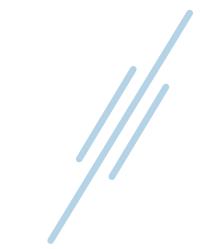# Interoperability Standards Workgroup Meeting #6

Sarah DeSilvey, Co-Chair

Steven (Ike) Eichner, Co-Chair

February 27, 2024

Call to Order/Roll Call

Seth Pazinski, Director, Strategic Planning & Coordination Division, ONC

Interoperability Standards Workgroup Roster

Name	Organization	Name	Organization
Sarah DeSilvey* (Co-Chair)	Gravity Project	**Steven Eichner* (Co-Chair)**	Texas Department of State Health Services
Pooja Babbrah	Point-of-Care Partners	Steven Lane	Health Gorilla
Ricky Bloomfield	Apple	Hung Luu*	Children's Health
Medell Briggs-Malonson*	UCLA Health	Anna McCollister*	Individual
Hans Buitendijk*	Oracle Health	Katrina Miller Parrish*	Humana Health Insurance
Keith Campbell**	Food and Drug Administration	Alex Mugge**	Centers for Medicare and Medicaid Services
Christina Caraballo	HIMSS	Aaron Neinstein*	Notable
Grace Cordovano	Enlightening Results	Kikelomo Oshunkentan*	Pegasystems
Raj Dash	College of American Pathologists	Rochelle Prosser*	Orchid Healthcare Solutions
Derek De Young*	Epic	Mark Savage	Savage & Savage LLC
Lee Fleisher*	University of Pennsylvania Perelman School of Medicine	Fillipe Southerland*	Yardi Systems, Inc.
Hannah Galvin*	Cambridge Health Alliance	Shelly Spiro	Pharmacy Health Information Technology Collaborative
Rajesh Godavarthi*	MCG Health, part of the Hearst Health network	Zeynep Sumer-King*	NewYork-Presbyterian
Jim Jirjis**	Centers for Disease Control and Prevention	Naresh Sundar Rajan*	CyncHealth

* HITAC Member
** HITAC Federal Representative

Agenda

10:00 AM   **Call to Order/Roll Call**

- Seth Pazinski, Director, Strategic Planning & Coordination Division, ONC

10:05 AM   **Opening Remarks**

- Sarah DeSilvey, Co-Chair
- Steven (Ike) Eichner, Co-Chair

10:10 AM   **SME Discussion – Advance Directive Observation and Orders**

- Maria Moen, MyDirectives

10:40 AM   **Other Draft USCDI v5 Data Elements Recommendations**

- Sarah DeSilvey, Co-Chair
- Steven (Ike) Eichner, Co-Chair

11:10 AM   **Level 2 Data Elements Recommendations***

- Sarah DeSilvey, Co-Chair
- Steven (Ike) Eichner, Co-Chair

11:25 AM   **Public Comment**

- Seth Pazinski, Director, Strategic Planning & Coordination Division, ONC

11:30 AM   **Adjourn**

*If time allows

IS WG Charge

Sarah DeSilvey, Co-Chair

Steven (Ike) Eichner, Co-Chair

Interoperability Standards Workgroup Charge

Overarching charge: Review and provide recommendations on the Draft USCDI Version 5

Specific charge: **Due**

Evaluate Draft USCDI v5 and provide ONC with recommendations for: **April 11, 2024**

a. New data classes and elements from Draft USCDI v5 that should be considered for the final USCDI v5 release.
b. Level 2 data classes and elements not included in Draft USCDI v5 that should be considered for the final USCDI v5 release.

SME Discussion – Advance Directive Observation and Orders

Maria Moen, MyDirectives

OBSERVATIONS

Findings or other clinical data collected about a patient during care.

DATA ELEMENT	APPLICABLE VOCABULARY STANDARD(S)
Advance Directive Observation Statement of presence and properties of patient or provider authored documents that record a patient's goals, preferences and priorities should a patient be unable to communicate them to a provider. Usage note: May include whether a person has one or more advance directives, the type of advance directive, the location of the current source document, and whether it has been verified. Examples include but are not limited to indication that a living will is on file, reference to or location of durable medical power of attorney, and validating provider.	

ORDERS

Provider-authored directive for the delivery of patient care services.

DATA ELEMENT	APPLICABLE VOCABULARY STANDARD(S)
Orders Provider-authored directive for the delivery of patient care services. Examples include but are not limited to diagnostic imaging, laboratory tests, interventions, referrals and consultations, and do-not-resuscitate.	

USCDI Draft v5 Discussion

February 27, 2024 Discussion

Evolution of ADI Data Exchange & USCDI

- Initial work revealed sections of the CDA/FHIR document that were important to "bundle" in the FHIR document to ensure context of the concepts was preserved

- In addition to creating guidance to move from paper forms to interoperable electronic access across systems, we needed to accommodate not only structured ADI but also support the need to liberate existing scanned forms from clinical record systems

- Person-authored data needs to be accommodated in our clinical record systems to inform treatment

- The following graphic shows the maturation of understanding that was enabled through stakeholder involvement and numerous testing events

