A UK approach to developing SNOMED CT subsets for physiotherapists to use as part of an electronic health record

Sue Hayward Giles (Assistant Director of Practice Development)  
The Chartered Society of Physiotherapy

Presented by: Steve Tolan (Head of Practice Development)  
Twitter: @tolanPT  
Email: tolans@csp.org.uk
Physiotherapists in brief

- In the UK, are autonomous practitioners
- Work in community & primary care, hospitals, specialist centres, industry, social care and education
- Public, private and third sector
- Across specialties as diverse as the medical profession
- Part of a group of 12 professions in the UK which make up the Allied Health Professions (AHPs)
Personalised Health and Care 2020

Using Data and Technology to Transform Outcomes for Patients and Citizens

A Framework for Action
Current context

• Poor visibility of AHPs in nationally collected datasets
• Acute Care focused data collection
• Limited current design, uptake and use of coded EHRs by AHPs
• Real demand, productivity and funding issues in UK healthcare
• Policy and service improvement research for AHPs needs to be enhanced
• AHPs traditionally low priority in developing informatics infrastructure
CSP SNOMED CT ambition

“To develop a SNOMED CT subset development method which was timely, at a realistic cost, with strong clinical engagement and reproducibility for the range of clinical areas where physiotherapists work”
Planned approach to the first use cases: Total hip replacement & low back pain

- Evidence & engagement
- Method design
- Data acquisition, operational testing and refining subsets
- Product & Roadmap
- Member Implementation
Low back pain

- Problems
- Assessment
- Interventions
- Outcomes

Post-elective total hip replacement surgery

- Problems
- Assessment
- Interventions
- Outcomes
Evidence & engagement

Member Implementation

Method design

Data acquisition, operational testing and refining subsets

Clinician consultation leading to evolution of subset development methodology
Buildings blocks (draft released in April 2016 via UKTC)
Evidence & engagement

Method design

Data acquisition, operational testing and refining subsets

Product & Roadmap

Member Implementation
Chartered Society of Physiotherapy - SNOMED CT subsets

This describes CSP work to develop SNOMED CT subsets for use in the electronic health record

Date: April 2016
Review date: September 2016
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Available at:
https://dd4c.hscic.gov.uk/dd4c/ (NHS Digital, 2016)
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Building block development under the four information items
Next building blocks (planned draft release April 2017 through UKTC)

- Observation of gait findings
- Observation of phases of gait finding
- Dermatome sensation finding
- Functional exercise procedure
- Measured range of physiological joint movement observables*
- Measured range of physiological spine movement observables
- Activities of daily living related to physical function

*excluding spine