Mapping SNOMED CT to ICD-10

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www.ihtsdo.org
IHTSDO and WHO Harmonisation Work

- Agreement signed in 2010
- Strategic Joint Coordination Group agreeing annual joint workplan
- Operationally, Joint Advisory Group focusing on:
  - SNOMED CT to ICD-10 mapping methodology and validation
  - SNOMED CT Foundation/ontological layer of ICD-11
  - SNOMED CT and ICF harmonisation work
IHTSDO Mapping Service

- Newly established in 2012, 4 staff
- 2012 -2013 Work plan focus:
  - Update Phase 1 SNOMED CT to ICD-10 maps based on the latest releases of SNOMED CT and ICD-10
  - Map new additions to SNOMED CT as they are added to the International Release if in scope
  - Outline a process for collating and reviewing priority lists of requirements for SNOMED CT to ICD-10 mapping
  - Undertake mapping of priority sets
  - Defining requirements for updated tooling
SNOMED CT to ICD-10 Mapping
Phase 1: Prerequisites

- Establish a collaborative tooling environment
- Assemble SNOMED CT and ICD-10 frequency use data from IHTSDO Member countries
- Identify priority SNOMED CT subset
- Develop mapping heuristics, methodology, and training materials
- Recruit and deliver education and training to mapping personnel
- Develop a validation and quality assurance procedure
SNOMED CT to ICD-10 Mapping
Phase 1: Methods

- Establish sub-project groups
  - Education
  - Tooling
- Test mapping heuristics, methodology, and tool
- Commence and complete mapping work
- Conduct independent content validation jointly with WHO
SNOMED CT to ICD-10 Mapping
Phase 1: Results

- Map specialists on average mapped 6.5 SNOMED CT concepts an hour
- Twenty-nine concepts required consensus review
- Lessons learned
- August 2012 - Technology preview release includes approximately 20,000 SNOMED CT concepts mapped to ICD-10
  - http://www.ihtsdo.org/develop/mapping/icd10/