Health Crisis KOS: Facing the World Wide Health Crisis with Vocabulary Control and Standards

Managing Health Policy KOS during the COVID-19 Pandemic and Beyond

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Health policy KOS considerations

• Faster research observations and outcomes
• The real-time news cycle
• Uncertainty in government policies
• COVID-19 Pandemic’s impact on the visibility of social issues
Building and maintaining a relevant vocabulary

- Health policy is a social science
  - Scope of vocabulary covers numerous areas
    - The top level of Health Affairs’ health policy thesaurus:

![Thesaurus Master](image)
Examples of sources for maintaining and developing an accurate vocabulary:

- World Health Organization
- International Committee on Taxonomy of Viruses
- DSM-5
- Health Care Provider Taxonomy
Putting health policy KOS into practice

• 1200 term hierarchical thesaurus on all knowledge management platforms:
  • Manuscript management system
  • Website
  • Marketing and customer databases
Putting health policy KOS into practice (cont’d)

• Always evolving the main vocabulary
• Adding synonyms as needed
  • Analysis of search engine search terms
  • Analysis of user behavior
• Adjust machine reading rules for content scanning accuracy
Health policy KOS as part of the COVID-19 content landscape

- Peer-reviewed studies published in a faster format:
  - Fast Track Ahead of Print
- Mixed content organized in topic oriented manner
- COVID-19 resource center
- Content featuring NYC H+H
  https://www.healthaffairs.org/nyc
• Appropriate tag metadata drives historical content to relevance:
Relevant KOS reflected in historical content as well as current content (cont’d)

• Appropriate tag metadata highlights relevant current content:
  • COVID-19 and Racism
  • COVID-19 and Social Determinants of Health
Looking to the future and beyond for Health Policy KOS

• Keeping vocabulary relevant
• Maintaining quality of metadata
• Open discussions about knowledge management within the context of the “real world”
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