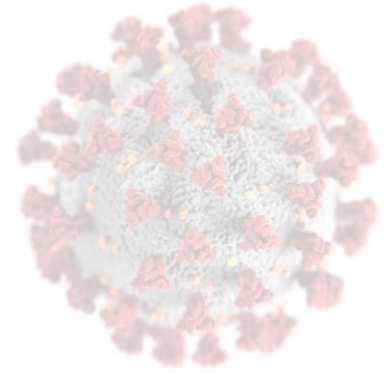


Putting the 3M Healthcare Data Dictionary to work for COVID-19 value sets

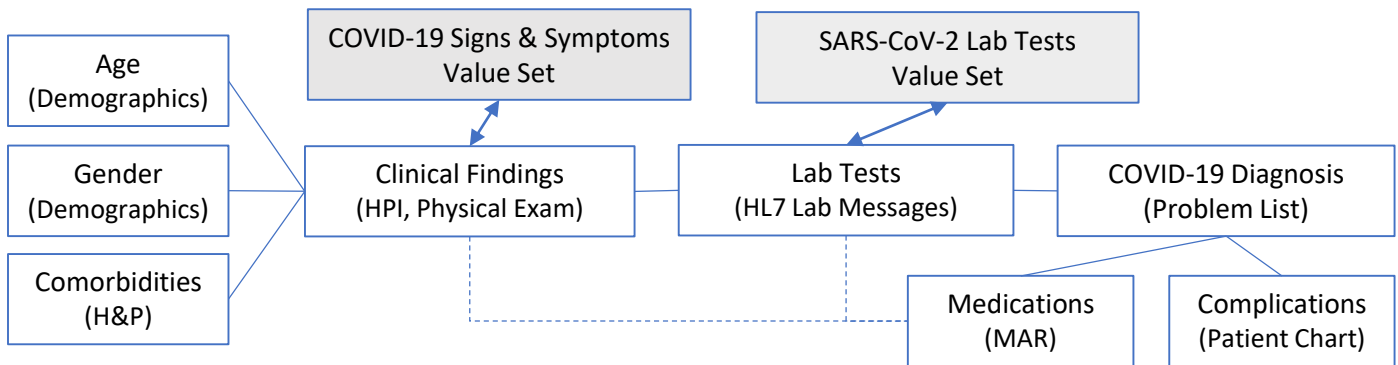


What is the value of value sets?

A value set is a list of concepts from one or more terminologies. Ideally, value sets group standard codes that identify specific signs and symptoms, comorbidities, lab tests and results, and medications. During the rapidly evolving COVID-19 crisis, many terminologies are needed to support data collection. Accurate coding and reporting to track the disease process, patterns, treatments and effective outcomes will contribute to successful management. By leveraging standard terminology codes in a value set, health systems and data exchange platforms can accurately track, analyze and share data about this pandemic.

How do value sets work in the 3M HDD?

Designed to be flexible and scalable, the 3M HDD’s concept-based vocabulary and knowledge base contain standard and custom value sets. Quality measures are but one example of standard value sets in the HDD. Our subject matter experts have created custom COVID-19 value sets to supplement the publicly available ones. The COVID-19 value sets in the HDD contain codes from ICD-10-CM, CPT, HCPCS, SNOMED CT, LOINC and RxNorm.



MAR - Medication Administration Record
H&P - History and Physical
HPI - History of Present Illness

How will healthcare applications work with the HDD?

The HDD has standard compliant and custom Application Programming Interfaces (APIs) for healthcare applications to call upon:

- HL7 Common Terminology Services (CTS) v1 and v2
- HL7 Fast Healthcare Interoperability Resources (FHIR) terminology APIs
- Custom 3M APIs that provide functionality not supported by standard APIs, such as batch mode operations, operations specific to terminology models used by the 3M HDD, or a healthcare IT partner’s content

Together, the 3M HDD APIs provide read, write and search capabilities through a RESTful web services interface for ease of integration with a healthcare application.

Contact Us
For more information on how 3M products and services can assist your organization, email us at hi-hdd@mmm.com, or visit us online at www.hddaccess.com.

