



An Outside View of SPEX  
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# STEVE

## *- Student Evaluation of Telemedicine*

- Students with different backgrounds, Master of Engineering and Master of science
  - 14 from Uppsala University, Sweden
  - 4 from Rose-Hulman Inst. of Technology, USA
- Course: “IT in Society”
  - 50% workload during the fall semester
  - Project based
  - Collaboration between the University and the County Council of Uppsala

# Our involvement with SPEX

- Focus on the Swedish pilot site
- Involved when the SPEX project was in the final phase
- First: focus on evaluating and suggesting improvements in areas such as
  - Economy and Reimbursement methods
  - Transfer of “static” information
  - Evaluate the technical solutions
- Later: Helping to create deliverables
  - Trial Evaluation Report
  - Quality of Care
  - Reimbursement methods

# What we found good about SPEX

- For patients
  - Treated at the local hospital
  - Earlier discharge from CoE
  - Follow up at PoC from earlier treatments at CoE
- Focus on the result rather than on the techniques
  - Use of standard technical solutions

# What we found good about SPEX cont.

- Output useful for teaching medical students
- SPEX – Doing what it says!  
Now: Doctors are able to treat patients with more complex wounds than before
- Kyrgyzstan – collaboration with countries outside EU

# Shortcomings

- Few patients involved
- Few doctors involved
- Evaluations
  - No reference data from before SPEX
  - No formal method was used

=> hard to draw conclusions

# Our Perception

- Extensive documentation - Hard to get an overview
  - Cultural differences, Swedish culture vs. EU culture
- Not the most advanced technical tools was used in the end
- The difficulties with sharing patient data
  - Legislation
  - Medical Record Systems that are incompatible

# Some thoughts for the future

- The continuous work with SPEX
  - How will the knowledge gained within the project be used in the future?
  - Importance of proper documentation
- Expanding to new PoC sites
  - Show the existing agreement
  - Creating interest “on the floor”
    - Personal contacts
    - Conference
    - Articles
  - Top Level contacts
    - Politicians
    - Formal Agreement

# Some thoughts for the future, cont.

- Technical development
  - A more advanced “see and share” system?
  - A simpler technique for saving video streaming?

Thank you for this opportunity!

