

Content Governance for the CDSC

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Overview

- Why governance became an issue
- Content Governance Committee
- Challenges
- Results to date
- Future plans

Why governance became an issue

Based on Partners experience with shepherding CDSC research content into the LMR, there emerged two concerns about implementing rules at other collaborating institutions.

- How would similar governance challenges at the other sites be handled locally?
- How to promote fair and equitable inter-institutional governance?

Content Governance Committee

- Convened Jan 6, 2009
- Membership: at least one physician (preferably IT-active) from each site (“clinical champions”):
 - PHS – S Maviglia, A Wright, L. Tsurikova, C. Kucera, M. Kim, Z. Turechek, J. Miller
 - Regenstrief – L Simionitis
 - UMDNJ (GE) – F Sonnenberg
 - MidValley IPA (NextGen) – G Fraser
 - Kaiser – M Krall
 - VA Health Administration – M Burton, J Saleem, Nareesa Muhammed

Challenges Encountered

Early

1. Initial skepticism and unfamiliarity with each other
2. Defining CGC's role with respect to the CDSC steering committee
 - advisory vs policy setting vs policy enforcing

Middle

1. Bottom-up vs. top-down content development
 - is the portal a "library" or a "certified corpus" of content
 - how to accommodate local customization?
2. Desire for quality ratings, but reluctance to be judges
 - Formal evaluation vs procedural vs empiric methods
3. Protecting intellectual property while promoting sharing and collaboration
4. Pushback on identifying "top 200 rules" -- What is the unit of comparison?

Late

1. Enthusiasm
2. Uncertainty about years 3-5

Base Year 1-2 Accomplishments

- Ratified a charter which defined mission, roles, and responsibilities, voting procedures, etc.
- Analyzed “similar” rules from each of our institutions (DM, CAD, HTN)
 - Bulk of rules very similar – ex. Promote regular HgbA1c measurements in diabetics
 - Significant variation in details
 - How diabetes is defined
 - Exclusion criteria
 - Threshold to trigger alerts
- Completed vignettes of local CDS governance policies
- Completed survey of local CDS knowledge management processes and tools
- Settled adhoc issues of controversy – ex. metadata value sets, definition and names of the content specification levels, etc.
- Provided Optional Year 3-5 project proposals

Emerging Governance Policy: Development & Submission

- Submission of content is voluntary
- Submitted content may be any level (1-4)
- Content may be co-developed by any subset of the CDSC membership, but all submitted content must be endorsed by at least one CGC representative with voting rights

Policy: Rights and Protections

Other CGC members are licensed to use and make derivatives of content, as long as it...

- Is not-for-profit
- Indemnifies the original submitter
- Acknowledges the source

Policy: Quality Assurance

- **Satisfying a minimal set of quality criteria is the responsibility of the endorsing CGC representative:**
 - Content has been developed in accordance with the site's typical quality assurance policies
 - Content is active at the host site at time of submission
 - All level 2 (semistructured) and level 3 (structured) documents are valid according to the schemas developed by the Knowledge Translation and Specification (KTS) team of the CDSC, with fully specified required metadata elements
 - Content is reviewed and updated at least every three years, or else noted in metadata that the item is no longer being actively maintained
- **Content that has not been updated in 3 years will be deprecated, but remain on the portal**
- **Quality should be implicitly “recognized” rather than explicitly measured or judged**
 - Utilization metrics
 - User comments on the portal
 - Highlighting rules that have been universally implemented

Policy: Pending Issues

- Rules for versioning content, translating between levels, linking content specs, and submitting derivative works
- Content naming conventions (rules, modules, and guidelines)

Near Future

- Challenges
 - Maintaining momentum
 - Waning enthusiasm
- Strategies
 - Rotating the meeting leader
 - Annual face-to-face retreat