



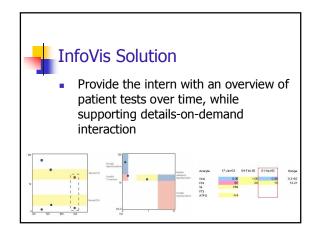
Project Goals

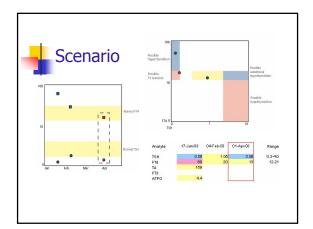
- To develop an effective visualization for displaying and interacting with medical laboratory results
- Evaluate the visualizations using real medical interns



Background

- For medical interns, the challenge of interpreting appropriate laboratory tests can be enormous (Schreiber, 2004)
- Target dataset is a time-series of approximately 1500 thyroid function tests
 - Common analytes reported are FT4 and

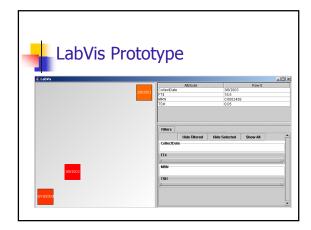








- Dr. Schreiber's feedback
 - Linked visualization effective
 - Remove extraneous colour-coding
 - Need consistent highlighting of normal/abnormal ranges
- Built prototype using InfoVis Toolkit





Summary

 LabVis: rapid, effective visualization and interpretation of medical laboratory test results