HEALTH INFORMATION STANDARDS COMMITTEE FOR ALBERTA

PHYSICIAN OFFICE SYSTEM PROGRAM - MEDICAL SUMMARY FOR TRANSFER OF PATIENT DATA

Revision History

Version	Revision Date	Summary of Changes	Changes Marked
0	2005-Jul-18	Draft	No
0	2005-Aug-02	Accepted in Draft, distribution	No
0.1	2005-Oct-19	Revisions, based on review	No

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Objective

The purpose of the POSP - Medical Summary for Transfer of Patient Data Project was to create a way in which the necessary and sufficient patient information, in the absence of the entire medical record, could be transferred from one physician office system to another to support informed medical care. The objective was to define and publish a medical summary to support the business needs of physicians in providing informed medical care that is independent of the technology used to perform the transfer. The resulting Physician Office System (POS) Medical Summary is defined using existing health information standards as established by the Health Information Standards Committee of Alberta (HISCA) where possible, and has integrated the data definitions of key projects such as the Pharmacy Information Network (PIN) and Person Directory (PD).

The Physician Office System Program (POSP) is currently submitting the POSP - Medical Summary for Transfer of Patient Data specification for review. The file format specification will be submitted at a later date.

Project Governance

The project engaged both a Steering Committee and Working Group to define the business and information requirements necessary to support informed medical care in the absence of the entire patient record in the short to mid-term. Both the Steering Committee and Working Group were comprised of physicians, and representatives from each of POSP, Alberta Health and Wellness and the Canadian Health Information Technology and Trade Association (CHITTA). In addition, the Working Group included a clinic manager, while the Steering Committee was augmented by a representative of the College of Physicians and Surgeons of Alberta.

The Working Group met regularly to direct and support the work of the consulting team, provide direction and review of deliverables, and to make recommendations regarding issues to be addressed. At each project milestone, the Steering Committee also met to review and discuss project deliverables, and to provide additional feedback to the Working Group and consulting team.

Solution Overview

In constructing a definition of the term Medical Summary, the Environmental Scan of Medical Summary Projects (completed during the initial start-up phase of this project) did not identify a significant difference in the definition of the terms "medical summary" and "core data set". It was decided the preferred term for this project would be "medical summary".

The proposed solution, the POS Medical Summary, is defined as the "necessary and sufficient patient information in the absence of the entire patient record that will be transferred from one physician office system to another to support informed medical care in the short to mid-term." Data elements defined within the POS Medical Summary include:

- *Structured Data*, including, Diagnosis, Medications, Allergies, Test Results, Procedures, Encounters and Demographics;
- *Unstructured Data*, including Journal entries, Care Plans, Notes and unstructured messages.

The POS Medical Summary is intended to satisfy the following business events:

A physician changes vendor:
- By choice
- Because the vendor does not achieve/maintain VCUR conformance
- Because the vendor goes out of business
- Patients or physicians move:
- A patient moves from one physician to a physician running a different POS
- Physicians retire or otherwise leave a community and patients are taken up by other clinics
- The physician leaves a practice and joins another

To mitigate any misunderstanding of scope associated with the project's name it is necessary to distinguish between the terms "data transfer", "data conversion" and "data archiving":

Data transfer refers to a one-way movement of data from one location to another. In this case, the transfer of patient data is the one-way movement of patient data from one physician office system to another by way of export and import through the use of a standardized file format.

Data conversion refers to the process of converting data stored in one format to another format, usually within the same systems environment.

Data archiving refers to the process of storing data for long-term retention, regardless of whether the storage is within the system or external to the system (e.g. on removable media).

Out of Scope

The scope of the project did not consider:
- Transferring the entire patient record between physicians POS;
- Conversion of an entire patient record from one POS to another;
- The extension of the Medical Summary to encompass patient referral;
- Provincial booking services (wait list registry);
- Defining the transmission of the data;
- Issues related to the continued accessibility of full patient records stored in a previous POS;
- Issues related to data archiving; or
- Administrative issues such as how to arrange this information or how the information can be informed with additional knowledge.

Approach to Designing the POS Medical Summary

A consulting team supported the project Working Group in the development of the deliverables, with oversight and review of the Steering Committee. The following provides a summary of the approach to developing the POS Transfer Medical Summary:

Phase I – Environmental Scan

An environmental scan was conducted to gather relevant information pertaining to core data set projects occurring across Canada and Internationally. The scan included examining the processes undertaken to develop medical summaries/core date sets and capturing the lessons learned from these projects. This information provided the Working Group the foundation to build on existing work while promoting innovation in the design of the MS to meet the needs of Alberta's physicians.

The environmental scan was completed by performing web searches and procuring publicly available documentation on key CDS projects (see list below). The consulting team also contacted the project sponsors and/or authorities of other CDS/MS projects to gather information directly from project participants. The following projects were included as part of the environmental scan:

- Ontario ePhysician Project (ePP)
- COMPETE II CDS
- Continuity of Care Record (US)
- Alberta- Continuing Care and the Emergency Patient Record CDS projects,
- BC eMS Project (VIHA and British Columbia Ministry of Health), and
- The GP2GP (UK).

Where possible, data structure and content standards were associated with medical summary data elements. Effort was made to utilize existing HISCA data sets and individual data elements currently approved or in draft. This would ensure consistency in the event that the POSP pursue acceptance of the

Medical Summary as a HISCA standard and work with POS vendors to ensure that the medical summary file structure and format can be more easily incorporated into the Alberta health system as a whole.

Phase II – Design of Core Data Set

The steps in this Phase included:
Defining the business requirements for transferring patient information to support a one-time transfer. This step was achieved through 2 separate facilitated sessions with members of the Project Working Group.

- Defining/validating the business processes/events and models associated with the transfer of patient data. The event models mirror the models presented in the POS to POS Interface Feasibility Study, illustrating all parties to the transfer event and the required processes within the clinic.
- Developing a MS generic template; choosing a vocabulary by defining/confirming the level of detail for structured and unstructured fields, standard definitions and codes (e.g. International Classification of Diseases ICD 9/10).
- Defining the variables of interest to the MS in meeting the business requirements (based on the event models and input from the Working Group about what is required for the continuum of care).
- Developing unified terminologies that constitute the universe of values for each variable of interest and that can be used to document clinical care.
- Developing a core data set straw model.
- Seeking wider consultation and feedback on the MS with the assistance of relevant bodies (Alberta Medical Association and HISCA), and
- Revising the MS, as required, based on feedback from the consultation exercise.

The design of the POS Medical Summary was a consensus driven process by the Working Group, supported through the work of the Consulting Team and the Direction of the Steering Committee.

Business Model

Medical Summary for Transfer of Patient Data

Document Header	Document Sender	Document Receiver

Patient

Patient Identification	Patient Contact	Patient Emergency Contact
Stakeholder Identification	Patient Address	
Patient Name	Patient Telecommunication	

Patient Record

Provider

Encounter	Social History	Family History	Alert
Plan of Care	Allergy	Procedure	Device
Condition/Diagnosis/Problem	Medical Laboratory	Medication	Immunization — Immunization Series

Developmental History	Reproductive History	Quantitative Observation
Infant Apgar	Pregnancy History	Blood Pressure
	Pregnancy Summary	Height
Attachment	Mother Summary	Weight
	Father	Waist
		Mini Mental

Compound Name	Medical Summary for Transfer of Patient Data
Component Name	Document Header Document Sender Document Receiver Patient
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Compound Name	Document Header
Parent Compound Name	Medical Summary for Transfer of Patient Data
Component Name	Date/Time of Transmission Purpose Comment
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Date/Time of Transmission
Compound Name	Document Header
Requirement for the Standard	
Standard Reference	
Definition	Time and date that the Medical Summary for Transfer of Patient Data was sent
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	YYYYMMDD HHMMSS
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Purpose
Compound Name	Document Header
Requirement for the Standard	
Standard Reference	
Definition	Describes purpose for the creation of the Medical Summary for Transfer of Patient Data
Information Exchange Format Type	C
Information Exchange Format Length	250
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Changed POS Retired Moved Practice Patient changed physician
Synonymous Name	

Data Element Name	Comment
Compound Name	Document Header
Requirement for the Standard	
Standard Reference	
Definition	Comments to capture any contextual information regarding the service from the Health Service Provider.
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Document Sender
Parent Compound Name	Medical Summary for Transfer of Patient Data
Component Name	Participant Role Document Sender Identification Document Sender Name Document Sender Organization Document Sender Address Document Sender Telecommunication
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Information regarding the person/organization that is sending the Medical Summary for Transfer of Patient Data

Data Element Name	Participant Role
Compound Name	Document Sender
Requirement for the Standard	
Standard Reference	AHEAD
Definition	Recognized roles for people who participate in events affecting the health of people. People and organizations can have many roles at the same time and often play different roles at different times. Defines roles recognized by the health system that participate in events affecting the health of people. Roles are names assigned to groups of responsibilities.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Role Type Table
Synonymous Name	

