

# Structured reporting system

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# Outline

## Introduction

Problems of modern medicine

## Structured reporting system

Healthcare informatics vs Computer Science

# 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

- ▶ nomenclature SNOMED CT, LOINC
- ▶ exchange protocols and formats HL7, DICOM

# Typical workflow of a radiologist

# Areas of optimization

# Structured reporting system