



HTI-1 Proposed Rule Task Force 2023

Group 3: ONC Health IT Certification Program Updates – Insights Condition, Standards Updates, and RFIs Meeting #18

Hung Luu, Group 3 Lead

Steven Eichner, Co-Chair

Steven Lane, Co-Chair

June 1, 2023





Call to Order/Roll Call

Mike Berry, Designated Federal Officer, ONC

HTI-1 Proposed Rule Task Force 2023 – Group 3 Roster

Name	Organization
Steven Eichner* (Co-Chair)	Texas Department of State Health Services
Steven Lane*(Co-Chair)	Health Gorilla
Hung Luu* (Group 3 Lead)	Children's Health
Hans Buitendijk*	Oracle Health
Clem McDonald*	National Library of Medicine
Naresh Sundar Rajan*	CyncHealth
Fillipe Southerland*	Yardi Systems, Inc.

* HITAC Member

** HITAC Federal Representative

Agenda

- 10:30 AM** **Call to Order/Roll Call**
 - Mike Berry, Designated Federal Officer, ONC

- 10:35 AM** **HTI-1 Proposed Rule Task Force Charge**
 - Hung Luu, Group 3 Lead
 - Steven Eichner, Co-Chair
 - Steven Lane, Co-Chair

- 10:40 AM** **FHIR Subscriptions, FHIR Standard for Scheduling and SMART Health Links Request for Information**
 - Alex Kontur, ONC
 - Brett Marquard, WaveOne Associates

- 11:50 AM** **Public Comment**
 - Mike Berry, Designated Federal Officer, ONC

- 12:00 PM** **Adjourn**



HTI-1 Proposed Rule Task Force Charge

Hung Luu, Group 3 Lead

Steven Eichner, Co-Chair

Steven Lane, Co-Chair

HTI-1 Proposed Rule Task Force 2023

Overarching Charge:

The HTI-1 Proposed Rule Task Force 2023 will evaluate and provide draft recommendations to the HITAC on the Health Data, Technology, and Interoperability: Certification Program Updates, Algorithm Transparency, and Information Sharing (HTI-1) Proposed Rule.

Specific Charge: Provide recommendations on ONC's proposals that would:

- Rename all certification criteria within the ONC Health IT Certification Program (Program) as “ONC Certification Criteria for Health IT” and discontinue year themed “Editions”
- Establish a new baseline version of the United States Core Data for Interoperability (USCDI) from Version 1 to Version 3
- Implement the Electronic Health Record (EHR) Reporting Program as a new Insights Condition and Maintenance of Certification for health information technology (health IT) developers under the Program
- Enhance information sharing under the information blocking regulations



HTI-1 Proposed Rule Task Force 2023 (continued)

Specific Charge: Provide recommendations on ONC's proposals that would:

- Adopt new and revised standards and certification criteria, including:
 - Electronic case reporting certification criterion;
 - Clinical decision support (CDS) and decision support interventions (DSI) certification criteria;
 - Application programming interfaces (APIs) for patient and population services;
 - FHIR US Core Implementation Guide STU version 5.0.
 - HL7 CDA® R2 IG: C-CDA Templates for Clinical Notes STUR2.1 Companion Guide, Release 3 US Realm;
 - A new patient requested restrictions certification criterion; and
 - Requirements for health IT developers to update their previously certified health IT.
- Establish additional Assurances Condition and Maintenance of Certification requirements
- Solicit requests for information (RFIs) on Program standards, certification criteria, and information blocking to inform potential future rulemaking

Recommendations are due to the HITAC by the end of the 60 day public comment period.



Group 3: ONC Health IT Certification Program Updates— Insights Condition, Standards Updates, and RFIs

- Insights Condition and Maintenance of Certification
- The United States Core Data for Interoperability Standard (USCDI) v3
- C-CDA Companion Guide Updates
- Standardized API for Patient and Population Services
- FHIR US Core Implementation Guide STU version 5.0.1
- **Requests for Information**



FHIR Subscriptions, FHIR Standard for Scheduling and SMART Health Links Request for Information

Alex Kontur, ONC



FHIR Subscriptions Background

- Subscriptions are used to establish proactive event notifications from a FHIR server to another system
- Servers supporting subscriptions advertise their use via the Subscription and SubscriptionTopic resources
 - SubscriptionTopic - Defines the data and change or event used to trigger notifications
 - Subscription – Defines a client’s request to be notified by events from a SubscriptionTopic
- Clients can select filters (e.g., restrict notifications to a particular patient id or group, a specific procedure, etc.), the notification channel (e.g., REST, websockets, email, etc.), notification payload (e.g., MIME type, amount of detail, etc.)
- Notifications are Bundle resources of type ‘subscription-notification’
 - 3 broad categories of notifications: ping-only (empty), id-only, everything (full resource)

