The New Taxonomy Management System

Patrick Redington, PhD

Salt Lake OI&T Field Office

Taxonomies Were Pointer Based

- Pointers to
  - ICD Diagnosis, file #80
  - ICD Operation/Procedure file, #80.1
  - CPT, file #81
- Defined a range of codes
- Used expansion

Problems With Expansion

- Ranges are meaningless in some coding systems
  - SNOMED CT

- Breaking down – unrelated code inserted into a range

Taxonomies Are Now Lexicon Based

- Based on a search term or code
  - Enter search term or code
  - Choose coding system
  - Lexicon search returns all matching codes
  - Select codes to be included in the taxonomy

This Is A General Approach

- It makes it possible for Clinical Reminders to support any coding system defined in the Coding Systems file, #757.03

- Provided
  - The coding system is maintained in Lexicon
  - Patient data using the coding system is stored in VistA

Coding Systems File #757.03

- Defines
  - Three-character abbreviation
  - Nomenclature
  - Source title
  - Source
- Example
  - ICD
  - ICD-9-CM
  - International Classification of Diseases, Diagnosis, 9th Edition
  - US Department of Health and Human Services

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Coding Systems Supported By Clinical Reminders

Abbreviation	Nomenclature
10D	ICD-10-CM
10P	ICD-10-Proc
CPT	CPT-4
CPC	HCPCS
ICD	ICD-9-CM
ICP	ICD-9-Proc
SCT	SNOMED CT

New Taxonomy Management System

- No more navigating menus
- Everything is done from the main screen
- This application integrates and uses
  - List Manager
  - ScreenMan
  - Browser

Browser and ScreenMan Basics

- FileMan Getting Started Manual
  - Browser - Part I Section 4
  - ScreenMan - Part II Section 8

ScreenMan Shortcuts Can Save Time

- All start with NumLock key (NL)
- (NL)C – close a screen
- (NL)E – exit and save changes
- (NL)H – help
- (NL)Q – exit and do not save changes
- (NL)Z – zoom editor

Some Browser Actions

- (NL)B – go to bottom
- (NL)E – exit
- (NL)F – find
- (NL)H – help
- (NL)Q – quit
- (NL)T – go to top

Reflections Terminal Emulator Setup Hints

- Screen element – Normal
- Default is
  - Background – white
  - Foreground – black
- Suggestion
  - Background – not white
  - Foreground – whatever you like with the chosen background

Taxonomy DD Changes

- Brief Description replaced by Description
- Pointer multiples replaced by Selected Codes Multiple
- Selectable Diagnosis and Selectable Procedures multiples no longer used for dialogs
- Instead codes are marked as Use In Dialog (UID)

Conversions Done During Installation

- Contents of Brief Description copied to Description
- Each range of codes moved to Selected Codes
  - Term/Code becomes "Copy from ABC range LLL to HHH"
    - ABC – three-character coding system abbreviation
    - LLL – low code
    - HHH – high code
  - Example
    - Copy from ICD range 250.00 to 250.93
- Active selectable diagnosis and selectable procedure codes marked as Use In Dialog

Dialogs Will Now Use Taxonomies Exclusively

- Individual codes no longer used as findings or additional findings
- Taxonomies for dialogs will be automatically generated
- Name example
  - ICD9 250.53
- Description
  - This taxonomy was automatically generated from Reminder Dialog IEN: 5343

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- Multi-package build: CR_ICD-10_UPDATE.KID
  - DG*5.3*862
  - GMPL*2.0*44
  - PXRM*2.0*26

- Requires ICD*18.0*57 and LEX*2.0*80 combined build: ICD_18_57.KID

Work in Progress PXRM*2*47

- Clean-up
  - o Delete obsolete fields
  - o Delete obsolete options and protocols

- Add All Selected Codes view

- Add Value Set Files
  - o NLM Value Set Coding Systems
  - o NLM Value Sets
  - o NLM Quality Measure Groups

- Create a taxonomy from a Value Set
  - o Only import codes from supported coding systems