Structured reporting system

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Outline

Areas of interest of modern medicine

- increasing variety of diagnostic techniques and procedures
- unsatisfiable demand for medical services
- bureaucracy
- huge volumes of data to process and store. Healthcare Informatics

Healthcare Informatics vs Computer Science

Healthcare standards

- ▶ medical nomenclature SNOMED CT, LOINC
- ▶ exchange protocols and formats HL7, DICOM
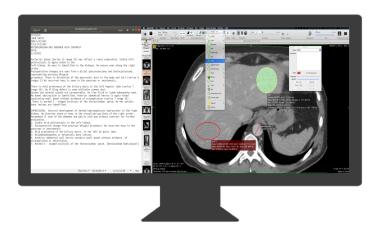
Typical workflow of a radiologist

Figure: Typically, a radiologist analyzes medical images and creates report's text simultaneously

Areas of optimization

Radiological report as a tree