CIMI/O&O

Vital Signs

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Vitals Analysis Overview

- Collated current models within the industry
  - FHIR, FHIM, CEM, Argonauts, ONC CDE
- Reviewed with CIMI
  - Added Device Class concepts (per Bruce Bray)
- Mapped to SNOMED CT and LOINC
  - Added additional devices listed in LOINC
Vitals Goals

• “Uber” CIMI Vitals Model
  • Will contain all observations and “qualifiers” in use across the industry
• CIMI Vital Signs Panel LOINC Panel Request
• All attributes and values sets will have bindings to standard terminologies
• Valueset creation in VSAC
Review Spreadsheet

Microsoft Excel Worksheet

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Issues/Questions - Device vs. Method

• Device vs. Method
  • There’s a fuzzy line between device and method. Guidance as to how to divide
    • E.g. Doppler, Oximeter
  • Method is precoordinated with device
    • E.g. “arterial pressure monitoring with automatic cuff”
Issues/Questions – Pre vs. post coordination

- Body location and side
- Automated and manual
- Invasive and non-invasive
Next Steps

• Subgroup CIMI/OO Meeting to Review Issues and Questions
• Review ISO 11073 – Device Nomenclature Review
• Confirm that all values are actually used today in the industry (since some came for LOINC)
• Finalize Attributes and value sets
  • New SNOMED CT concepts AND
  • Value sets will be created in HSPC extension
• Create CIMI Models
• Request LOINC Panel
QUESTIONS?

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