Compound Name	Document Sender Identification
Parent Compound Name	Document Sender
Component Name	Stakeholder Identifier Stakeholder ID Type Stakeholder Assigning Authority Stakeholder ID Domain
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Stakeholder Identifier
Compound Name	Document Sender Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A string of alphanumeric characters assigned to a person, organization. This string of characters is unique for a unique combination of ID Type + ID Domain.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	The standard way to represent the ULI (Alberta) in print or display medium is as follows: 99999-9999
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Stakeholder ID Type
Compound Name	Document Sender Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that represents the kind of identification (ID) scheme for the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Identifier Type Table
Synonymous Name	

Data Element Name	Stakeholder Assigning Authority
Compound Name	Document Sender Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that identifies the issuer of the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Assigning Authority Table
Synonymous Name	

Data Element Name	Stakeholder ID Domain
Compound Name	Document Sender Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code, which represents the specific sphere of control under which the identifier is included (i.e. what is the set of identifiers included).
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Document Sender Name
Parent Compound Name	Document Sender
Component Name	Person Name Type Prefix Given Name Middle Name Family Name Designation
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Person Name Type
Compound Name	Document Sender Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of name.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	AAAA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Name Type Table
Synonymous Name	

Data Element Name	Prefix
Compound Name	Document Sender Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The honourific or salutation that precedes the name
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	Following the Canadian press stylebook as the preferred format
Implementation Consideration	
Permissible Data Element Value	Prefix Type Table
Synonymous Name	

Data Element Name	Given Name
Compound Name	Document Sender Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The first name of a Person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Middle Name
Compound Name	Document Sender Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The other given name of a person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Family Name
Compound Name	Document Sender Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The full surname or family name of a person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	Last Name

Data Element Name	Designation
Compound Name	Document Sender Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A person's education and / or profession designation
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	HISCA standardizes on the Short Designation. The Short Designation is the abbreviated version of the education and / or profession designation. Multiple Designations may be applicable to one individual. In order to facilitate accurate and consistent interchange of information, the Health Information Standards Committee for Alberta (HISCA) attempts to standardize the possible values for the designations that may be associated with an individual. For this reason, HISCA supplies a list of standardized abbreviations that should be used when any of the designation applies. This list of abbreviations is not exhaustive and where it is insufficient, an abbreviation of the stakeholder's choice can be entered. If a prefix [suffix or designator] is found to be used with some frequency, the abbreviation may then be submitted to HISCA for inclusion in the standard.
Permissible Data Element Value	Designation Type Table
Synonymous Name	

Compound Name	Document Sender Organization
Parent Compound Name	Document Sender
Component Name	Organization Name Organization Name Type
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Organization Name
Compound Name	Document Sender Organization
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The label by which an organization is known and communicated with.
Information Exchange Format Type	C
Information Exchange Format Length	200
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Organization Name Type
Compound Name	Document Sender Organization
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of organization name.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Name Type Table
Synonymous Name	

Compound Name	Document Sender Address
Parent Compound Name	Document Sender
Component Name	Address Usage Unit Identifier Unit Designator Street Number Street Number Suffix Type Street Name Street Type Street Direction Type Municipality Province Code Country Name Postal Code Foreign Postal Code
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Address Usage
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the manner of address for an organization or person.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Address Usage Type Table
Synonymous Name	

Data Element Name	Unit Identifier
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Unit Identifier" is the number or name of a specific unit contained within a building or complex, as assigned by that building or complex
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Unit Designator
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Unit Designator" indicates the type of specific unit contained within a building or complex.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Designator Table
Synonymous Name	

Data Element Name	Street Number
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official street number assigned to an address by a municipality.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Number
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official street number assigned to an address by a municipality. This data element is conditional on the presence of a Street Number, element number 9.2.5.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Number Suffix Type
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Street Number Suffix" is any alphabetic character, fraction or other text that may appear after the street number).

This data element is conditional on the presence of a Street Number, element number 9.2.5. |
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Number Suffix Type Table
Synonymous Name	

Data Element Name	Street Name
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official name of a roadway or artery recognized by a municipality .
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Type
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Street Type" is the designation given to the street. Street Types are provided by the Municipality. This data element is conditional on the presence of a Street Number, element number 9.2.5.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Type Table
Synonymous Name	

Data Element Name	Street Direction Type
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the direction or location indicator added to a street name.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	AA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Direction Type Table
Synonymous Name	

Data Element Name	Municipality
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A municipality is any city, town or village in Canada that is recognized as a valid mailing address by Canada Post.
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Province Code
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	An administrative district or division of Canada used by Canada Post in the delivery of mail.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	AA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Province Code Table
Synonymous Name	

Data Element Name	Country Name
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	ISO 3166-1 and 3166-3
Definition	This is the code of the country associated with the address, and is required for addresses outside of Canada.
Information Exchange Format Type	C
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Country Code Table
Synonymous Name	

Data Element Name	Postal Code
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A group of figures or letters and figures which are added to a postal address to assist sorting.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	ANANAN
Obligation	R
Business Rule/Coding Guideline	Approved Postal Codes from Canada Post. ANA NAN where 'A' indicates an uppercase alphabetic character (A through Z) and 'N' indicates a numeric character (0 through 9). Correct: T5J2N3 Incorrect: T5J 2N3 T5J-2N3 T5J 3R7
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Foreign Postal Code
Compound Name	Document Sender Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a non-Canadian postal code.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Document Sender Telecommunication
Parent Compound Name	Document Sender
Component Name	Area Code Telecom Local Number Telecom Type Telecom Usage Email Address Website Address
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Area Code
Compound Name	Document Sender Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code that further subdivides an international telecommunication zone into unique areas within zone used to expedite the routing of telecommunication message to the desired place within the zone.
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Telecom Local Number
Compound Name	Document Sender Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The number assigned to a telephone subscriber (unique within an area), to make connections to their telephone.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Telecom Type
Compound Name	Document Sender Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of equipment used by an organization or person for telecommunication.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	More than one phone type may be registered for a stakeholder (person or organization)
Implementation Consideration	
Permissible Data Element Value	Telecom Type Table
Synonymous Name	

Data Element Name	Telecom Usage
Compound Name	Document Sender Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the manner of a telecommunication for an organization or person.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	AAAA
Obligation	RE
Business Rule/Coding Guideline	More than one phone usage may be registered for a stakeholder (person or organization).
Implementation Consideration	
Permissible Data Element Value	Telecom Usage Type Table
Synonymous Name	

Data Element Name	Email Address
Compound Name	Document Sender Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	An alphanumeric term that identifies the electronic mailbox or storage area to which messages can be delivered over a network.
Information Exchange Format Type	C
Information Exchange Format Length	250
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Website Address
Compound Name	Document Sender Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The address of a computer or a document on the Internet that consists of a communications protocol followed by a colon and two slashes (as http://), the identifier of a computer (as www.m-w.com) and usually a path through a directory to a file of a stakeholder in Alberta's Health System. A web address is also called a uniform resource locator, or universal resource locator.
Information Exchange Format Type	C
Information Exchange Format Length	150
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Document Recipient
Parent Compound Name	Medical Summary for Transfer of Patient Data
Component Name	Participant Role Document Recipient Identification Document Recipient Name Document Recipient Address Document Recipient Telecommunication
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Information regarding the person/organization that is receiving the MS

Data Element Name	Participant Role
Compound Name	Document Recipient
Requirement for the Standard	
Standard Reference	AHEAD
Definition	Recognized roles for people who participate in events affecting the health of people. People and organizations can have many roles at the same time and often play different roles at different times. Defines roles recognized by the health system that participate in events affecting the health of people. Roles are names assigned to groups of responsibilities.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Role Type Table
Synonymous Name	

Compound Name	Document Recipient Identification
Parent Compound Name	Document Recipient
Component Name	Stakeholder Identifier Stakeholder ID Type Stakeholder Assigning Authority Stakeholder ID Domain
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Stakeholder Identifier
Compound Name	Document Recipient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A string of alphanumeric characters assigned to a person, organization. This string of characters is unique for a unique combination of ID Type + ID Domain.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	Value Sets for each comprise the identification strings assigned by the ID Assigning Authority for each.
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Stakeholder ID Type
Compound Name	Document Recipient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that represents the kind of identification (ID) scheme for the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Identifier Type Table
Synonymous Name	

Data Element Name	Stakeholder Assigning Authority
Compound Name	Document Recipient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that identifies the issuer of the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Assigning Authority Table
Synonymous Name	

Data Element Name	Stakeholder ID Domain
Compound Name	Document Recipient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code, which represents the specific sphere of control under which the identifier is included (i.e. what is the set of identifiers included).
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Domain Table
Synonymous Name	

Compound Name	Document Recipient Name
Parent Compound Name	Document Recipient
Component Name	Person Name Type Prefix Given Name Middle Name Family Name Designation
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Person Name Type
Compound Name	Document Recipient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of name.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	AAAA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Name Type Table
Synonymous Name	

Data Element Name	Prefix
Compound Name	Document Recipient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The honourific or salutation that precedes the name
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Prefix Type Table
Synonymous Name	

