

PCE Data Standardization

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Why is this Important?

- All outpatient encounters are stored in PCE
- Standardized data is required for
 - Interoperability
 - ONC Meaningful Use Certification
- Standardized data improves
 - Clinical Decision Support
 - Quality reporting

PCE Data Types

- CPT Codes
- Education Topics (non-standard)
- Exam (non-standard)
- Health Factors (non-standard)
- ICD Diagnosis Codes
- Immunization (non-standard)
- Skin Test (non-standard)
- Treatment (non-standard, not used by Clinical Reminders)

Patient Data is Stored in the Corresponding V File

- V CPT
- V Patient Ed
- V Exam
- V Health Factors
- V POV
- V Immunization
- V Skin Test
- V Treatment

VistA Immunization Project (VIMM)

- Standardizing
 - Immunizations
 - Skin Tests
- First patch: PX*1.0*201 released November 26, 2014
 - Installed at all VA Sites
 - Associates immunizations with CVX and CPT codes

Our Approach To Data Standardization

- Use the Lexicon based model developed for Clinical Reminders (Coding System and Code)
- Create a new V File for capturing standardized codes
 - SNOMED CT
 - LOINC (when Lexicon supports it)
- Provide the ability to map legacy data to standardized codes

Establish the Set of Legacy National Data Types

- Current method based on IEN is broken
- Add a Class Field
 - National – cannot be edited by sites
 - VISN
 - Local
- Use the content of a Gold Account to determine initial national set
- To the extent possible, map national data types to standardized codes

Mapping Strategy

- Requires support from terminologists
- Allow mapping to multiple coding system code pairs
- Store the coding system code pairs in the V File
 - Lexicon APIs support code set versioning
- Add indexing in the Clinical Reminders Index by coding system and code