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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- 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:
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
Relevant KOS reflected in historical content as well as current content

• Appropriate tag metadata drives historical content to relevance:
  

• Appropriate tag metadata highlights relevant current content:
  - COVID-19 and Racism
  - COVID-19 and Social Determinants of Health

Relevant KOS reflected in historical content as well as current content (cont’d)
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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