

NC HealthConnex Scoping Checklist Glossary

Term	Acronym	Definition	Example
Terms			
Assigning Authority	AA	The entity that assigns the unique patient identifier, typically a medical record number, that is sent to NC HealthConnex with each patient record. The Assigning Authority should be represented by an OID.	
Acknowledgement Message	ACK	A type of message that is part of the HL7 standard acknowledgement protocol.	
Admit, Discharge, Transfer Message	ADT	A type of HL7 message that is used to communicate patient demographics and visit/encounter information.	
Clinical Document Architecture	CDA	A standard that provides the common architecture, coding, and markup language for the creation of electronic clinical documents. These documents are XML-based.	
Continuity of Care Document	CCD	A type of XML document based on the HL7 Clinical Document Architecture standard.	
Consolidated Clinical Document Architecture	C-CDA	The HL7 Consolidated Clinical Document Architecture is an XML-based markup standard that provides a library of Clinical Document Architecture documents.	
Electronic Health Record	EHR	An application used to collect and store health information in a digital format.	
Health Information Exchange	HIE	A health information exchange allows providers to securely share and access a patient's clinical data electronically. The state-designated North Carolina health information exchange (HIE) may be referred to as NC HealthConnex throughout this document.	
Health Level 7	HL7	A set of international standards for transfer of clinical and administrative data between various software applications. See https://www.hl7.org for more information.	
Hypertext Markup Language	HTML	The standard markup language for documents designed to be displayed in web browsers.	
Medical Record Number	MRN	A unique number assigned by an organization or facility to an individual for identification purposes. In combination with the assigning authority and source facility, a medical record number should uniquely identify a patient. Medical record numbers should not be reused for different patients within the same assigning authority.	
MRN Pool		A group of IDs generated by the same system. Patient IDs will be unique and assigned to a single person or individual within a single MRN pool.	
NC HealthConnex		The state-designated North Carolina health information exchange. See https://hiea.nc.gov for more information.	
Translation Code		A value used to convert data from one standardized coding system to another to support interoperability (e.g., mapping a local diagnosis code to an ICD-10 code.)	
Object Identifier	OID	A globally unique ISO (International Organization for Standardization) identifier. OIDs are created by a registration authority and are a preferred scheme for unique organization identifiers.	
United States Core Data for Interoperability	USCDI	A standardized set of health data classes and constituent data elements for nationwide, interoperable health information exchange. See https://www.healthit.gov/isa/united-states-core-data-interoperability-uscdi for more information.	
Usage Indicators			
C (Conditional)		Required only if certain conditions are met. The application SHALL implement "C" elements if the conditions apply.	
O (Optional)		Field may or may not be present, depending on the context. The application MAY implement "O" elements.	
R (Required)		The field is mandatory. The application SHALL implement "R" elements.	
RC (Required but may be empty)		Must be implemented; population depends on data availability. The application SHALL implement "RC" elements if relevant data exists.	
Data Types			
CE		Coded Entry	12345*Aspirin*RXNORM
CE.1		Code	12345
CE.2		Code Text	Aspirin
CE.3		Code System	RXNORM
CX		Extended Composite ID	123456-7890
DL		Date/Time with Timezone	20230923T12:00-0500
DT		Date	20230923
EI		Entity Identifier	LAB12345
FN		Family Name	Smith
FT		Formatted Text	Bold Text
HD		Hierarchical Designator	LAB12345.HOSP1
ID		Coded Value	A, B, or C
IS		Coded Value for User	M or F (for Gender)
NM		Numeric	123.45
PL		Person Location	ROOM*BED
RC		Range Component	45787
SI		Sequence ID	1
ST		String	John Doe
TQ		Timing/Quantity	q6h (every 6 hours)
TS		Timestamp	20230923120000
TX		Text Data	Free-text data
Varies		Variable Data Type	Varies by context
XCN		Extended Composite Name	1234*Doe^John
XON		Extended Organization Name	ABC Corp
XTN		Extended Telephone Number	2566

Code Systems			
Term	Acronym	Definition	Example
HL7 001		Administrative Sex.	F: Female, M: Male, O: Other, U: Unknown
CDCREC		CDC Race and Ethnicity.	White: 2106-3
CVX – Directory		Vaccines Administered/Vaccine National Drug Code (NDC).	CVX 20: DTaP
FIPS		Federal Information Processing Standards standardized 2-to-5 digit numeric codes assigned by NIST to uniquely identify geographic areas, primarily in the U.S.	Wake County NC: 37183 and NC: 37
HCPCS (Healthcare Common Procedure Coding System) - Level I is CPT codes Current Procedural Terminology, and Level II identifies products, supplies, and services not included in CPT codes consisting of a singly alphabetical letter followed by 4 numeric digits.		HCPCS (Healthcare Common Procedure Coding System) - Level I is CPT codes Current Procedural Terminology, and Level II identifies products, supplies, and services not included in CPT codes consisting of a singly alphabetical letter followed by 4 numeric digits.	CPT-99214 (Level II) A4206
ICD-10		International Classification of Diseases.	I10 essential ("primary") hypertension.
ISO 3166-1		Alpha-3 three-letter, Latin-character international standards used to represent countries, dependent territories, and special areas.	USA
ISO 639		International standard for language codes maintained by the International Organization for Standardization.	en for English
ISO 8601 (International standard for representing dates and times numerically, e.g., YYYY-MM-DD)		ISO 8601 (International standard for representing dates and times numerically, e.g., YYYY-MM-DD).	
LOINC		Logical Observation Identifiers, Names, and Codes.	46464-8 White Blood Cell Count
Marital Status		HL7 0002.	A: Separated, D: Divorced, M: Married, S: Single (never married), W:
National Provider Identifier		NPI National Provider Registry.	A unique 10-digit number
RxNorm		A standardized vocabulary from the U.S. National Library of Medicine that normalizes names for all clinical drugs in the U.S.	
SNOMED CT		The world's most comprehensive, multilingual clinical terminology, featuring over 350,000 concepts, synonyms, and definitions used in standardized clinical documentation.	Myocardial infarction (SCTID: 22298006
UB04 or CMS-1450		Standard uniform institutional claim form used by hospitals, nursing facilities, and inpatient/outpatient clinics to bill Medicare, Medicaid, and most insurance	
UCUM		Unified Code for Units of Measure is a code system intended to include all units of measures being contemporarily used in international science.	%: percent