Data Element Name	Given Name
Compound Name	Document Recipient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The first name of a Person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Middle Name
Compound Name	Document Recipient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The other given name of a person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Family Name
Compound Name	Document Recipient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The full surname or family name of a person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	Last Name

Data Element Name	Designation
Compound Name	Document Recipient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A person's education and / or profession designation
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	In order to facilitate accurate and consistent interchange of information, the Health Information Standards Committee for Alberta (HISCA) attempts to standardize the possible values for the designations that may be associated with an individual. For this reason, HISCA supplies a list of standardized abbreviations that should be used when any of the designation applies. This list of abbreviations is not exhaustive and where it is insufficient, an abbreviation of the stakeholder's choice can be entered. If a prefix [suffix or designator] is found to be used with some frequency, the abbreviation may then be submitted to HISCA for inclusion in the standard.
Permissible Data Element Value	Designation Type Table
Synonymous Name	

Compound Name	Document Recipient Address
Parent Compound Name	Document Recipient
Component Name	Address Usage Unit Identifier Unit Designator Street Number Street Number Suffix Type Street Name Street Type Street Direction Type Municipality Province Code Country Name Postal Code Foreign Postal Code
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Address Usage
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the manner of address for an organization or person.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Address Usage Type Table
Synonymous Name	

Data Element Name	Unit Identifier
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Unit Identifier" is the number or name of a specific unit contained within a building or complex, as assigned by that building or complex
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Unit Designator
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Unit Designator" indicates the type of specific unit contained within a building or complex.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Designator Table
Synonymous Name	

Data Element Name	Street Number
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official street number assigned to an address by a municipality. This data element is conditional on the presence of a Street Number, element number 9.2.5.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Number Suffix Type
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Street Number Suffix" is any alphabetic character, fraction or other text that may appear after the street number).
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Number Suffix Type Table
Synonymous Name	

Data Element Name	Street Name
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official name of a roadway or artery recognized by a municipality .
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Type
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Street Type" is the designation given to the street. Street Types are provided by the Municipality.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Type Table
Synonymous Name	

Data Element Name	Street Direction Type
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the direction or location indicator added to a street name.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	AA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Direction Type Table
Synonymous Name	

Data Element Name	Municipality
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A municipality is any city, town or village in Canada that is recognized as a valid mailing address by Canada Post.
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Province Code
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	An administrative district or division of Canada used by Canada Post in the delivery of mail.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	AA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Province Code Table
Synonymous Name	

Data Element Name	Country Name
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	ISO 3166-1 and 3166-3
Definition	This is the code of the country associated with the address, and is required for addresses outside of Canada.
Information Exchange Format Type	C
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Country Code Table
Synonymous Name	

Data Element Name	Postal Code
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A group of figures or letters and figures which are added to a postal address to assist sorting.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	ANANAN
Obligation	R
Business Rule/Coding Guideline	Approved Postal Codes from Canada Post. ANA NAN where 'A' indicates an uppercase alphabetic character (A through Z) and 'N' indicates a numeric character (0 through 9). Correct: T5J2N3 Incorrect: T5J 2N3 T5J-2N3 T5J 3R7
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Foreign Postal Code
Compound Name	Document Recipient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a non-Canadian postal code.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Document Recipient Telecommunication
Parent Compound Name	Document Recipient
Component Name	Area Code Telecom Local Number Telecom Type Telecom Usage
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Area Code
Compound Name	Document Recipient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code that further subdivides an international telecommunication zone into unique areas within zone used to expedite the routing of telecommunication message to the desired place within the zone.
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Telecom Local Number
Compound Name	Document Recipient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The number assigned to a telephone subscriber (unique within an area), to make connections to their telephone.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Telecom Type
Compound Name	Document Recipient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of equipment used by an organization or person for telecommunication.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Telecom Type Table
Synonymous Name	

Data Element Name	Telecom Usage
Compound Name	Document Recipient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the manner of a telecommunication for an organization or person.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	AAAA
Obligation	RE
Business Rule/Coding Guideline	More than one phone usage may be registered for a stakeholder (person or organization).
Implementation Consideration	
Permissible Data Element Value	Telecom Usage Type Table
Synonymous Name	

Compound Name	Patient
Parent Compound Name	Medical Summary for Transfer of Patient Data
Component Name	Patient Identification Patient Contact Information Patient Emergency Contact Information Patient Record
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Compound Name	Patient Identification
Parent Compound Name	Patient
Component Name	Stakeholder Identifier Stakeholder ID Type Stakeholder Assigning Authority Stakeholder ID Domain
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Value Sets for each comprise the identification strings assigned by the ID Assigning Authority for each. The ULI (Unique Lifetime Identifier) is a unique and permanent number assigned to all persons and organizations with a vested interest in the health system of Alberta. This includes all Alberta residents, residents of other provinces who receive health services. Provincial Health Number: This is the identifier indicating an individual is eligible for basic health services from a designated province. Clinic Chart #: # of the Chart as it is listed within the physicians practice. As patients may have several charts with associated numbers, the Stakeholder ID Type describes the chart association with number: radiology chart, confidential chart, mental health chart, etc.

Data Element Name	Stakeholder Identifier
Compound Name	Patient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A string of alphanumeric characters assigned to a person, organization.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Stakeholder ID Type
Compound Name	Patient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that represents the kind of identification (ID) scheme for the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Identifier Type Table
Synonymous Name	

Data Element Name	Stakeholder Assigning Authority
Compound Name	Patient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that identifies the issuer of the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Assigning Authority Table
Synonymous Name	

Data Element Name	Stakeholder ID Domain
Compound Name	Patient Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code, which represents the specific sphere of control under which the identifier is included (i.e. what is the set of identifiers included).
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Domain Table
Synonymous Name	

Data Element Name	Date of Birth
Compound Name	Patient
Requirement for the Standard	
Standard Reference	
Definition	The Patient's birth date as supplied by the Primary Data Source.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Gender
Compound Name	Patient
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code depicting the administrative sex of the person as reported on registration.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Gender Type Table
Synonymous Name	

Compound Name	Patient Name
Parent Compound Name	Patient Identification
Component Name	Person Name Type Prefix First Given Second Given Family Name
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Person Name Type
Compound Name	Patient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of name.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	AAAA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	A person may be known by more than one name at the same time or over time
Permissible Data Element Value	Name Type Table
Synonymous Name	

Data Element Name	Prefix
Compound Name	Patient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A title used by the person, e.g. Mr., Mrs., Ms., Dr.
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	Text
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Prefix Type Table
Synonymous Name	

Data Element Name	First Given
Compound Name	Patient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A person's first name.
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	Text
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Second Given
Compound Name	Patient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A person's second or middle name.
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	Text
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Family Name
Compound Name	Patient Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A person's family name.
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	Text
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Patient Contact Information
Parent Compound Name	Patient
Component Name	Patient Address Patient Telecommunication
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Compound Name	Patient Address
Parent Compound Name	Patient Contact Information
Component Name	Address Usage Unit Identifier Unit Designator Street Number Street Number Street Number Suffix Type Street Name Street Type Street Direction Type Municipality Province Code Country Name Postal Code Foreign Postal Code
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Address Usage
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the manner of address for an organization or person.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Address Usage Type Table
Synonymous Name	

Data Element Name	Unit Identifier
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Unit Identifier" is the number or name of a specific unit contained within a building or complex, as assigned by that building or complex
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Unit Designator
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Unit Designator" indicates the type of specific unit contained within a building or complex.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Designator Table
Synonymous Name	

Data Element Name	Street Number
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official street number assigned to an address by a municipality.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Number
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official street number assigned to an address by a municipality. This data element is conditional on the presence of a Street Number, element number 9.2.5.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Number Suffix Type
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Street Number Suffix" is any alphabetic character, fraction or other text that may appear after the street number). This data element is conditional on the presence of a Street Number, element number 9.2.5.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Number Suffix Type Table
Synonymous Name	

Data Element Name	Street Name
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the official name of a roadway or artery recognized by a municipality .
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Street Type
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The "Street Type" is the designation given to the street. Street Types are provided by the Municipality.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Type Table
Synonymous Name	

Data Element Name	Street Direction Type
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is the direction or location indicator added to a street name.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	AA
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Street Direction Type Table
Synonymous Name	

Data Element Name	Municipality
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A municipality is any city, town or village in Canada that is recognized as a valid mailing address by Canada Post.
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Province Code
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	An administrative district or division of Canada used by Canada Post in the delivery of mail.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Province Code Table
Synonymous Name	

Data Element Name	Country Name
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	ISO 3166-1 and 3166-3 Country Code
Definition	This is the code of the country associated with the address, and is required for addresses outside of Canada.
Information Exchange Format Type	C
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Country Code Table
Synonymous Name	

