

USCDI v4 Final Publication Design: ONC awareness of designs prior to publication sign-off

			Final Design awareness - US Core		Final Design awareness - C-CDA		Attendees
Cat ego ry	Fields	USCDI Definition and vocab	USCDI Recommended Terminology Present? (Do Terminology bindings agree with what is declared in USCDI)	Design covers USCDI Definition?	USCDI Terminology Present? (Do Terminology bindings agree with what is declared in USCDI)	Design covers USCDI Definition?	Team members present when awareness sign-off occurred
Allergies and Intolerances							
	Substance (Non-Medication)	- Non-pharmacologic agent believed to cause a harmful or undesired physiologic response following exposure. - SNOMED CT	Pre-existing coverage in the bound Grouped value set Common substances for allergy and intolerance documentation including refutations blocked URL Within the contained sets: - Common dietary substances for allergy and intolerance documentation - Common environmental substances for allergy and intolerance documentation	Yes US Core AllergyIntolerance Profile	Pre-existing coverage in the bound Grouped value set Common substances for allergy and intolerance documentation including refutations blocked URL Within the contained sets: - Common dietary substances for allergy and intolerance documentation - Common environmental substances for allergy and intolerance documentation	Yes Allergy - Intolerance Observation	Sara, Matt, Al, Gay, Brett
Encounter Information							
	Encounter Identifier	- Sequence of characters by which an encounter is known. - NA	NA	Yes US Core Encounter Profile Encounter identifier has been required for several years	NA	Yes Encounter Activity Encounter.id has been required for several years	Sara, Matt, Al, Gay, Brett
Facility Information							
	Facility Identifier	- Sequence of characters representing a physical place of available services or resources. - NA	NA	Yes US Core Location Profile Location identifier	NA	Yes Service Delivery Location Participant Role Code	Alex, Matt, Sara, Brett , Gay
	Facility Type	- Category of service or resource available in a location. - NA	NA	Yes US Core Location Profile Location type	NA	Yes Service Delivery Location Participant Role Code	Alex, Matt, Sara, Brett , Gay

	Facility Name	- Word or words by which a facility is known. - NA	NA	Yes US Core Location Profile Location name	NA	Yes Service Delivery Location Participant Role. Play in Entity name	Alex, Matt, Sara, Brett , Gay
Goals and Preferences							
	Treatment Intervention Preference	- Person's goals, preferences, and priorities for care and treatment in case that person is unable to make medical decisions because of a serious illness or injury. - LOINC	- Yes, LOINC represents the "Question" code (@observation.code). "Answers" (@observation.value) are most often text, but systems must also be able to capture encoded values	Yes US Core Treatment Intervention Preference Profile	- Yes, LOINC represents the "Question" code (@observation.code). "Answers" (@observation.value) are most often text. This is described in the template as well as the usual guidance about text referencing	Yes Treatment Intervention Preference	Sara, Matt, Al, Gay, Brett We noted observation.value is required in C-CDA, but MS in US Core
	Care Experience Preference	- Person's goals, preferences, and priorities for overall experiences during their care and treatment. - LOINC	- Yes, LOINC represents the "Question" code (@observation.code). "Answers" (@observation.value) are most often text, but systems must also be able to capture encoded values	Yes US Core Care Experience Preference Profile	- Yes, LOINC represents the "Question" code (@observation.code). "Answers" (@observation.value) are most often text. This is described in the template as well as the usual guidance about text referencing	Yes Care Experience Preference	Sara, Matt, Al, Gay, Brett We noted observation.value is required in C-CDA, but MS in US Core
Health Status Assessments							

	Alcohol Use	- Evaluation of a patient's consumption of alcohol. - LOINC	Yes LOINC Panel and/or LOINC Panel item codes	Yes <u>Screening and Assessments Guidance</u> US Core Simple Observation Profile US Core Condition Problems and Health Concerns Profile US Core Observation Screening Assessment Profile US Core Questionnaire Response Profile	Yes LOINC Panel and /or LOINC Panel item codes	Yes <u>Screening and Assessment Guidance</u> Assessment Scale Observation Assessment Scale Simple Observation Special History or V-Q Observation	Alex, Matt, Sara, Brett , Gay Team noted to create in C-CDA Guidance page a similar table to this in US Core https://build.fhir.org/ig/HL7/US-Core/screening-and-assessments.html#structured-screening-and-assessments
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	Substance Use	- Evaluation of a patient's reported use of drugs or other substances for non-medical purposes or in excess of a valid prescription. - LOINC	Yes LOINC Panel and/or LOINC Panel item codes	Yes Screening and Assessment Guidance US Core Simple Observation Profile US Core Condition Problems and Health Concerns Profile US Core Observation Screening Assessment Profile US Core Questionnaire Response Profile	Yes LOINC Panel and/or LOINC Panel item codes	Yes Screening and Assessment Guidance Assessment Scale Observation Assessment Scale Supplemental Observation Social History Observation	Alex, Matt, Sara, Brett , Gay Team noted to create in C-CDA Guidance page a similar table to this in US Core https://build.fhir.org/ig/HL7/US-Core/screening-and-assessments.html#structured-screening-and-assessments
	Physical Activity	- Evaluation of a patient's current or usual exercise. - LOINC	Yes LOINC Panel and/or LOINC Panel item codes	Yes Screening and Assessment Guidance US Core Simple Observation Profile US Core Condition Problems and Health Concerns Profile US Core Observation Screening Assessment Profile US Core Questionnaire Response Profile	Yes LOINC Panel and/or LOINC Panel item codes	Yes Screening and Assessment Guidance Assessment Scale Observation	Alex, Matt, Sara, Brett , Gay Team noted to create in C-CDA Guidance page a similar table to this in US Core https://build.fhir.org/ig/HL7/US-Core/screening-and-assessments.html#structured-screening-and-assessments
Laboratory							

