

# Clinical Information Modeling Initiative

## Mission

*Improve the interoperability of healthcare systems through shared implementable clinical information models.*

*(A single curated collection.)*

## Charter

- Create a shared repository of detailed clinical information models
- Using an approved formalism
- Archetype Definition Language (ADL)
- Archetype Modeling Language (AML)
- Based on a common set of base data types
- With formal bindings of the models to standard coded terminologies
- Repository is open to everyone and models are licensed free for use at no cost

*Models will support multiple contexts:*

- EHR data storage and retrieval using standard APIs
- Message payload and service payload
- Decision logic (queries of EHR data)
- Clinical trials data (clinical research)
- Quality measures
- Normalization of data for secondary use
- Creation of data entry screens (like SDC)
- Capture of coding output from NLP

## Work Products and Contributions to HL7 Processes

- Reference Information Model
- Shared repository of models
  - One or more examples of instance data will be created for each model
  - showing both proper and improper use
  - Models shall specify a single preferred unit of measure (unit normalization)
  - Models can support inclusion of processing knowledge (default values)
- Tools/compilers/transformers to create representations of the models to support software developers need (joint work)
- Tracking and documentation of the use of the models and the experience gained in using the models

## Formal Relationships With Other HL7 Groups

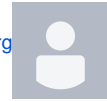
- FHIR
- Patient Care
- Clinical Decision Support
- Structured Documents
- Vocabulary
- Clinical Interoperability Council
- Service Oriented Architecture
- Templates
- Terminology Authority

## Leadership

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## Facilitator - Vocabulary

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## Recently updated

[201022 CIMI Meeting October 22, 2020](#)

Oct 22, 2020 • updated by Stan Huff • view change

[201015 CIMI Meeting October 15, 2020](#)

Oct 15, 2020 • updated by Stan Huff • view change

[201001 CIMI Meeting October 1, 2020](#)

Oct 01, 2020 • updated by Stan Huff • view change

[Sept 2020 - HL7 Virtual WGM CIMI Agenda](#)

Sep 21, 2020 • commented by Mark Kramer

[Sept 2020 - HL7 Virtual WGM CIMI Agenda](#)

Aug 06, 2020 • updated by Stan Huff • view change

[200730 CIMI Weekly Meeting July 30, 2020](#)

Jul 30, 2020 • updated by Stan Huff • view change

[200730 CIMI Weekly Meeting July 30, 2020](#)

## Working Group Meeting - Pilot Functionality

- [Access CIMI May 2019 WGM Agenda](#)
- [Access CIMI Jan 2019 WGM Attendance Log](#)
- [Access CIMI Jan 2018 WGM Agenda](#)
- [Access CIMI Jan 2018 WGM Meeting Notes](#)
- [Add Items to the CIMI Feedback Log](#)

## Weekly Meetings

- [Conference Call Agenda Items](#)

Jul 30, 2020 • updated by Reed D. Gelzer • [view change](#)

[200723 CIMI Weekly Meeting July 23, 2020](#)

Jul 23, 2020 • updated by Stan Huff • [view change](#)

[200716 CIMI Weekly Meeting July 16, 2020](#)

Jul 16, 2020 • updated by Stan Huff • [view change](#)

[File Storage - S3 Connector](#)

Jul 15, 2020 • created by Joshua Procius