Data Element Name	Postal Code
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A group of figures or letters and figures which are added to a postal address to assist sorting.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	ANANAN
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Foreign Postal Code
Compound Name	Patient Address
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a non-Canadian postal code.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	O
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Patient Telecommunication
Parent Compound Name	Patient Contact Information
Component Name	Area Code Telecom Local Number Telecom Type Telecom Usage
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Area Code
Compound Name	Patient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code that further subdivides an international telecommunication zone into unique areas within zone used to expedite the routing of telecommunication message to the desired place within the zone.
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Telecom Local Number
Compound Name	Patient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The number assigned to a telephone subscriber (unique within an area), to make connections to their telephone.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Telecom Type
Compound Name	Patient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of equipment used by an organization or person for telecommunication.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Telecom Type Table
Synonymous Name	

Data Element Name	Telecom Usage
Compound Name	Patient Telecommunication
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the manner of a telecommunication for an organization or person.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Telecom Usage Type Table
Synonymous Name	

Compound Name	Patient Emergency Contact Information
Parent Compound Name	Patient
Component Name	Relationship to patient Type of contact
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Information in order to contact main contact person for the patient

Data Element Name	Relationship to patient
Compound Name	Patient Emergency Contact Information
Requirement for the Standard	
Standard Reference	
Definition	
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Relationship Type Table
Synonymous Name	

Data Element Name	Type of contact
Compound Name	Patient Emergency Contact Information
Requirement for the Standard	
Standard Reference	
Definition	This person is the emergency contact for the patient or next of Kin. (The role of the contact is also required if multiple contacts are entered.)
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Contact Type Table
Synonymous Name	

Data Element Name	Contact Name
Compound Name	Patient Emergency Contact Information
Requirement for the Standard	
Standard Reference	
Definition	The name of the individual or organization that has been supplied by the patient.
Information Exchange Format Type	C
Information Exchange Format Length	250
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Contact Data
Compound Name	Patient Emergency Contact Information
Requirement for the Standard	
Standard Reference	
Definition	The contact particulars (telephone, address, etc.) that has been supplied by the patient.
Information Exchange Format Type	C
Information Exchange Format Length	250
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Patient Record
Parent Compound Name	Patient
Component Name	Provider
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Relevant clinical data regarding the patient and the service events they have received from a specific provider.

Data Element Name	Participant Role
Compound Name	Provider
Requirement for the Standard	
Standard Reference	AHEAD
Definition	Recognized roles for people who participate in events affecting the health of people. People and organizations can have many roles at the same time and often play different roles at different times. Defines roles recognized by the health system that participate in events affecting the health of people. Roles are names assigned to groups of responsibilities.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Role Type Table
Synonymous Name	

Compound Name	Provider Identification
Parent Compound Name	Provider
Component Name	Stakeholder Identifier Stakeholder ID Type Stakeholder Assigning Authority Stakeholder ID Domain
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Stakeholder Identifier
Compound Name	Provider Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A string of alphanumeric characters assigned to a person, organization.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Stakeholder ID Type
Compound Name	Provider Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that represents the kind of identification (ID) scheme for the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Identifier Type Table
Synonymous Name	

Data Element Name	Stakeholder Assigning Authority
Compound Name	Provider Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	This is a code that identifies the issuer of the identifier.
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Assigning Authority Table
Synonymous Name	

Data Element Name	Stakeholder ID Domain
Compound Name	Provider Identification
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code, which represents the specific sphere of control under which the identifier is included (i.e. what is the set of identifiers included).
Information Exchange Format Type	C
Information Exchange Format Length	6
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Domain Table
Synonymous Name	

Compound Name	Provider Name
Parent Compound Name	Provider
Component Name	Person Name Type Prefix Given Name Middle Name Family Name Designation
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Person Name Type
Compound Name	Provider Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A code designating the type of name.
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Name Type Table
Synonymous Name	

Data Element Name	Prefix
Compound Name	Provider Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The honourific or salutation that precedes the name
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Prefix Type Table
Synonymous Name	

Data Element Name	Given Name
Compound Name	Provider Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The first name of a Person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Middle Name
Compound Name	Provider Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The other given name of a person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Family Name
Compound Name	Provider Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	The full surname or family name of a person
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	Last Name

Data Element Name	Designation
Compound Name	Provider Name
Requirement for the Standard	
Standard Reference	HISCA: SDDS version 2.2
Definition	A person's education and / or profession designation
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	HISCA standardizes on the Short Designation. The Short Designation is the abbreviated version of the education and / or profession designation. Multiple Designations may be applicable to one individual. In order to facilitate accurate and consistent interchange of information, the Health Information Standards Committee for Alberta (HISCA) attempts to standardize the possible values for the designations that may be associated with an individual. For this reason, HISCA supplies a list of standardized abbreviations that should be used when any of the designation applies. This list of abbreviations is not exhaustive and where it is insufficient, an abbreviation of the stakeholder's choice can be entered. If a prefix [suffix or designator] is found to be used with some frequency, the abbreviation may then be submitted to HISCA for inclusion in the standard.
Permissible Data Element Value	Designation Type Table
Synonymous Name	

Compound Name	Provider
Parent Compound Name	Patient Record
Component Name	Encounter Social History Family History Alert Plan of Care Condition/Diagnosis/Problem Procedure Device Allergy Medication Medical Laboratory Immunization Quantitative Observation Developmental History Reproductive History Attachment
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Relevant clinical data regarding the patient and the service events they have received from a specific provider.

Compound Name	Encounter
Parent Compound Name	Provider
Component Name	Contact Date Contact Reason Comment Comment Signature Scheduled Contact Due Date Reason for next appointment
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Contact Date
Compound Name	Encounter
Requirement for the Standard	
Standard Reference	
Definition	Repeated for each recent and pertinent encounter or exam.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Contact Reason
Compound Name	Encounter
Requirement for the Standard	
Standard Reference	
Definition	A code and description that identifies the reason a participant or health service provider was scheduled for contact by the Physician.
Information Exchange Format Type	C
Information Exchange Format Length	2000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Comment
Compound Name	Encounter
Requirement for the Standard	
Standard Reference	
Definition	Comments to capture any contextual information regarding the service from the Health Service Provider.
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Comment Signature
Compound Name	Encounter
Requirement for the Standard	
Standard Reference	
Definition	Provider electronic signature who wrote the encounter note.
Information Exchange Format Type	C
Information Exchange Format Length	100
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Scheduled Contact Due Date
Compound Name	Encounter
Requirement for the Standard	
Standard Reference	
Definition	Calendar date identifying the date a patient is due to be contacted by the Physician
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Reason for next appointment
Compound Name	Encounter
Requirement for the Standard	
Standard Reference	
Definition	Reason for follow up appointment
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Social History
Parent Compound Name	Provider
Component Name	Social Alert Language Code Relationship status Occupation Employer Education Leisure activities Journal Notes
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Social history about the patient

Data Element Name	Social Alert
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	Any alerts to be aware of such as alcoholism, history of drug abuse, risk of HIV/Hep B
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Language Code
Compound Name	Social History
Requirement for the Standard	
Standard Reference	ISO 639-2 Language Code
Definition	A code representing a language that may be spoken or written by a stakeholder.
Information Exchange Format Type	C
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	ISO 639-2
Synonymous Name	

Data Element Name	Relationship status
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	Whether the patient is married or not
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Occupation
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	What the patient's job is
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Employer
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	The organization for which the patient is gainfully employed
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Education
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	What their highest level of education is
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Leisure activities
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	What they do for hobbies and leisure
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Journal Notes
Compound Name	Social History
Requirement for the Standard	
Standard Reference	
Definition	General note category that can contain any type of information the physician has recorded in regards to the patient
Information Exchange Format Type	C
Information Exchange Format Length	2000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Family History
Parent Compound Name	Provider
Component Name	Diagnosis Date Diagnosis Description Relationship to patient Age at Onset Age at Death Cause of Death Comments
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	A significant health problem, diagnosis or procedure pertaining to a member of the patient's family that may indicate a risk factor for the patient's health

Data Element Name	Diagnosis Date
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	The Diagnosis Date is the date when the notifiable disease was diagnosed either by clinical diagnosis made by a physician or by laboratory confirmation.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Diagnosis Description
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	A sensible name for the diagnostic code. Example: "HEADACHE "
Information Exchange Format Type	C
Information Exchange Format Length	1600
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Relationship to patient
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	Relationship to patient, as declared by patient
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Age at Onset
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	Age the relation was diagnosed with the condition
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Age at Death
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	Age of the relation at the time of death
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Cause of Death
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	Cause of death of the relation was
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Comments
Compound Name	Family History
Requirement for the Standard	
Standard Reference	
Definition	Any note that should be carried forward by the Medical Summary for Transfer of Patient Data, as determined by the provider.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Alert
Parent Compound Name	Provider
Component Name	Confidential Flag Alert Text Sent Comments to the Alert Advance Directive Flag Date of Alert
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	A record of additional patient information that may indicate the need for early intervention or which may affect the delivery of service to the patient.

