



EFMI  
European Federation for Medical Informatics

## Working Group EVAL: Assessment of Health Information Systems

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### Activities May 2009 – May 2010

- After publishing STARE-HI, the Statement for Reporting on Evaluation Studies in Health Informatics (Int J Med Inform 2009; 78(1)), WG members are now working on
  - **miniSTARE-HI** for proceedings papers; this work is lead by Nicolette de Keizer, Amsterdam; and
  - an **Explanatory paper** elaborating and discussing details in the STARE-HI guidelines; this work is lead by Jytte Brender, Aalborg.
- The Working Group has finalized a draft of the **Good Evaluation Practice Guidelines in Health Informatics (GEP-HI)**. Those guidelines describe the activities and actors of an IT evaluation study in health informatics. This work is lead by Pirkko Nykanen, Tampere, together with Jytte Brender, Aalborg. Working documents on GEP-HI can be found at <http://iig.umit.at/efmi>.
- The WG organized a **workshop** on “GEP-HI: Introducing guidelines for good evaluation practice in health informatics” at **MIE 2009**, Aug30-Sept2 2009, Sarajevo.
- Another **workshop** on “GEP-HI: Good evaluation practice guidelines in health informatics” at **AMIA 2009** in San Francisco, Nov14 - 18 2009 was organized in close cooperation with the IMIA WG on Technology Assessment.
- The WG organizes three workshops (on STARE-HI, miniSTARE-HI, and GEP-HI) at **Medinfo 2010**, September 2010, Cape Town.
- Further (selected) **publications** related to core work of the WG:
  - Rigby M et al. Planning to test success - Employing the guidelines for Good Evaluation Practice in Health Informatics (GEP-HI). In: Proceedings of e-Health 2009 (EH 2009), pp. 209 - 213.
  - Rigby Michael et al. Linking Informaticians and End Users - Using the STARE-HI Evaluation Reporting Framework as a Unifying Design Approach. In: Proceedings of MIE 2009. pp. 66-70.
  - Nykänen Pirkko et al. Introducing guidelines for good evaluation practice in health informatics. In: Proceedings of MIE 2009. pp. 958-62.
- The WG contributed to the 2009 update of **IMIA Recommendations on Education in Biomedical and Health Informatics**. One item of the recommendations describes evaluation issues that should be integrated in curricula.
- The WG has been involved in the **Alliance for Clinical Excellence (ACE)**, a key global initiative which was formed in response to a growing global demand in the healthcare industry for predictive, evidence-based metrics to determine the cost-and-benefit equation of IT in Healthcare.



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- The **web-based Evaluation Inventory** was completely updated and expanded. It now comprises around 1.500 abstracts of evaluation papers in health informatics and allows researchers from all over the world to submit papers for inclusions. The Evaluation Inventory database is available for free at <http://evaldb.umat.at>.
- The **mailing list of the Working Group** comprises at the moment 280 members.
- The **website of the Working Group** at <http://iig.umat.at/efmi/> presents the ongoing activities and working documents of the group.
- In all listed activities, the EFMI WG closely collaborates with the **IMIA WG on Technology Assessment**.