



 **Clinical Architecture**[®]

ONC / Health IT Advisory Committee Meeting

Charlie Harp, CEO and Founder

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Company Overview

- US-based in Carmel, Indiana with a subsidiary in the United Kingdom
- Delivering Innovative Solutions that Maximize the Effectiveness of Healthcare
- Data Quality / Analytics Focused
 - Reference Information Management
 - Semantic Interoperability / Normalization
 - Master Data Management
- Clients include
 - DOD, CDC, The Joint Commission, Logica Health
 - Four of the five largest Health Systems in the United States
 - Healthcare Information Exchanges: IHIE, Great Lakes Health Connect (MiHIN)
 - Analytics Platform Vendors: Health Catalyst, Roche Diagnostics, dbMotion

COVID-19 Activity to Date

- COVID-19 special release terms distributed to clients for immediate use
 - SNOMED CT International and US Edition – March 19
 - CPT – March 19
 - LOINC – March 18 - March 31 - April 8
 - HCPCS – March 19
 - ICD-10-CM – March 28
- Continued support for Health Systems and Analytic Platform Clients with **Semantic Interoperability** needs
 - Semi-automated terminology mapping between local and standard terminologies
- Continued support for Health Systems with regards to **Master Data Management** needs
 - Understanding enterprise topology and durable medical equipment data
- Established **COVID-19 Interoperability Alliance** in collaboration with Logica Health, Regenstrief, MITRE, and Apelon
 - Website: <http://www.COVID19ia.org>
 - Provide **useful links** relating to data resources for COVID-19 initiatives
 - Provide **public file downloads** of COVID-19 concepts and value sets for analytics
 - Provide a **collaborative authoring environment** and **browser** for COVID-19 data resources open to all contributors
 - Also contributing to **COVID-19 Healthcare Coalition**

Observations and Suggestions

- Short term
 - Consider providing ***semantic guidance*** in public health emergencies
 - Acknowledging that
 - Front lines of healthcare need to create local codes immediately
 - Standards will always lag behind operations and this is especially true in a crisis
 - Having similar semantics can significantly reduce the normalization burden once standards are released
- Longer Term
 - Promote patient information stewardship and quality improvement
 - Promote high-fidelity semantic interoperability



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