Data Element Name	Confidential Flag
Compound Name	Alert
Requirement for the Standard	
Standard Reference	WHIC Provider Registry
Definition	An Indicator that is used to alert Physician that data has been omitted from the MS at the patient's request. "Y" indicates data is missing from the summary that is important to the patient's care.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Y - Yes N - No
Synonymous Name	

Data Element Name	Alert Text Sent
Compound Name	Alert
Requirement for the Standard	
Standard Reference	
Definition	Textual message describing the condition requiring human intervention.
Information Exchange Format Type	C
Information Exchange Format Length	2000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Comments to the Alert
Compound Name	Alert
Requirement for the Standard	
Standard Reference	
Definition	Text field to write further information regarding the alert
Information Exchange Format Type	C
Information Exchange Format Length	2000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Advance Directive Flag
Compound Name	Alert
Requirement for the Standard	
Standard Reference	
Definition	Alert to a known advance directive
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Date of Alert
Compound Name	Alert
Requirement for the Standard	
Standard Reference	
Definition	Date the Alert was activated
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Plan of Care
Parent Compound Name	Provider
Component Name	Care Plan
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Any specific care plan or routine care that is being performed by the physician or agreed upon by the patient

Data Element Name	Care Plan
Compound Name	Plan of Care
Requirement for the Standard	
Standard Reference	
Definition	Planned or scheduled tests, procedures or regimens of care.
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Condition/Diagnosis/Problem
Parent Compound Name	Provider
Component Name	Diagnosis Date Diagnosis Description Diagnosis Code Onset Date Signs/Symptoms Present Date Resolved Problem Status Outcome Code Note Text
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Undiagnosed or diagnosed health problems, symptoms or chronic health conditions experience by the patient. These conditions may be ongoing, or may be part of the patient's history.

Data Element Name	Diagnosis Date
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	
Definition	The Diagnosis Date is the date when the notifiable disease was diagnosed either by clinical diagnosis made by a physician or by laboratory confirmation.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Diagnosis Description
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	ICD-9
Definition	A sensible name for the diagnostic code. Example: "HEADACHE "
Information Exchange Format Type	C
Information Exchange Format Length	1600
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Diagnosis Code
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	ICD-9
Definition	This is a symbol (string) that identifies a health condition. Example: 784.0 would refer to the real world concept "headache" as defined by ICD-9.
Information Exchange Format Type	C
Information Exchange Format Length	16
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Onset Date
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	
Definition	The Onset Date is the date the disease or symptoms first appeared.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Signs/Symptoms Present
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	ICD-9
Definition	Signs and symptoms reported to and/or observed by service provider.
Information Exchange Format Type	C
Information Exchange Format Length	7
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	All values entered will be validated against the ICD-9 values. More Additional valid code values other than in the following list may be allowed, however codes for the following signs/symptoms MUST be allowed. R10.4 - Other and unspecified Abdominal pain M54.9 - Back pain Dorsalgia, unspecified K92.1 - Melaena bloody stools R06.8 - Other and unspecified breathing difficulty abnormalities of breathing I46.9 - Cardiac-respiratory arrest, unspecified R07.4 - Chest pain, unspecified T17.9 - ChokingbForeign body in respiratory tract, part unspecified A09K.52.9 - Diarrhoea and gastroenteritis of presumed infectious origin R42 - Dizziness and giddiness H92.0 - Ear pain Otalgia H57.1 - Ocular Eye pain R50.9 - Fever, unspecifiedr/Hyperthermia R51 - Headache I10.0 - Essential (primary) Hypertension T68 - Hypothermia R11.8 - Other and unspecified Nausea and vomiting G83.9 - Paralytic syndrome, unspecified R00.2 - Palpitations O99.875.9 - Pregnancy/childbirth/miscarriage Complication of labour and delivery, unspecified R56.8 - Other and unspecified Seizures/convulsions R55 - Syncope and collapse R40.29 - Unresponsive/unconscious Coma, unspecified N93.9 - Abnormal uterine and Vaginal bleeding, unspecified R11 - Vomiting R53 - Weakness (Malaise) and fatigue
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Date Resolved
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	
Definition	Date Condition/Problem resolved
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Problem Status
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	
Definition	This field will determine whether or not the problem is active or inactive and allow for sorting these into two categories when imported.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	A - Active I - Inactive
Synonymous Name	

Data Element Name	Outcome Code
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	
Definition	The Outcome Code identifies the outcome of the effect the diagnosed disease has on the notifiable disease patient.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Outcome Code Table
Synonymous Name	

Data Element Name	Note Text
Compound Name	Condition/Diagnosis/Problem
Requirement for the Standard	
Standard Reference	
Definition	The text of the note.
Information Exchange Format Type	C
Information Exchange Format Length	1000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Procedure
Parent Compound Name	Provider
Component Name	Procedure Name Procedure Start Date/Time Follow Up Due Date Service Code Results
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	A record of any prior medical or surgical procedures or diagnostic imaging undertaken to diagnose a health problem, treat or correct a health problem, to support treatment or to assess the impact of treatment.

Data Element Name	Procedure Name
Compound Name	Procedure
Requirement for the Standard	
Standard Reference	
Definition	Identification of procedure attempted or performed on patient.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	CCI
Synonymous Name	

Data Element Name	Procedure Start Date/Time
Compound Name	Procedure
Requirement for the Standard	
Standard Reference	
Definition	The date and time that the medical/surgical procedure was started
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	YYYYMMDD HHMMSS
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Follow Up Due Date
Compound Name	Procedure
Requirement for the Standard	
Standard Reference	
Definition	Identifies the date by which follow up diagnostic services are expected to have been provided.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Service Code
Compound Name	Procedure
Requirement for the Standard	
Standard Reference	CCI
Definition	This is a symbol (string) that identifies a service. Example: 02.04 would refer to the real world concept "Bone Graft to Skull" as defined by CCI
Information Exchange Format Type	C
Information Exchange Format Length	16
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Results
Compound Name	Procedure
Requirement for the Standard	
Standard Reference	
Definition	Results of any procedures performed
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Device
Parent Compound Name	Provider
Component Name	Date of device Type of Device
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Any surgically implanted device or physical attachment the patient may have, for example pacemaker or limb prosthesis

Data Element Name	Date of device
Compound Name	Device
Requirement for the Standard	
Standard Reference	
Definition	Date of implantation/surgery amputation
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Type of Device
Compound Name	Device
Requirement for the Standard	
Standard Reference	
Definition	A mechanical device used to replace or augment natural body functions. I.e.: Prosthesis, pacemaker, CVL, etc.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Allergy
Parent Compound Name	Provider
Component Name	Reported Date Allergy/Intolerance Agent Code Allergy/Intolerance Category Code Allergen/Agent ID Scheme Code Allergy/Intolerance Reaction Code Allergy/Intolerance Severity Code Comment
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Patient allergy information

Data Element Name	Reported Date
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	
Definition	The calendar date on which the person's allergy/intolerance was reported to a health service provider.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Allergy/Intolerance Agent Code
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	Code describing the categories of allergy/intolerance causing agents that need to be tracked.(drug or non-drug)
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Allergy/Intolerance Agent Code Table
Synonymous Name	

Data Element Name	Allergy/Intolerance Category Code
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	Code used to categorize a person's reaction to allergy/intolerance agents.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	The codes include Eight-Digit Drug Identification Number, First Data, Bank Generic Formulation IDFDB, Allergy Group Code, FDB Non-DINable Ingredient Code (Hierarchical Ingredient Code), European Article Number, General Product Number, Province Identification Number, Pharmaceutical Interface Product, National Drug Code, Uniform Code Council, Universal Product Code, Unlisted Compound Code.
Implementation Consideration	
Permissible Data Element Value	Allergy/Intolerance Category Code Table
Synonymous Name	

Data Element Name	Allergen/Agent ID Scheme Code
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	Identification schedule used to identify the allergen or agent.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Allergen/Agent ID
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	Identifier of the allergen/agent. This is conditional on the ID Scheme Code
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	C
Business Rule/Coding Guideline	Must be specified if Allergen/Agent ID Scheme Code is specified.
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Allergy/Intolerance Reaction Code
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A code denoting the type of allergy/intolerance reaction that may be experience by a patient.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Allergy/Intolerance Reaction Code Table
Synonymous Name	

Data Element Name	Allergy/Intolerance Severity Code
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A code that describes the levels of severity for allergies/intolerances
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	This comment field is usually used to record textual information describing a non-standard reaction.
Permissible Data Element Value	Allergy/Intolerance Severity Code Table
Synonymous Name	

Data Element Name	Comment
Compound Name	Allergy
Requirement for the Standard	
Standard Reference	
Definition	A free form text describing or supplementing the details of a person's allergy/intolerance.
Information Exchange Format Type	C
Information Exchange Format Length	2000
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Medication
Parent Compound Name	Provider
Component Name	Prescription Date Prescription End Date Prescription Quantity Brand Name Strength Description Dosage Range Max Quantity Dosage Range Min Quantity Dosage Range Quantity Unit Code Dosage Form Code Route of Administration Code Dosage Frequency Code Dosage Duration Code Dosage Duration Number Refills Authorized Dispense Item Expiry Date Dispense Quantity Indication Code Indication Name Continuous Use Code PRN Indicator
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Only medications currently being prescribed to the patient will be included. It was agreed that all other medication information can be accessed through PIN.

