities.

The workshop target group is expert evaluators of health informatics, decision makers and other interested parties in evaluation of health informatics including e.g. editors of journals in medical informatics, and developers of curricula in health informatics.

The speakers

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