

DATA EXPORT C-CDA IMPLEMENTATION: Single patient data export data elements are pulled from various areas within the EHR as well as from coded note templates that have been set up with the correct LOINC and SNOMED codes. It is highly recommended to use the Outbound Clinical Information Exchange (CIE) note template to collect/capture fields for C-CDA data exports. Download the Outbound CIE template from the EHR Template Library. Below lists the data export sections, data included, required codes if necessary and instructions for proper implementation.

Field Name	Information on Field	Vocabulary	Code	Required Text in Optional Description
Allergies	Data is pulled from the Allergy Card. If NKDA is selected, no other allergies populate in the CDA. Includes: Allergy Name, Date, Status, Severity, Reaction	RxNorm SNOMED (Reactions)		N/A
Medications	Data is pulled from the Medications Card. Imported medications and record-only medications need to be signed in order to display on the C-CDA. Includes: RxNorm, Brand Name, Prescription SIG, Orderd Value, Order Unit, Date, Status	RxNorm		N/A
Problem List	Data is pulled from the Problems Card. Includes: Code, Description, Status and Date.	SNOMED and ICD10		N/A
Encounters	Data is pulled from a PM or EHR signed charge slip to include encounter type, provider, diagnosis code, date/time and location.	ICD10		N/A
Procedure List	Data is pulled from a PM or EHR signed charge slip. The following CPT® codes WILL NOT be included on the CIE outbound: Surgical codes BETWEEN '10021' AND '69990', Radiology codes BETWEEN '70010' AND '79999', Lab codes BETWEEN '80047' AND '89356', Medicine codes BETWEEN '89398' AND '99607'. Includes: Procedure code, description, date and notes.	CPT		N/A

Procedure Note	Data is pulled from text within a field in a note template coded for Procedure Note. The patient note needs to be linked to a charge slip and appointment. Add text to Optional Description to show the content header.	LOINC	28570-0	Procedure Note:
Immunization	Data is pulled from the Immunization Card to include the Vaccine Name, Date, Status, Dosage.			N/A
Functional Status	Download the Outbound Clinical Information Exchange Note Template for coded fields.			
	Parent Field	SNOMED	118228005	Functional Status:
	No Impairments	SNOMED	66557003	
	Impairments	SNOMED	118228005	
	Functional Status Impairments (Child)			
Mental (Cognitive) Status	Download the Outbound Clinical Information Exchange Note Template for coded fields.			
	Parent Field	SNOMED	373930000	Mental Status:
	No Impairments	SNOMED	66557003	
	Impairments	SNOMED	373930000	
	Cognitive Status Impairments (Child)			
Assessments	Data is pulled from text within a field in a note template coded for Assessments. Add text to Optional Description to show the content header. Includes: Impression and Date.	LOINC	51848-0	Assessment:
Goals	Data is pulled from text within a field in a note template coded for Goals. Add text to Optional Description to show the content header. Inculdes: Goal and Date.	LOINC	61146-7	Goals:

Health Concerns	Data is pulled from text within a field in a note template coded for Health Concerns and from the Risk Factors card. Add text to Optional Description or add a record to show the content header. Includes: Health concern/date and Risk Factor, status, date and comments.	LOINC	75310-3	Health Concern: Risk Factor:
Plan of Treatment	Care Plan Diagnosis Tests Pending Future Scheduled Tests Referrals to Other Providers Clinical Instructions Future Appointments For items listed under Plan of Treatment, data is pulled from text within a field in a note template coded for Plan of Treatment. Add text to Optional Description to show the content header for each field.	LOINC LOINC LOINC LOINC LOINC LOINC LOINC	18776-5 18776-5 18776-5 18776-5 18776-5 18776-5 18776-5	Care Plan: Diagnosis Test(s) Pending: Future Scheduled Test(s): Referrals to Other Providers: Clinical Instructions: Future Appointments: For items listed under Plan of Treatment, data is pulled from text within a field in a note template coded for Plan of Treatment. Add text to Optional Description to show the content header for each field.
Social History/Sex	Data is pulled from the PM Demographic field for Sex and Smoking Status fields coded with a SNOMED code within a template. Download the Outbound Clinical Information Exchange Note Template for coded fields.	SNOMED		Social History:
Lab Results	Lab Company returns result with required LOINC. Alternative, enter Test Code and LOINC Code information in Admin Orders Test Codes to display this information in the Lab Results section of CDA documents for lab results linked to orders. Lab results are required to be signed in order to display.			

Lab Narrative	Contains the clinician's summary or comments on the lab result. Data is pulled from the Lab Narrative field in patient lab results.			
Medical Equipment	Data is pulled from the Implantable Device Card. Includes list of Implantable Devices.			N/A
Vital Signs	BMI	LOINC	39156-5	BMI:
	BP Systolic	LOINC	8480-6	BP Systolic:
	BP Diastolic	LOINC	8462-4	BP Diastolic:
	Height	LOINC	8302-2	Height:
	Weight	LOINC	29463-7	Weight:
	Heart Rate Pulse	LOINC	8867-4	Heart Rate:
	Body Temp	LOINC	8310-5	Body Temp:
	O2% Oximetry	LOINC	59408-5	O2% Oximetry:
	Inhaled Oxygen Concentration	LOINC	3150-0	Inhaled Oxygen Concentration:
	Resp Rate	LOINC	9279-1	Resp Rate:
Pediatric Vital Signs	Head Occipital-frontal Circumference Rate and Percentile (Birth - 36 months) Data is pulled from text within a field in a note template coded for Head Circumference. Field values in the patient note must be numeric only. Add text to Optional Description to show the content header.	LOINC	Rate: 8287-5	Head Circumference:
	Body Mass Index and Percentile (2 – 20 years) Data is pulled from text within a field in a note template coded for Body Mass Index. Field values in the patient note must be numeric only. Add text to Optional Description to show the content header.	LOINC	BMI: 39156-5	Body Mass Index and Percentile:

Care Team Information	Data includes the assigned provider's name, address, and phone number. Additional Care Team members data is pulled from the Care Team patient card.			N/A
Consultation Notes	Data is pulled from text within a field in a note template coded for Consultation Notes. Provenance information is also pulled from the note. Add text to Optional Description to show the content header.	LOINC	11488-4	Consultation Note:
History and Physical Notes	Data is pulled from text within a field in a note template coded for History and Physical Notes. Provenance information is also pulled from the note. Add text to Optional Description to show the content header.	LOINC	34117-2	History and Physical:
Discharge Summary	Data is pulled from text within a field in a note template coded for Discharge Summary. Provenance information is also pulled from the note. Add text to Optional Description to show the content header.	LOINC	18842-5	Discharge Summary:
Progress Note	Data is pulled from text within a field in a note template coded for Progress Notes. Provenance information is also pulled from the note. Add text to Optional Description to show the content header.	LOINC	11506-3	Progress Note:
Imaging Narrative	Data is pulled from text within a field in a note template coded for Imaging Narratives. Provenance information is also pulled from the note. Add text to Optional Description to show the content header.	LOINC	18748-4	Imaging Narrative:

Pathology Narrative	Data is pulled from text within a field in a note template coded for Pathology Narratives. Provenance information is also pulled from the note. Add text to Optional Description to show the content header.	LOINC	22638-1	Pathology Narrative:
Advanced Directives	Data is pulled from the Advanced Directives card. Add a record to the Advanced Directives card to show the content header.			Directive:

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