Data Element Name	Prescription Date
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	The calendar date on which the prescription was created.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Prescription End Date
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	The date the prescription is to end.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Prescription Quantity
Parent Compound Name	Medication
Component Name	Prescription Quantity Number Prescription Quantity Units of Measure
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Prescription Quantity Number
Compound Name	Prescription Quantity
Requirement for the Standard	
Standard Reference	
Definition	This is the quantity of medication/product prescribed in units, volume or weight.
Information Exchange Format Type	N
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Prescription Quantity Units of Measure
Compound Name	Prescription Quantity
Requirement for the Standard	
Standard Reference	
Definition	Denotes the unit of measure for the quantity prescribed.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Units of Measure Type Table
Synonymous Name	

Data Element Name	Brand Name
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	The name under which the drug is sold or advertised.
Information Exchange Format Type	C
Information Exchange Format Length	200
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Strength Description
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	An alphanumeric description of drug potency in units of grams, milligrams, percentages, etc.
Information Exchange Format Type	C
Information Exchange Format Length	50
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Dosage Range Max Quantity
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	The maximum quantity of the medication that may be administered to the patient at a time.
Information Exchange Format Type	N
Information Exchange Format Length	9.6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	Examples: Min Quantity is 1.5 - for specification: 1.5 to 2.5 tsp tid Min Quantity is 250 - for specification: 250 to 250 mg qid Min Quantity is 2 - for specification: 2 to 3 tab prn Dispensing of creams does not follow this process
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Dosage Range Min Quantity
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	The minimum quantity of the medication that may be administered to the patient at a time.
Information Exchange Format Type	N
Information Exchange Format Length	9.6
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	For Brand/Trade drug products, the dosage form of the manufactured product will determine the appropriate unit of measure. This definition applies to the use of the Quantity Unit Code data element on the following information clusters: - Prescription SI
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Dosage Range Quantity Unit Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	A code denoting the unit of measure for describing the quantity prescribed.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Measurement Type Table
Synonymous Name	

Data Element Name	Dosage Form Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A coded value denoting the form in which a drug product may be manufactured or custom-prepared.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	This definition applies to the use of the Route of Administration Code data element on the following information compounds: Manufactured Drug Product, Prescription, Dispensed Item.
Implementation Consideration	
Permissible Data Element Value	Dosage Form Code Table
Synonymous Name	

Data Element Name	Route of Administration Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A coded value denoting the primary method by which a medication is to be administered to the patient. I.e. PO, IM, IV
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Dosage Frequency Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A code describing the interval between dosages and use of a particular item, and the repeating frequency with which the dosage is to be administered or the use repeated. I.e.: QID, OD
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Dosage Frequency Code Table
Synonymous Name	

Data Element Name	Dosage Duration Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A code denoting the unit of measure for describing the "Dosage Duration Number".
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Duration Time Code Table
Synonymous Name	

Data Element Name	Dosage Duration Number
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	A figure denoting how long the medication is to be administered based on a specific dosage specification.
Information Exchange Format Type	N
Information Exchange Format Length	5.4
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	Example: 1 tab to 1 tab tid for 4 days -> Dosage Duration Number = 4 2 tab to 3 tab bid for 6 days -> Dosage Duration Number = 6 Standard: Pharmaceutical Information Network – Working Group
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Refills Authorized
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	This is the number of refills allowed on the pharmacy order. This indicates how often the 'prescribed quantity' may be dispensed after the initial supply has been given.
Information Exchange Format Type	N
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Dispense Item Expiry Date
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	The date on which the dispensed item becomes no longer valid to be administered to the patient.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Dispense Quantity
Compound Name	Medication
Requirement for the Standard	
Standard Reference	
Definition	The quantity of the prescribed item that has been dispensed in eaches, volume, or weight. Decimals may be used, as necessary, to record fractional quantities.
Information Exchange Format Type	N
Information Exchange Format Length	6.3
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Indication Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A code describing condition that can be ameliorated or alleviated by drug therapy; a reason a drug is prescribed.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Indication Code Table
Synonymous Name	

Data Element Name	Indication Name
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	Descriptive text for an Indication Code.
Information Exchange Format Type	C
Information Exchange Format Length	200
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Continuous Use Code
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A code describing the long/short term nature of a specific drug prescribed to a patient.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	C - Continuous Use: Long term drug use for chronic and lifelong medication use S - Short Term Use: Short term use for episodic conditions.
Synonymous Name	

Data Element Name	PRN Indicator
Compound Name	Medication
Requirement for the Standard	
Standard Reference	HISCA: PIN version 1.0
Definition	A Yes or No indicator signifying the presence or absence of PRN as a modifier to the specified Frequency Code.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Y - Yes, PRN frequency modifier has been specified. N - No, PRN frequency modifier has not been specified.
Synonymous Name	

Compound Name	Medical Laboratory
Parent Compound Name	Provider
Component Name	Sending Facility ID Accession Number Specimen Date Specimen Source Collection Location Identifier Lab Test Type Lab Test Description Test Result Date Test Results Test Result Units Test Result Status Test Result Value Normal Range Relevant Clinical Info Abnormal Flags Result Alert
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Only labs that have results and order dates recorded within the previous month will be exported.

Data Element Name	Sending Facility ID
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Sending Facility: this specifies the source of the particular lab result. This is a critical piece of information that has clinical significance in the manner it affects the interpretation and display rules and format for a given lab result based on the source lab. All VCUR compliant vendors currently support this field in order to provide HL7 2.x electronic lab interfaces as per VCUR 2004. Different health regions and private lab facilities have subtle differences in their display rules and interpretation of their particular HL7 specification and data population that make it critical to know the source of a lab for correct display.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Accession Number
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Number assigned to the specimen from the processing laboratory. Numerical number that is associated with the unique specimen generated from the processing lab.
Information Exchange Format Type	C
Information Exchange Format Length	30
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Specimen Date
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	The Specimen Date identifies the date the specimen was taken or, if not available, the date the specimen was received by the lab.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Specimen Source
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Body site where specimen was be obtained.
Information Exchange Format Type	C
Information Exchange Format Length	12
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Specimen Source Table
Synonymous Name	

Data Element Name	Collection Location Identifier
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	A label used to uniquely identify the location where the specimen was collected
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	Facility identifiers assigned by Alberta Health and Wellness
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Lab Test Type
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	The Lab Test Type identifies the lab test or diagnostic imaging that was performed on the specimen.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	AD - Antigen Detection MB - Microbiology Hem - Heamtology Chem - Chemistry
Synonymous Name	

Data Element Name	Lab Test Description
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	A sensible name for the test code. Example: " SODIUM"
Information Exchange Format Type	C
Information Exchange Format Length	1600
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Test Result Date
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Date the test result was recorded.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Test Results
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	The Test Results identifies the result of the lab test that was performed.
Information Exchange Format Type	C
Information Exchange Format Length	40
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Test Result Units
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Test result measurement units
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Measurement Type Table
Synonymous Name	

Data Element Name	Test Result Status
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	The observation result status.
Information Exchange Format Type	C
Information Exchange Format Length	1
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Medical Laboratory Test Result Status Table
Synonymous Name	

Data Element Name	Test Result Value Normal Range
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Normal Range of the Value associated with the result of the test.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Relevant Clinical Info
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Additional clinical information about the patient or specimen. This field is used to report the suspected diagnosis and clinical findings on requests for interpreted diagnostic studies. Examples include reporting the amount of inspired carbon dioxide for blood gasses, the point in the menstrual cycle for cervical pap tests, and other conditions that influence test interpretations.
Information Exchange Format Type	C
Information Exchange Format Length	200
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Abnormal Flags
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	The normalcy status of the result.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Abnormal Type Table
Synonymous Name	

Data Element Name	Result Alert
Compound Name	Medical Laboratory
Requirement for the Standard	
Standard Reference	HISCA: LTRD version 1.0
Definition	Textual description of the lab test result alert.
Information Exchange Format Type	C
Information Exchange Format Length	1600
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Immunization
Parent Compound Name	Provider
Component Name	Vaccine Status Immunization Series
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Patient immunization information and status

Data Element Name	Vaccine Status
Compound Name	Immunization
Requirement for the Standard	
Standard Reference	
Definition	The Vaccine Status is whether or not immunizations are up to date with the patient
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Yes - current No - not up-to-date
Synonymous Name	

Compound Name	Immunization Series
Parent Compound Name	Immunization
Component Name	Immunization Date Vaccine Code
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	The status field is not directly related to any single vaccine but rather to the patient as a whole and therefore has a different cardinality and grouping.

