Authoring KNARTs

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Background

• **KN**owledge **ART**ifact

• A “computable” representation of clinical knowledge
  • Documentation Templates
  • Order Sets
  • Event – Condition – Action (ECA) Rules
  • Composite KNARTs (NEW)

• **XML** Document
  • Structure defined by Knowledge Artifact Standard (KAS)
2 specification and XSD Schema

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Authoring Workflow

1. CCWP → KNART XML
2. KNART XML → Validation Report
3. Validation Report → Conceptual Structure L2/L3

Clinical Content White Paper

KNART XML Artifact
Clinical Elicitation

- Subject Matter Experts meet
- Harmonization
- Yields a “Clinical Content White Paper”
Review of KNART and Conceptual Structure

- Subject Matter Experts meet
- Evaluate Conceptual Structure
- Hopefully approve

Questions?
KNART Project Goals

- Gather Clinical Knowledge
  - Cardiology
  - Endocrinology
  - Women’s Health
  - Rheumatology
  - Ophthalmology
  - Mental Health
  - Gastroenterology

Harmonize with Commercial Content

Create 100+ KNARTS