Welcome to
SNOMED CT Implementation Showcase Conference
Sydney, Australia
Thursday 13th October 2011
Agenda (1)

- Introduction
- Formal welcome
  - 'Welcome to Country' and 'Acknowledgement of Traditional Custodians'
- About the IHTSDO and SNOMED CT
- Housekeeping
- Introduction of keynote speaker
The IHTSDO: What is this about?

- An international **effort** to produce and enhance a global clinical terminology standard
- An **organisation** that owns & supports that effort
- An organisation that is **financially sustainable & open**
- A set of **products and services** produced by that organisation
- Set of explicit **principles** that guide decision making
- An organisation focused on the global citizen and their health
Status of the IHTSDO

- The IHTSDO is a Danish Association
- The Association is a registered not-for-profit entity in Denmark [23rd March 2007]
- Articles of Association detail the who, what, where and how of the Association
- The Association owns the intellectual property
- Intellectual property in SNOMED CT and antecedent works (SNOMED 3.5, RT etc.) transferred to the IHTSDO [26th April 2007]
Status of the IHTSDO

- The Members control the organisation and the Articles of Association; [subject to Danish Law]
- 17 Members:
  Australia, Canada, Cyprus, Denmark, Estonia, Iceland, Lithuania, New Zealand, Malta, Netherlands, Singapore, Slovenia, Slovak Republic, Spain, Sweden, UK, USA
- Expressions of interest from a number of other nations we hope will join!
IHTSDO Governance Structure

**Governing Bodies** (including Strategy and Funding)
- Harmonisation Boards
- General Assembly (GA)
- Management Board

**User Input**
- Member Forum (MF)
- Affiliate Forum (AF)

**Standing Committees** – expert advice, with some regional representation
- Content Committee
- Quality Committee
- Technical Committee
- Implementation & Innovation

**Working Groups** – Project Groups (time-limited) and Special Interest Groups (ongoing domain)
[Some] Directors and Officers

- Quality
- Content
- Technical
- I&I
- Member Forum
- Affiliate Forum

- Kathy Farndon
- Lene Vistisen
- David Bunker
- Don Sweete
- Kristina Brand Persson
- Andy Wiesenthal
- Jane Millar
- Kent Spackman
- John Gutai
- David Markwell
- Jan-Eric Slot
- David Markwell
IHTSDO Products

■ SNOMED CT
  ■ International Release
  ■ Ability of Members & Affiliates to extend the International Release
  ■ Ability of Members & Affiliates to create derivatives from the International Release

■ Tooling
  ■ Related to production of SNOMED CT and Harmonisation Products

■ Harmonisation Products
  ■ Linkages including mappings
SNOMED CT Constructs

- SNOMED CT consists of four primary constructs:
  - **Concepts** – same as DL Concepts, these can be primitive or defined.
  - **Descriptions** - the text used to describe a Concept. These can be in multiple languages.
  - **Relationships** - same as DL existential relationships.
  - **Reference Sets** – extensible groups of concepts, descriptions or relationships.
The SNOMED CT Hierarchy

- Concepts are arranged into a multi-parent acyclic subsumption hierarchy:

  Disorder
  ├── Neoplastic disorder
  │    └── Neoplastic disorder of skin
  └── Disorder of skin
SNOMED CT Roles

- Concepts may be refined using roles:

Fracture

Is a

Fracture of lower limb

Finding Site

Lower limb structure
Terminology Tools – the IHTSDO Workbench
An open source tool for terminology management

- Terminology Lifecycle Management
- Automated Workflow
- Searching, browsing and editing support
- Support for Reference sets
- Support for cross-mapping and translation
- Support for Classification
- Build process automation
- Change management and conflict resolution
- Collaboration tools
- Project management and support tools
- Lexical support
Harmonisation

- IHTSDO has a duty not to duplicate and ensure SNOMED CT works with [interoperates] other international standards
  - Project to map SNOMED CT to ICD 10 [phase 1 complete; error rate 3% in first 20,000 concepts mapped [WHO]
  - Project to build ICD 11 [WHO]
  - Project to link SNOMED CT with ICPC v2 [WONCA]
  - Active discussions with owners of LOINC, C-NPU, GMDN
Housekeeping

- **Breaks: Thursday**
  - Lunch - restaurant at 12.30-13.30
  - Tea break - 15.00-15.30
  - Breaks outside the Endeavour suite, and other coffee points on this floor.

- **Breaks: Friday**
  - Lunch – restaurant at 12.15-13.30
  - Tea Break – 15.15-15.30

  Please use these times to visit our Exhibitors and see the Poster Presentations
Reminder: We are an international organisation so.....

**Participation Memorandum**

- **Listen**; try not to interrupt someone when speaking
- **Enable**; bring people into the discussion
- **Talk** clearly; to give the audience a chance to assimilate the information
- **Idioms**; avoid if possible, as they have the ability to confuse
- **Never forget**; the person on the phone