

## 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

