

3M Health Information Systems, Inc.

Florida AHCA - LOINC Introduction

Pam Banning, 3M Health Information Systems



Business Performance

Solutions & Changing Technology



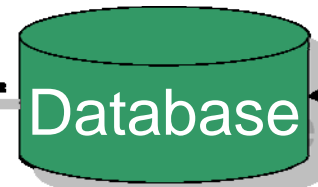
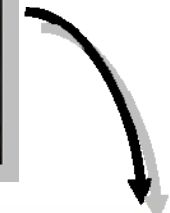
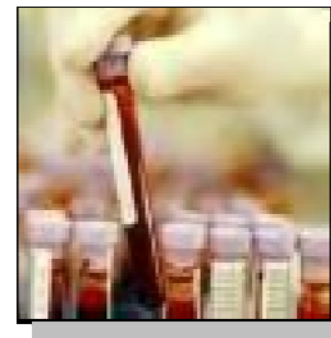
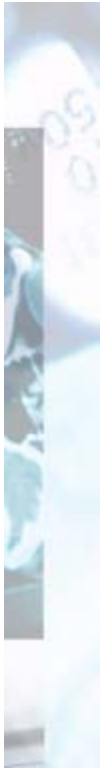
Overview

- Introductions
- LIS Database / Health Information Exchange
- LOINC background
- Florida project – LOINC mapping phase
- Questions/Comments?

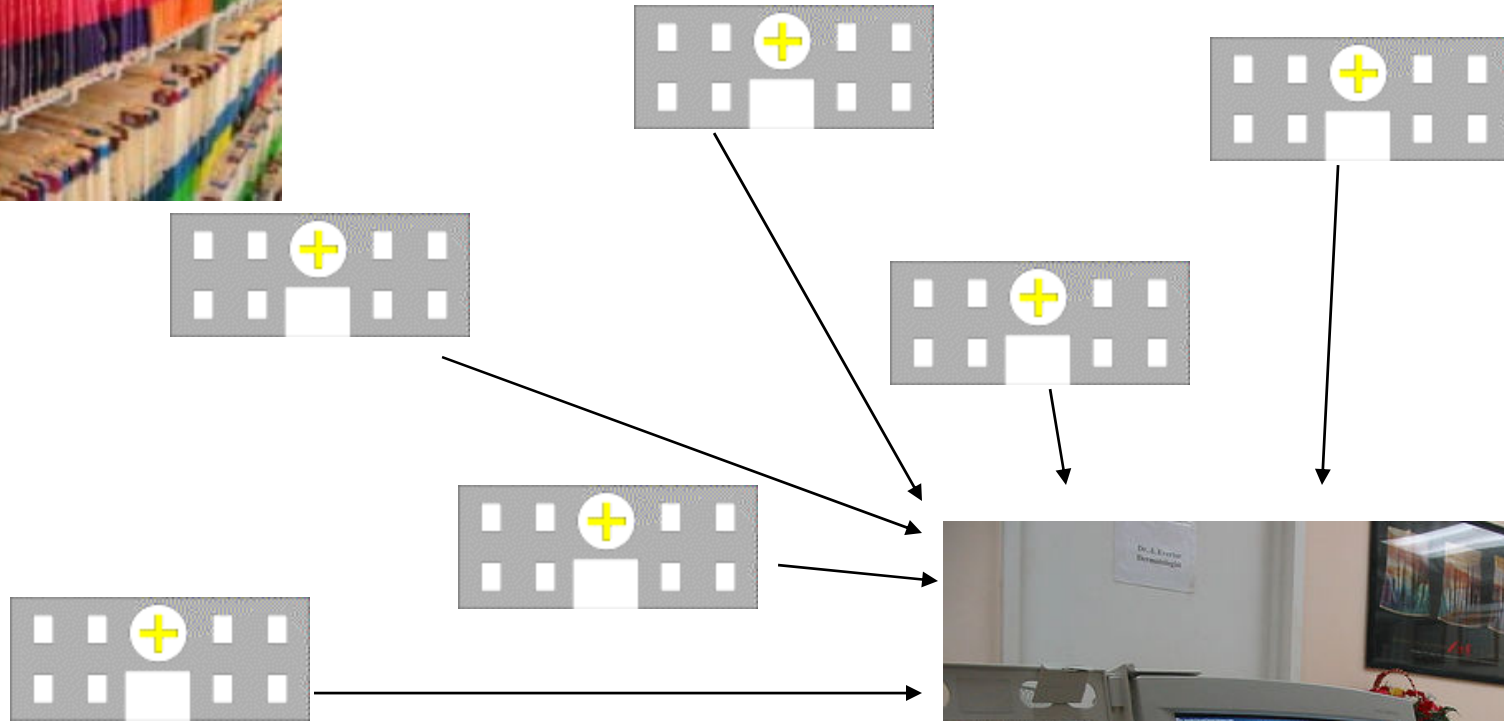


Health Information Exchange Origination

- Laboratory processing
- Specimens → results → data
- Reflex testing
- Notification
- Public health reporting
- Repository



