

Applied Clinical Informatics Case Reports, suggested structure
(based from the STARE-HI structure¹)

1. Title
2. Abstract
3. Keywords
4. Introduction
 - 4.1 Scientific background
 - 4.2 Rationale and objectives for the health IT intervention
 - 4.3 Specific study/research questions
5. Methods
 - 5.1 Health IT intervention and context
 - 5.1.1 Organizational and technical setting
 - 5.1.2 Stakeholders and roles
 - 5.1.3 Design
 - 5.1.3.1 Use cases
 - 5.1.3.2 Clinical and information workflows
 - 5.1.3.3 Health IT intervention design
 - 5.1.4 Implementation and deployment
 - 5.2 Evaluation
 - 5.2.1 Measurement
 - 5.2.1.1 Structural changes
 - 5.2.1.1.1 Organizational change
 - 5.2.1.1.2 Costs
 - 5.2.1.2 Process changes
 - 5.2.1.3 Outcomes
 - 5.2.2 Data management
 - 5.2.2.1 Data acquisition and validation
 - 5.2.2.2 Data analysis
6. Results
 - 6.1 Summary of overall system changes
 - 6.2 System performance
 - 6.2.1 Component reliability and/or failures
 - 6.2.2 Impacts of failures
 - 6.3 Process impacts
 - 6.3.1 Process changes
 - 6.3.2 Process measures, before and after
 - 6.3.3 Errors and impacts
 - 6.4 Outcomes
 - 6.4.1 Clinical outcomes
 - 6.4.2 Costs and/or efficiency changes
 - 6.4.3 Comparisons

- 6.5 Other results
 - 6.5.1 Organizational impacts
 - 6.5.2 Unexpected findings during implementation/deployment
- 7. Discussion
 - 7.1 Health IT intervention: problem solutions (with regard to rationale)
 - 7.2 Health IT intervention: answers to study/research questions
 - 7.3 Strengths and weaknesses of the health IT intervention
 - 7.4 Strengths and weaknesses of the evaluation
 - 7.5 Results in relation to other studies
 - 7.6 Significance and generalizability of the intervention
 - 7.6.1 Future work
 - 7.6.2 Extension to other workflows or situations
 - 7.7 Unanswered and new questions
- 8. Conclusion
- 9. Authors' contribution
- 10. Competing interests
- 11. Acknowledgement
- 12. References
- 13. Appendices

¹ Talmon J, Ammenwerth E, Brender J, de Keizer N, Nykänen P, Rigby M. STARE-HI--Statement on reporting of evaluation studies in Health Informatics. *Int J Med Inform.* 2009 Jan;78(1):1-9.