Data Element Name	Immunization Date
Compound Name	Immunization Series
Requirement for the Standard	
Standard Reference	
Definition	The Immunization Date is the date the immunization event occurred.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Vaccine Code
Compound Name	Immunization Series
Requirement for the Standard	
Standard Reference	HISCA Immunization Data Set version 1.0
Definition	The Vaccine Code identifies the vaccine administered to the immunization service recipient.
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Immunization Vaccine Code Table
Synonymous Name	

Compound Name	Quantitative Observation
Parent Compound Name	Provider
Component Name	Blood Pressure Height Weight Waist Mini mental
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Discreet data points regarding the patient

Compound Name	Blood Pressure
Parent Compound Name	Quantitative Observation
Component Name	Blood Pressure Date Systolic Blood Pressure Diastolic Blood Pressure
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Blood Pressure Date
Compound Name	Blood Pressure
Requirement for the Standard	
Standard Reference	
Definition	Date of last recorded Blood Pressure
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Systolic Blood Pressure
Compound Name	Blood Pressure
Requirement for the Standard	
Standard Reference	
Definition	The pressure exerted on the walls of the arteries during the contraction phase of the heart. A number indicating the patient's systolic blood pressure measured in millimeters of Hg.
Information Exchange Format Type	N
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Diastolic Blood Pressure
Compound Name	Blood Pressure
Requirement for the Standard	
Standard Reference	
Definition	The pressure exerted on the walls of the arteries when the heart is the relaxation phase (diastole). A number indicating the patient's diastolic blood pressure measured in millimeters of Hg.
Information Exchange Format Type	N
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Height
Parent Compound Name	Quantitative Observation
Component Name	Height Date Height Units of Measure
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Height Date
Compound Name	Height
Requirement for the Standard	
Standard Reference	
Definition	Date of last recorded height
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Height Number
Compound Name	Height
Requirement for the Standard	
Standard Reference	
Definition	Height of patient, expressed as a number
Information Exchange Format Type	N
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Height Units of Measure
Compound Name	Height
Requirement for the Standard	
Standard Reference	
Definition	
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Measurement Type Table
Synonymous Name	

Compound Name	Weight
Parent Compound Name	Quantitative Observation
Component Name	Weight Date Weight Units of Measure
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Weight date
Compound Name	Weight
Requirement for the Standard	
Standard Reference	
Definition	Date of last recorded weight
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Weight Number
Compound Name	Weight
Requirement for the Standard	
Standard Reference	
Definition	Weight of patient, expressed as a number
Information Exchange Format Type	N
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Weight Units of Measure
Compound Name	Weight
Requirement for the Standard	
Standard Reference	
Definition	
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Measurement Type Table
Synonymous Name	

Compound Name	Waist
Parent Compound Name	Quantitative Observation
Component Name	Waist circumference date Waist Units of Measure
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Waist circumference date
Compound Name	Waist
Requirement for the Standard	
Standard Reference	
Definition	Date of last recorded waist circumference
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Waist circumference
Compound Name	Waist
Requirement for the Standard	
Standard Reference	
Definition	Waist circumference, expressed as a number
Information Exchange Format Type	N
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Waist Units of Measure
Compound Name	Waist
Requirement for the Standard	
Standard Reference	
Definition	
Information Exchange Format Type	C
Information Exchange Format Length	4
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Unit Measurement Type Table
Synonymous Name	

Compound Name	Mini mental
Parent Compound Name	Quantitative Observation
Component Name	Mini mental Status date Mini mental Status Score
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Mini mental Status date
Compound Name	Mini mental
Requirement for the Standard	
Standard Reference	
Definition	Cognitive assessment value date
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Mini mental Status Score
Compound Name	Mini mental
Requirement for the Standard	
Standard Reference	
Definition	Cognitive assessment value
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Developmental History
Parent Compound Name	Patient Record
Component Name	Gestational Age Birth Weight Head Circumference Percentile Weight Percentile Height Percentile Tanner Score Infant Apgar
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Information that is specific to pediatric requirements

Data Element Name	Gestational Age
Compound Name	Developmental History
Requirement for the Standard	
Standard Reference	
Definition	The estimated gestational age of the baby in completed weeks as determined by clinical assessment.
Information Exchange Format Type	C
Information Exchange Format Length	3
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Birth Weight
Parent Compound Name	Developmental History
Component Name	Birth Weight Number Birth Weight Units of Measure
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Weight of the infant at birth

Data Element Name	Birth Weight Number
Compound Name	Birth Weight
Requirement for the Standard	
Standard Reference	
Definition	Weight of the infant at birth
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Birth Weight Units of Measure
Compound Name	Birth Weight
Requirement for the Standard	
Standard Reference	
Definition	Weight of the infant at birth
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Head Circumference Percentile
Parent Compound Name	Developmental History
Component Name	Head Circumference Percentile Date Head Circumference Percentile Number
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Head Circumference Percentile Date
Compound Name	Head Circumference Percentile
Requirement for the Standard	
Standard Reference	
Definition	Date of the recorded head circumference
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Head Circumference Percentile Number
Compound Name	Head Circumference Percentile
Requirement for the Standard	
Standard Reference	
Definition	Number representing the percentile of the last head circumference
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Weight Percentile
Parent Compound Name	Developmental History
Component Name	Weight Percentile Date Weight Percentile Number
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Weight Percentile Date
Compound Name	Weight Percentile
Requirement for the Standard	
Standard Reference	
Definition	Date of the recorded weight
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Weight Percentile Number
Compound Name	Weight Percentile
Requirement for the Standard	
Standard Reference	
Definition	Number representing the percentile of the last weight
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Height Percentile
Parent Compound Name	Developmental History
Component Name	Height Percentile Date Height Percentile Number
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Height Percentile Date
Compound Name	Height Percentile
Requirement for the Standard	
Standard Reference	
Definition	Date of the recorded height circumference
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Height Percentile Number
Compound Name	Height Percentile
Requirement for the Standard	
Standard Reference	
Definition	Number representing the percentile of the last height circumference
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Tanner Score
Parent Compound Name	Developmental History
Component Name	Tanner Score Date Tanner Score Number
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Tanner Score Date
Compound Name	Tanner Score
Requirement for the Standard	
Standard Reference	
Definition	Date of the recorded Tanner score
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Tanner Score Number
Compound Name	Tanner Score
Requirement for the Standard	
Standard Reference	
Definition	Number representing the last recorded Tanner score
Information Exchange Format Type	C
Information Exchange Format Length	5
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Infant Apgar
Parent Compound Name	Developmental History
Component Name	Infant Apgar Score Time Infant Apgar Score
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Infant Apgar Score Time
Compound Name	Infant Apgar
Requirement for the Standard	
Standard Reference	
Definition	Time of Apgar scores at birth
Information Exchange Format Type	C
Information Exchange Format Length	15
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Infant Apgar Score
Compound Name	Infant Apgar
Requirement for the Standard	
Standard Reference	
Definition	Apgar scores at birth
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Reproductive History
Parent Compound Name	Provider
Component Name	Due Date Due Date confirmed, estimated, unknown Fundas Mother Summary Father
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Information that is specific to maternity patient requirements.

Data Element Name	Due Date
Compound Name	Reproductive History
Requirement for the Standard	
Standard Reference	
Definition	Date due with current pregnancy
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Due Date confirmed, estimated, unknown
Compound Name	Reproductive History
Requirement for the Standard	
Standard Reference	
Definition	Confidence level of due date
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	Confirmed Estimated Unknown
Synonymous Name	

Compound Name	Fundas
Parent Compound Name	Reproductive History
Component Name	Date of Fundus Height Growth Curve Fundus Height Growth Curve Percentile
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Date of Fundus Height Growth Curve
Compound Name	Fundas
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Date of the actual percentile of the Symphsis Fundus Height
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Fundus Height Growth Curve Percentile
Compound Name	Fundas
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	The actual percentile of the Symphsis Fundus Height
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Mother Summary
Parent Compound Name	Reproductive History
Component Name	Mother Gravida Term Birth Number Preterm Birth Number Spontaneous Abortions Number Induced Termination Number Perinatal Deaths Number Number of Children living
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Mother Gravida
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of pregnancies for this mother, including this pregnancy.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Term Birth Number
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of babies born to this mother at >= 37 weeks gestation
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Preterm Birth Number
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of babies born to this mother between 20 <= 37 weeks gestation.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Spontaneous Abortions Number
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of spontaneous pregnancy losses.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Induced Termination Number
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of induced terminations before 20 weeks gestation and less than 500 Grams.
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Perinatal Deaths Number
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of stillbirths and neonatal deaths up to 28 days of life
Information Exchange Format Type	C
Information Exchange Format Length	10
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Number of Children living
Compound Name	Mother Summary
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Total number of children born to this mother.
Information Exchange Format Type	C
Information Exchange Format Length	2
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Father
Parent Compound Name	Reproductive History
Component Name	Fathers Name Fathers DOB Fathers Occupation
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	

Data Element Name	Fathers Name
Compound Name	Father
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Name of the father of the child.
Information Exchange Format Type	C
Information Exchange Format Length	100
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Fathers DOB
Compound Name	Father
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Date of birth of the father.
Information Exchange Format Type	C
Information Exchange Format Length	8
Information Exchange Format Mask	YYYYMMDD
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Fathers Occupation
Compound Name	Father
Requirement for the Standard	
Standard Reference	Alberta Prenatal Record Guidelines
Definition	Fathers Job.
Information Exchange Format Type	C
Information Exchange Format Length	100
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Compound Name	Attachment
Parent Compound Name	Provider
Component Name	Attachment Type Document Attachment Date Attachment Label
Submission	POSP - Medical Summary for Transfer of Patient Data
Requirement for the Standard	
Submitting Organization	POSP
Standard Reference	
Definition	Any documents that have been scanned into the Medical Summary that are necessary to provide patient information, for example growth charts, pain scales etc.