Original Request 2020	Refined (2021)	Advanced (2023)	**Mature (2024)**
Data Class: Advance Directives	**Data Class:** Advance Directives	**Data Class:** Advance Directives	**Data Class:** Goals and Preferences
Data Elements:	**Data Elements:**	**Data Elements:**	**Data Elements:**
- Durable Medical Power of Attorney	*(Person-Authored)*	*(Person-Authored Structured Data)*	*(Person-Authored Structured Data)*
- Care Experience Preference	- Healthcare Agent	- Healthcare Agent	- Healthcare Agent
- Quality of Life Priorities	- Care Experience Preferences	- Care Experience Preferences	- Care Experience Preferences
- Living Will	- Quality of Life Priorities	- Quality of Life Priorities	- Treatment Intervention Preferences
- Personal Advance Care Plan	- Priorities Under Certain Health Conditions	- Treatment Intervention Preferences	- Priorities Upon Death
	- Priorities Upon Death	- Priorities Upon Death	
		(Person-Authored Non-Structured Data or Scanned Forms Stored in EMR/EHRs)	**Data Class:** Advance Directives
			Data Elements:
		- Advance Directive	*(Person-Authored Non-Structured Data OR Scanned Forms Stored in EMR/EHRs)*
		- Personal Advance Care Plan	- Advance Directive
			- Personal Advance Care Plan
			(Clinician-Authored)
	(Clinician-Authored)	*(Clinician-Authored)*	**Data Class:** Observations
- Advance Directive Observation	- Advance Directive Observation	- Advance Directive Observation	- Advance Directive Observation
Data Class: Orders (Comment)	**Data Class:** Orders (Comment)	**Data Class:** Orders (Comment)	**Data Class:** Orders
			- Orders
Data Elements:	**Data Elements:**	**Data Elements:**	**Data Elements:**
- Portable Medical Orders for Life-Sustaining Treatments	- Portable Medical Orders for Life-Sustaining Treatments	- Portable Medical Orders (POLST, MOLST, DNR, DNAR, EMS-CC)	- Portable Medical Orders (POLST, MOLST, DNR, DNAR, EMS-CC)
			Data Class: Care Team Members
			- ~~Proxy Decision Maker~~

Mature (2024)

Data Class: Goals and Preferences

Data Elements:
(Person-Authored Structured Data)
- Healthcare Agent
- Care Experience Preferences
- Treatment Intervention Preferences
- Priorities Upon Death

Data Class: Advance Directives
Data Elements:
(Person-Authored Non-Structured Data OR Scanned Forms Stored in EMR/EHRs)
- Advance Directive
- Personal Advance Care Plan

(Clinician-Authored)
Data Class: Observations
- Advance Directive Observation

Data Class: Orders
- Orders

Data Elements:
- Portable Medical Orders (POLST, MOLST, DNR, DNAR, EMS-CC)

Data Class: Care Team Members
- ~~Proxy Decision Maker~~

We understand that Data Class is merely an organizing concept

- **Healthcare Agent NOT ~~Durable Medical Power of Attorney (L1)~~**: Who is designated to speak for me if I am unable to do so myself?

- **Care Experience Preference & Treatment Intervention Preference**: What is important for providers to know about my goals, preferences, and priorities for care as I receive care?

- **Advance Directive (L2) & Personal Advance Care Plan (L1)**: For scanned or unstructured documents that reside in systems, a data element that enables them to be made available for data exchange and access

- **Advance Directive Observation**: AD/ACP documents are not immediately actionable in most healthcare settings

- **Portable Medical Order (L2)**: Portable Medical Orders are actual Practitioner-Authored orders or order sets (form-dependent)

- **Care Team Members – ~~Proxy Decision Maker (L0)~~**: The term shown should be able to be more over-arching as a concept, and is not always an active member of the Care Team

Discussion

Other Draft USCDI v5 Data Elements Recommendations

Sarah DeSilvey, Co-Chair

Steven (Ike) Eichner, Co-Chair

Draft Recommendations for Finalization

Data Element	Draft Recommendation
Emergency Department Note	
Operative Note	
Lot Number	
Test Kit Unique Device Identifier	
Route	
Sex Parameter for Clinical Use	
Pronoun	
Name to Use	
Interpreter Needed	

Data Elements Scheduled for SME Discussion

Data Element(s)	SMEs Invited	Scheduled Date
Care Plan (Level 2)	Jenna Norton (NIH/NIDDK) Arlene Bierman (AHRQ) Liz Palena-Hall (CMS) Evelyn Gallego (EMI)	3/5/24

New Data Classes and Elements from Draft USCDI v5

Clinical Notes
- ==Emergency Department Note==
- ==Operative Note==

Immunizations
- ==Lot Number==

Laboratory
- ==Test Kit Unique Device Identifier==

Medications
- ==Route==

Observations
- Advance Directive Observation
- ==Sex Parameter for Clinical Use==

(Completed in prior IS WG meetings)

(Discussed but not finalized)

Orders
- Orders

Patient Demographics/Information
- ==Interpreter Needed==
- ==Pronoun==
- ==Name to Use==

Provenance
- Author
- Author Role

Level 2 Data Elements Recommendations

Sarah DeSilvey, Co-Chair

Steven (Ike) Eichner, Co-Chair

Charge (b) – Level 2 elements not included in Draft USCDI v5: Tentative Elements to Review

List current as of 2/13/24

Data Class	Data Element
Patient Summary and Plan	Care Plan
Health Status Assessment	Health Literacy Status
Laboratory	Specimen Collection Date/Time
Allergies and Intolerances	Substance (Food)
Family Health History	Family Health History
Health Insurance Information	Coverage Period
	Policy Number
	Medicare Patient Identifier
	Payer Name
	Plan Name
	Plan Identifier
	Group Name
Clinical Notes	Maternal SDOH Note

Discussion

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 Workgroup and made part of the public record*

Workgroup Work Planning

Sarah DeSilvey, Co-Chair

Steven (Ike) Eichner, Co-Chair

Upcoming IS WG Meetings

Date	Topic
March 5	
March 12	
March 19	
March 26	Begin Finalizing Recommendations
April 2	Finalize Transmittal Letter
April 9	

Adjourn