Consolidating records into one reference view



Quandaries

0020359
3417-72
K



PRA
PCR
FISH



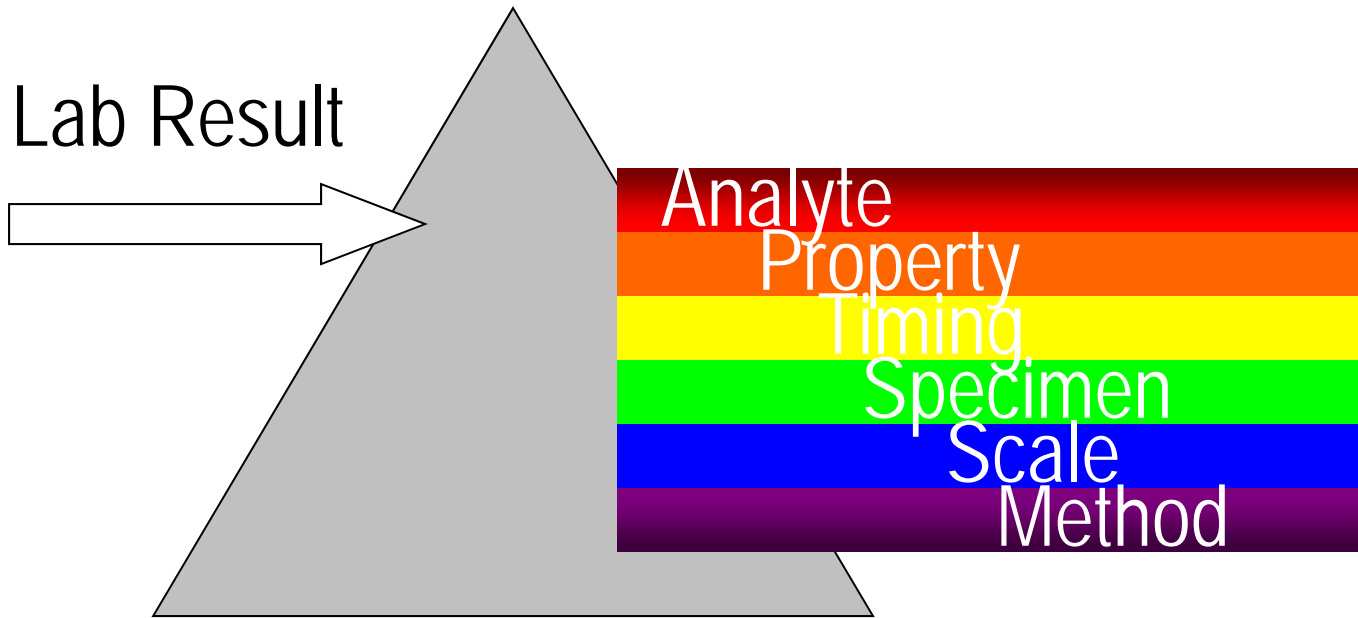
LOINC



- Started with the master files of 7 US Labs
- First released in April 1995 with 6,500 codes
- Grown over time through voluntary submissions from laboratories, hospitals, and other organizations
- Version 2.24 contained 52,412 codes, of which nearly 39,000 are laboratory
- Maintained by Regenstrief Institute – Indianapolis, IN



Intent of LOINC – definition by attributes



2342-4

Glucose:MCnc:Pt:CSF:Qn:

Anatomy of a LOINC term

Component : Property : Timing : Sample : Scale : Method

5193-8

LOINC Code; sequential number plus check digit

HEPATITIS B SURFACE AB:ACNC:PT:SER:QN:EIA

Component

Property

Timing

Sample

Scale

Method



Secondary uses of standardized data

- Public Health
- Payers
- Quality corporations
- HEDIS
- Clinical Trials
- Disease registries



Florida AHCA – LOINC mapping phase

- Data elements accounted for
 - *Male and female rows*
 - *Manual WBC? Platelets?*
 - *Troponin T?*
- Map to LOINC / report to site
- Unit of measure check
- Confirmation of completion



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Questions?

Contact Info: pdbanning@mmm.com

