

STARE-HI

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Background

- Poor manuscripts
- Poor publications
- Poor referral practice
- Not a good evidence base in Medical Informatics
- In other disciplines the same thing happened
- In other disciplines solutions are around

Initiative

- To develop STAndards for Reporting of Evaluation in Health Informatics;
STARE-HI
- Initiated at the HISEVAL workshop in Innsbruck

Approach

- A small core team to develop the first version:
 - Jos Aarts, Jytte Brender, Joseph Lui, Jan Talmon and Jeremy Wyatt
- Send out for comments (Delphi-like approach)
- Revise
- Iterate
- Finalize and publish

Issues of concern

- Support from the MI community beyond the WG members
- Involvement editors of (MI) journals
- Isn't STARE-HI trivial?

Our examples

- CONSORT: Guidelines for reporting randomized clinical trials in medicine (with some additions)
- STARD: Guidelines for reporting of diagnostic studies
- Widely accepted by biomedical journals but not yet fully applied.

Very first draft: The relevant issues

- Structured abstract
 - Annals in Internal Medicine 2004
 - Also including limitations
- Structured paper
 - Introduction
 - Methods
 - Results
 - Discussion
 - Conclusion

Introduction

- Background: describe the problem and the reasons for asking the questions one would like to have an answer on
- Objective of the study

Methods

- Sub-sections on
 - ICT application assessed
 - Include phase in lifecycle
 - Study design
 - Include why this design and not another
 - Method of data collection
 - Study setting
 - Subject
 - Method of data analysis

Results

- Create a subsection for each (sub-) question of the objective of the study
 - At least separate technical, economical, legal, organisational, social, professional issues
- Results should not be discussed here

Discussion

- First discuss the answers with respect to the objectives of the study
- Identify weak points
- Present the strong points
- What has been learned from the study

Conclusion

- Summarize the main findings
- Make a statement about what this study has added to the available body of evidence in the field.

How to proceed

- We need support
- We need people who are willing to comment and contribute
- We need to set examples

