Objective

**CodeX** (Common Oncology Data Elements eXtensions) is a Member-driven HL7 FHIR Accelerator, building a community to accelerate interoperable data modeling and applications that lead to step-change **improvements in cancer patient care and research**.

CodeX Members are achieving interoperability by integrating the **mCODE** (minimal Common Oncology Data Elements) **FHIR Implementation Guide** -- a standard language for cancer data -- into existing and new applications. As a part of this effort, CodeX is developing supplemental IGs, relative to mCODE, that are needed for **Use-Case-based projects** to achieve success. Further, CodeX demonstrates the potential of mCODE-based data collection and sharing through live **Use-Case pilots** in the field.

All work aligns with the vision of collecting cancer patient data once, and re-using it to enable a range of Use Cases:

![Diagram of CodeX Use Cases]

For background, see the more detailed overview. To stay up to date on all CodeX news, subscribe to the general mailing listserv to your right.

Use Cases

**CodeX Use Case** projects are **Executing**, or in the Planning or Discovery phases, with Members driving progress. Projects - ranging from collection of patient data for **Real-World-Data clinical trials**, matching **patients with trials**, and **registry reporting** - demonstrate the potential to **improve cancer care and research via mCODE**, supplemental data elements and new workflows.

Community of Practice

CodeX hosts a monthly mCODE **Community of Practice** (CoP) meeting, typically on the last Friday of each month at 12pm ET. These meetings are free and open to all who are interested. The Community discusses recent achievements around leveraging the mCODE standard and associated work to improve cancer care and research in the real world.

Please register to join our upcoming meeting by (1) selecting “Register Here” (2) including your information for registration and (3) choosing the “Add to calendar” drop-down link to add the meeting information and Zoom invitation.

Valuable content from previous CoP meetings can be found on the **Meeting Minutes** page. Please join us!

Membership
**CodeX Members** drive improved data interoperability for better cancer care and research. Cancer patient organizations, specialty societies, health systems, researchers, system vendors and many others are already powering our work.

Members have the privilege of serving on Use Case Project leadership teams, making the decisions that enable Smarter Data in the Fight Against Cancer.

Contact Steve Bratt or Kim Ball to discuss Membership options that will enable you and your organization to drive real impact.

### mCODE/CodeX in the News

- **ACS CAN and CodeX Lead Project to Expand Cancer Clinical Trial Enrollment Through Improved Technology,** press release, May 2021.
- **mCODE, CodeX and Accelerating Healthcare Innovation - Part One:** Informonster Podcast, a podcast about the Healthcare IT industry hosted by Charlie Harp, CEO of Clinical Architecture; mCODE, CodeX and Accelerating Healthcare Innovation - Part Two
- **Structured Data Capture for Oncology:** Alexander K. Goel, Walter Scott Campbell, and Richard Moldwin; JCO Clinical Cancer Informatics 2021:5, 194-201
- **HL7 News February 2021 Edition - CodeX Community Accelerates Smarter Data for the Fight Against Cancer (p.16)**
- **The Dish on Health IT** Podcast - Episode 11: HL7 CodeX: Transforming Cancer Care and Research
- **Healthcare Innovation: ICARE Study Gathers EHR Data for Oncology Research**
- **Healthcare IT News: MITRE working with Nuance and Mayo Clinic on AI and automation for clinical datasets**
- **NASEM Health and Medicine Division - Monica Bertagnolli, Dana-Farber Cancer Institute /Brigham and Women's Cancer Center**
- **Improving Cancer Data Interoperability: The Promise of the Minimal Common Oncology Data Elements (mCODE) Initiative**

### Site Content

- **Learn More About CodeX**
- **CodeX Membership**
  - **CodeX Membership Options**
- **mCODE**
  - **Knowledge Base - mCODE**
    - Q's and How-To's
      - Can mCODE represent two distinct pieces of data on a HistologyMorphology result?
      - Can you mix ICD-10-CM and ICD-O-3 codes in a cancer condition?
      - Difference between Tumor Marker Test and Genomics profiles?
      - Does mCODE support ISCN nomenclature?
      - How do I report new mCODE issues or feature requests?
      - How is metastatic recurrence captured?
      - How were the mCODE 1.0 contents scoped?
      - How were the PrimaryCancerCondition diagnoses codes determined?
      - What is the advantage of defining abstract profiles?
      - What standards were considered in mCODE modeling?
      - What was used to track comments and decisions prior to ballot?
      - Where is the payer perspective represented in mCODE?
      - Why did mCODE STU 1 use MedicationStatement instead of MedicationRequest?
      - Why was HistologyMorphologyBehavior modeled as one concept?
  - **KB Management**
    - **mCODE and Research Standards**
    - **BRIDG**
    - **CDISC CDASH**
    - **OMOP**
    - **mCODE Generic Playbook**
    - **mCODE Profile Tour**
      - **Disease Category**
      - **Genomics Category**
      - **Labs and Vitals Category**
      - **Outcome Category**
      - **Patient Category**
      - **Treatment Category**
    - **mCODE Community of Practice**

