Agenda

- How death is managed today
- Death in C-CDA
  - Usage of deceasedInd
  - Usage of deceasedFate
  - How to transmit “cause of death” in C-CDA
- Life in C-CDA
  - Discuss use of pregnancy template
    - 2 Examples of pregnancy with 35 weeks gestation

Rendering XML Locally

- You can render an XML locally but you generally need to adjust your browser settings.
- Here’s how to do in Firefox
  1. Open Firefox and enter “about:config” in URL
  2. Search for “privacy.file_unique_origin” in settings and toggle to “false”
  3. Save XML & stylesheet in same directory
  4. Make sure you have reference in XML
     `<xml-stylesheet type='text/css' href='CDA.xsl'>`
Approved Samples (2018)

- [https://github.com/HL7/C-CDA-Examples/tree/master/Header/Patient%20Deceased](https://github.com/HL7/C-CDA-Examples/tree/master/Header/Patient%20Deceased)
- Uses two sdtc extension to denote date:
  - sdtc:deceasedInd (@value="true")
  - sdtc:deceasedTime (e.g. @value="20180315")
- No changed proposed to that mechanism, but there may be opportunity for improvement...

Stylesheet Rendering

Opportunity to Improve

- How should vendors make sure to consistently render:
  1. All vendors update their stylesheets?
  2. Should “deceased” be displayed somewhere else?
     - Potential to add to document title?
     - Some vendors add to patient name (seems bad practice)
     - Is adding a coded reason of death section appropriate?
     - Anywhere else?
  3. No action needed
Including Cause of Death

Options to record cause of death

1. Use the Vital Records Death Reporting Section
   - Advantage: It’s a separate section
   - Disadvantage: It’s complex with many SHALL 1..1
2. Add entryRelationship with typeCode="CAUS"
   - Advantage: It’s similar to how family history reports
   - Disadvantage: Not a separate section, not formal template
3. Use the C-CDA Deceased Observation
   - Advantage: It’s a templated observation
   - Disadvantage: Unclear where it goes

Example of Pregnancy Status

- Section: Problem vs. Social History (also noted in Health Concern)
  - Unknown if pregnant
  - Not pregnant
Pregnancy Acceptable Values

Example of Pregnancy

C-CDA Template (NOT Pregnancy IG)

Problem List C-CDA (Real-World Alignment)


Date of conception
Date of delivery
Date of last author update
Week gestation