FHIR Subscriptions RFI

- FHIR Subscriptions Framework:
 - Provides the ability for a FHIR server to proactively notify a client when new information has been added or existing information has been updated
 - Can reduce server load by eliminating expensive queries
 - Can be used to automate system-based workflows (e.g., ADT events)
- We request feedback on:
 - Maturity of subscription-related resources in the FHIR R4 standard
 - Whether alignment with FHIR R5 would avoid costly refactoring of the resources and give more time for industry to test the various features and capabilities under development
 - Whether to define a minimum set of Subscription Topics for consistent implementation
 - Security considerations, channels, payloads, and any other areas that may need additional specification





SMART Scheduling Links Background

- SMART Scheduling Links:
 - find appointment slots using an appointment booking tool, searching by geography, specialty, health system, etc.
 - follow a deep link into the provider's booking portal, to book a specific slot
 - complete a booking, e.g., by providing details, answering questions, or submitting referral documentation
- “Slot publisher” hosts bulk publication manifest, location files, schedule files, & slot files
 - Location file conveys a physical location where appointments are available
 - Schedule file conveys information about a schedule to which slots are attached; represents a specific service at a location
 - Slot file conveys information about an appointment slot (may be fine- or course-grained)
- “Provider booking portal” handles incoming requests to book slots



SMART Scheduling Links RFI

- SMART Scheduling Links:
 - Enables providers to advertise their available vaccine appointments using a lightweight, scalable API
- We request feedback on:
 - Maturity and scope of the SMART Scheduling Links IG
 - Guidance from the IG for publishers to advertise API endpoints and whether there are other approaches ONC could take to ensure discoverability of APIs
 - Any other appropriate industry led activities to consider as potential models and approaches, e.g., Argonaut Scheduling IG
 - How to ensure accuracy and timeliness of appointment information
 - How to support the scalability of the standard for use in a variety of healthcare settings



SMART Health Links Background

- Builds on the concept of SMART Health Cards - aggregate data in meaningful sets, signed by an issuer, and stored/presented by a consumer as needed
 - For example: Managing an immunization record that can be shared with schools or employer
 - Designed to only include the minimum information necessary for a given use case
 - A non-forgable digital artifact analogous to a paper record on official letterhead
- SMART Health Links use cases:
 - Share a link to any collection of FHIR data, including signed data
 - Share a link to a Smart Health Card that is too large for a QR code
 - Share link to a "dynamic" SMART Health Card (i.e., data changes over time)
- Note: SMART Health Cards and Health Links standards do not specify required use cases



SMART Health Links RFI

- SMART Health Links:
 - Uses similar approach to SMART Health Cards for sharing data
 - Intended to allow individuals explicit control over with whom they share their health information
 - Aims to overcome some of the known limitations of the SMART Health Cards technology
- We request feedback on:
 - Value and feasibility of the SMART Health Links Protocol
 - Concerns regarding its implementation
 - Approaches ONC could take to encourage rapid advancement of SMART Health Links
 - Any other promising industry-led innovative activities that we should consider that are aligned with the FHIR standard, and which would help improve interoperability using health IT



Discussion

Alex Kontur, ONC

Brett Marquard, WaveOne Associates



Task Force Topics Worksheet

Hung Luu, Group 3 Lead

Steven Eichner, Co-Chair

Steven Lane, Co-Chair

Public Comment

To make a comment please
Use the Hand Raise Function

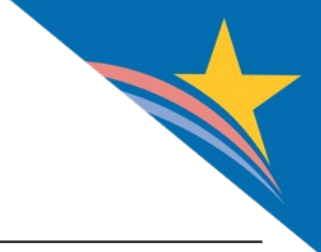
If you are on the phone only, press “*9” to raise your hand

*(Once called upon, press “*6” to mute/unmute your line)*

All public comments will be limited to three minutes

You may also email your public comment to onc-hitac@accelsolutionsllc.com

*Written comments will not be read at this time,
but they will be delivered to members of the task force and made part of the public record*



Upcoming Meetings

Month	Task Force/HITAC Meeting Dates	Task Force Topics
June	6/6 (Full TF)	<ul style="list-style-type: none">• Develop transmittal report/slides
	6/7 (Full TF)	<ul style="list-style-type: none">• Develop transmittal report/slides
	6/8 (Full TF)	<ul style="list-style-type: none">• Develop transmittal report/slides
	6/9 (Full TF)	<ul style="list-style-type: none">• Develop transmittal report/slides
	6/12 (Full TF-Contingency)	<ul style="list-style-type: none">• Develop transmittal report/slides
	6/15 (HITAC)	<ul style="list-style-type: none">• Final Recommendation and Vote



HTI-1 Requests for Information Topics by Group

Group 1 – Information Blocking (IB)

- IB RFI 2 – Possible Additional TEFCA Reasonable and Necessary Activities
- IB RFI 3 – Health IT Capabilities for Data Segmentation and User/Patient Access

Group 3 – ONC Health IT Certification Program Updates– Insights Condition, Standards Updates, and RFIs

- Laboratory Data Interoperability Request for Information
- Request for Information on Pharmacy Interoperability Functionality Within the ONC Health IT Certification Program Including Real-Time Prescription Benefit Capabilities
- FHIR Subscriptions Request for Information
- Clinical Decision Support Hooks Request for Information
- FHIR Standard for Scheduling Request for Information
- SMART Health Links Request for Information



Adjourn