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**Recently Updated**

2021-07-30
2 minutes ago • updated by Caroline Potteiger • view change

2021-07-23
Monthly Meeting Minutes
- CoP 2021
  - 2021-06-25 CoP Meeting Notes
  - 2021-05-28 CoP Meeting Notes
  - 2021-04-30 CoP Meeting Notes
  - 2021-03-26 CoP Meeting Notes
  - 2021-02-26 CoP Meeting Notes
  - 2021-01-29 CoP Meeting Notes

- CoP 2020
  - 2020-12-18 CoP Meeting Notes
  - 2020-11-20 CoP Meeting Notes
  - 2020-10-30 CoP Meeting Notes
  - 2020-09-25 CoP Meeting Notes
  - 2020-08-28 CoP Meeting Notes
  - 2020-07-31 CoP Meeting Notes
  - 2020-06-26 CoP Meeting Notes
  - 2020-05-29 CoP Meeting Notes
  - 2020-04-24 CoP Meeting Notes
  - 2020-03-27 CoP Meeting Notes
  - 2020-02-28 CoP Meeting Notes
  - 2020-01-24 CoP Meeting Notes

- CoP Participants - 2020

Community of Practice Charter
- CodeX Use Cases
  - mCODE++ Extraction
  - EHR Endpoints for Cancer Clinical Trials
  - EECT Supporting Materials
  - Integrated Trial Matching for Cancer Patients and Providers
  - Trial Matching Meetings
    - 2021
      - 2021-01-08
      - 2021-01-15
      - 2021-01-22
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      - 2020-11-13
      - 2020-11-20
      - 2020-12-04

about an hour ago • updated by Caroline Potteiger • view change

Monthly Meeting Minutes
about 2 hours ago • updated by Anthony DiDonato • view change

mCODE CoP - July 2021.pptx
about 4 hours ago • attached by Steve Bratt

CodeX Use Cases
about 5 hours ago • updated by Anthony DiDonato • view change

CodeX Use Cases
about 5 hours ago • updated by Caroline Potteiger • view change

mCODE_CodeX_MasterDeck.pptx
about 5 hours ago • attached by James O'Connor

mCODE_CodeX_MasterDeck.pptx
about 6 hours ago • attached by Steve Bratt

CodeX Use Cases
about 7 hours ago • updated by James O'Connor • view change

mCODE CoP - July 2021.pptx
about 18 hours ago • attached by Anthony DiDonato

CodeX 2021 Calendar
yesterday at 8:19 PM • updated by Kim Ball • view change

20210723_HL7_Propelling Innovation and Interoperability .pdf
yesterday at 8:18 PM • attached by Kim Ball

Monthly Meeting Minutes
yesterday at 2:52 PM • updated by Steve Bratt • view change

2021-07-27 Prior Authorization in Oncology Meeting
yesterday at 2:02 PM • updated by Vanessa Candelora • view change
• Trial Matching Supporting Materials
  • Task List
  • Phase 0
  • Trial Matching Data Elements
• Cancer Registry Reporting
  • Cancer Registry Reporting Meetings
    • 2020-10-27
    • 2020-11-12
  • Cancer Registry Reporting Supporting Materials
• Radiation Therapy Treatment Data for Cancer
  • Radiation Therapy Meetings
    • 2021 - RTTD Meetings
    • 2020 - RTTD Meetings
  • Radiation Therapy Supporting Materials
• Oncology Clinical Pathways (OCP)
  • OCP Supporting Materials
• Prior Authorization in Oncology
  • June 3, 2021, Multi-stakeholder Discovery Session on Oncology Provider-Payer Data Exchange
    • CodeX Public Community PA Discovery Session Summary - June 3-2021
  • Prior Authorization in Oncology Meetings
    • 2021-07-27 Prior Authorization in Oncology Meeting
  • Prior Authorization in Oncology Supporting Materials
• CodeX Data Element / Profile / Value Set Analysis
  • Data Element / Profile / Value Set Details - mCODE 1.0
  • CodeX Data Element / Value Set / Profile Comments
  • Example CodeX Data Concept Summary Table
  • CodeX Data Element Analysis - Tooling Requirements
• mCODE Test Data
• Community Tools
• Useful Resources
  • CodeX Master Slide Decks
  • CodeX One-Pagers
  • HL7 Connectathon - Helpful Links and Tips
  • HL7 Value Proposition
• Cancer Data Summit 2019
  • Cancer Data Summit 2019 Photos
• Codex Program Plan July 2020 - July 2021
• CodeX 2021 Calendar