	Result Unit of Measure	- Unit of measurement to report quantitative laboratory test results. - UCUM	Yes	US Core Laboratory Result Observation Profile	Yes	Result Observation	Alex, Matt, Sara, Brett , Gay
	Result Reference Range	- Upper and lower limit of quantitative test values expected for a designated population of individuals. - UCUM	Yes	US Core Laboratory Result Observation Profile	Yes	Result Observation	Alex, Matt, Sara, Brett , Gay
	Result Interpretation	- Categorical assessment of a laboratory value, often in relation to a test's reference range. - SNOMED CT - HL7 Code System Observation Interpretation	Yes	US Core Laboratory Result Observation Profile	Yes	Result Observation	Alex, Matt, Sara, Brett , Gay
	Specimen Source Site	- Body location from where a specimen was obtained. - SNOMED CT	Yes	US Core Specimen Profile	Yes	Yes Specimen Collection Procedure	Alex, Matt, Sara, Brett , Gay
	Specimen Identifier	- Sequence of characters assigned by a laboratory for an individual specimen. - NA	Yes	US Core Specimen Profile	Yes	Yes Result Organizer	Alex, Matt, Sara, Brett , Gay
	Specimen Condition Acceptability	- Information regarding a specimen, including the container, that does not meet a laboratory's criteria for acceptability. - SNOMED CT - Health Level 7® (HL7) Code System SpecimenCondition	Yes	US Core Specimen Profile	Yes	Yes Specimen Condition Observation	Alex, Matt, Sara, Brett , Gay Discussion about SNOMED vs the V2 sets. Value set update project - We will investigate to see if we can update the used V2 set (https://terminology.hl7.org/5.3.0/ValueSet-v2-0493.html) with additional terms from Specimen Reject Reason (https://terminology.hl7.org/5.3.0/ValueSet-v2-0490.html)
Medications							
	Medication Instructions	Directions for administering or taking a medication.	NA	Yes US Core Medication Request	NA	Yes Medication Free Text Sig	Alex, Al, Sara, Brett , Gay
	Medication Adherence	Statement of whether a medication has been consumed according to instructions.	Yes, SNOMED CT for "answers"	Yes US Core Medication Request	Yes, SNOMED CT at observation. value for answers	Yes Medication Adherence	Alex, Al, Sara, Brett , Gay
Procedures							
	Performance Time	Time and/or date a procedure is performed.	NA	US Core Procedure Profile US Core Diagnostic Report Profile for Report and Note Exchange US Core Immunization Profile	NA	Yes Procedure Activity Procedure (effective Time)	Alex, Al, Sara, Brett , Gay
Vital Signs							
	Average Blood Pressure	Arithmetic average of systolic and diastolic components of two of more blood pressure readings in a specified time period or according to a specified algorithm or protocol. Information Source for Medication Adherence	Yes, LOINC	Yes US Core average Blood Pressure	Yes LOINC	Yes Average Blood Pressure	Sara, Matt, Al, Gay, Brett Notes: C-CDA: 1) Contained Observations should not be VS Observations 2) should give guidance as to where the method could be sent if recorded
Changes to USCDI Data Elements Introduced Prior to v4							
		Does change break any USCDI rules?	Change				
Patient Demographics							

	Gender Identity	No	Concept to cover conceptual definition of "X" added to value set. 33791000087105 Identifies as nonbinary gender (finding) which has a synonym that aligns with state a federal definitions of "X": "Fluctuating between male and female, or identifying as either having a gender that is in-between or beyond the two categories or as having no gender, either permanently or some of the time."	Gender Identity Extension	Gender Identity Observation Template		Sara, Matt, Al, Gay, Brett
	Sex	No	Codes Added: SCT: Identifies as nonbinary gender (finding) DAR: Asked But Declined	US Core Sex Extension	Sex Observation		Alex, Al, Sara, Brett , Gay
	Sexual Orientation	No	Codes Added: OTH other UNK unknown asked-declined Asked But Declined	US Core Observation Sexual Orientation Profile	Sexual Orientation Observation		Alex, Al, Sara, Brett , Gay
Health Status Assessments							Alex, Al, Sara, Brett , Gay
	Smoking Status	No	US Core: - Value set created at observation. code to allow encoded answer or an integer answer for answers to "Pack Years" - Requested LOINC code for "Electronic Cigarette Use Status" to be added to the observation. code value set (Submission ID: 7156) - Expanded (SNOMED CT) value set at Observation.value to include vaping codes and some situation codes missing C-CDA: - Deprecated "Smoking Status Meaningful Use" Template - Deprecated "Tobacco Use" Template - Created new Smoking Status template that aligns with the new version of US Core Smoking Status - USCDI Table points to the new Smoking Status Template	US Core Smoking Status Observation Profile	Smoking Status		Alex, Al, Sara, Brett , Gay