Data Element Name	Attachment Type
Compound Name	Attachment
Requirement for the Standard	
Standard Reference	
Definition	The type of document attached: Discharge summary, assessment scale, Psychology report, growth chart etc.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Attachment
Compound Name	Attachment
Requirement for the Standard	
Standard Reference	
Definition	The document which is the attachment.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Document Attachment Date
Compound Name	Attachment
Requirement for the Standard	
Standard Reference	
Definition	The date when the attachment was attached to the chart. Some patient records have a large number of attachments added over a period of several years. Without a date, the physician has no means of determining the current relevance of a given attachment without opening and reviewing each and every attachment in the chart which is impractical. The clinical significance of recent attachments dramatically differs from attachments that are several years old.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	R
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Data Element Name	Attachment Label
Compound Name	Attachment
Requirement for the Standard	
Standard Reference	
Definition	A label identifying the attachment in a meaningful way. The label assists in identifying the attachment without opening and manually reviewing the detailed contents of each one.
Information Exchange Format Type	
Information Exchange Format Length	
Information Exchange Format Mask	
Obligation	RE
Business Rule/Coding Guideline	
Implementation Consideration	
Permissible Data Element Value	
Synonymous Name	

Appendix A - Code Value Tables

Abnormal Type Table

Code	Name	Comments
L	Below low normal	
H	Above high normal	
<Blank>	Undetermined	
S	Sensitive (microbiology sensitivities only)	
R	Resistant (microbiology sensitivities only)	
I	Intermediate (microbiology sensitivities only)	
MS	Moderately sensitive (microbiology sensitivities only)	
VS	Very sensitive (microbiology sensitivities only)	
LL	Below low panic limits	
HH	Above upper panic limits	
>	Above absolute high-off instrument scale	
N	Normal	(applies to to non-numeric results)
A	Abnormal	(applies to non-numeric results)
AA	Very abnormal	(applies to non-numeric units, analogous to panic limits for numeric units)
U	Significant change up	
D	Significant change down	
B	Better-use when direction not relevant	
W	Worse-use when direction not relevant	
I	Intermediate.	Indicates for microbiology susceptibles only.
#	Significant change from the last result	Local Code used by Chinook
C	Critical	Local Code used by Calgary
*	Abnormal (applies to non-numeric results)	Local Code used by Calgary. Note this is distinct from the standard HL7 code 'A'.
R	Review	Local code used by Calgary

Address Usage Type Table

Code	Description
BUSN	Business address of a stakeholder person or organization.
PERS	An address of a stakeholder where mailers are received only by the individual.
RESD	Residential address of a stakeholder person.

Allergy/Intolerance Agent Code Table

Code	Description
DR	Drug
NDR	Non-Drug

Allergy/Intolerance Category Code Table

Code	Description
AL	Allergy
IN	Intolerance

Allergy/Intolerance Reaction Code Table

Allergy

Code	Description
1	Rash - hives
2	Rash - maculopapular
3	Rash – local contact
4	Rash – other
5	Anaphylaxis
6	Angiodema
7	Malignant Hyperthermia
8	Serum sickness
9	Stevens Johnson
99	Other

Intolerance

Code	Description
1	nausea/vomiting
2	dyspepsia
3	gas/diarrhea/abdominal pains
4	headaches
5	insomnia/fatigue
6	irritable/depressed
7	fluid retention
8	respiratory symptoms
9	cardiovascular symptoms
99	Other

Allergy/Intolerance Severity Code Table

Code	Description
MI	Mild
MO	Moderate
SV	Severe
UN	Unknown

Assigning Authority Table

Code	Description	Usage
ABC	Alberta Blue Cross	TPIP – Third party insurance
ABH	Alberta Health and Wellness	ULI and PHN
ABWCB	Alberta Workers Compensation Board	PID (i.e. 7 digit claim #)
BCH	British Columbia Health	PHN
FEDS	Federal Government	RCMP, CF, VAC, TRTY
MBH	Manitoba Health	PHN
NBH	New Brunswick Health	PHN
NFH	Newfoundland & Labrador Health	PHN
NSH	Nova Scotia Health	PHN
NTH	Northwest Territories Health	PHN
NUH	Nunavut Health	PHN
ONH	Ontario Health	PHN
PEH	Prince Edward Island Health	PHN
QCH	Quebec Health	PHN
SKH	Saskatchewan Health	PHN
YTH	Yukon Territory Health	PHN
ACB	Alberta Cancer Board	MRN – Medical record Numbers
CRHA	Chinook Regional Health Authority	MRN – Medical record Numbers
PHR	Palliser Heath Region	MRN – Medical record Numbers
CHR	Calgary Health Region	MRN – Medical record Numbers
DTRH	David Thompson Reagional Health Authority	MRN – Medical record Numbers
ECH	East Central Health	MRN – Medical record Numbers
CH	Capital Health	MRN – Medical record Numbers
ARHA	Aspen Regional Health Authority	MRN – Medical record Numbers
PCH	Peace Country Health	MRN – Medical record Numbers
NLHR	Northern Lights Health Authority	MRN – Medical record Numbers

Contact Type Table

Code	Description
EC	Emergency Contact
NK	Next of Kin

Country Code Table

ISO 3166-1 and 3166-3

Designation Type Table

Short Designation	Long Designation	Common Display
BA	Bachelor of Art	BA
Bcomm	Bachelor of Commerce	B.Comm.
Bed	Bachelor of Education	B.Ed.
BSc	Bachelor of Science	B.Sc.
BScN	Bachelor of Science in Nursing	BScN
CA	Chartered Accountant	CA
CCA	Chartered Certified Accountant	CCA
CGA	Certified General Accountant	CGA
CMA	Certified Management Accountant	CMA
ISP	Information Systems Professional	ISP
MBA	Master of Business Administration	MBA
MD	Medical Doctor	MD
MSc	Master of Science	M.Sc.
Peng	Professional Engineer	P.Eng.
PhD	Doctor of Philosophy	PhD
RN	Registered Nurse	RN

Domain Table

Code	Description	Usage
ABPHN	Alberta Personal Health Number	
BCPHN	British Columbia Personal Health Number	
MBPHN	Manitoba Health Registration Number	
NBPHN	New Brunswick Medicare Number	
NFPHN	Newfoundland & Labrador Medical Services Number	
NSPHN	Nova Scotia Medical Services Number	
NTPHN	Northwest Territories Health Care Number	
NUPHN	Nunavut Health Care Number	
ONPHN	Ontario Health Care Number	
PEPHN	Prince Edward Island Health Care Number	
QCPHN	Quebec Health Care Number	
SKPHN	Saskatchewan Health Services Number	
YTPHN	Yukon Territory Health Care Number	
ABC	Alberta Blue Cross Number	
ABWCB	Alberta Workers Compensation Board Claim Number	
AHULI	Alberta Health Unique Lifetime Identifier	
CACF	Canadian Armed Forces Identification Number	
CAFP	Canadian Federal Penitentiary Identification Number	
RCMP	Canadian RCMP Regiment Number	
TRTY	Treaty Registration Number	
VAC	Veterans Affairs Canada Identification Number	
MSHSF	Sending Facility	To uniquely identify MRN

Dosage Form Code Table

Code	Description
AER	Aerosol
AER-MD	Aerosol (Metered-Dose)
AER-WOP	Aerosol (without propellants)
AER-WP	Aerosol (with propellants)
AMP	Ampoule
BAR	Bar
CAK	Cake
CAP	Capsule
CAP-CD	Capsule (Controlled-Delivery)
CAP-EC	Capsule (Enteric-Coated)
CPL	Caplet
CPL-SR	Caplet (Sustained-Release)
CRM	Cream
DEV	Device
DIAPH	Diaphram
DISC	Disc
DISC-SR	Disc (Sustained Release)
DISKH	Diskhaler
DOUC	Douche
DRESS	Dressing
ELX	Elixir
EMU	Emulsion
ENM	Enema
GAS	Gas
GEL	Gel
GRG	Gargle
GRU	Granule
GTT	Drops
GUM	Gum
IMP	Implant
INS	Insert
IRR	Irrigation
JEL	Jelly
KIT	Kit
LOT	Lotion
LOZ	Lozenges
LQD	Liquid
MISC	Miscellaneous
OVU	Ovules
PAD	Pad
PAT	Patch
PDR	Powder
PEL	Pellet
PEL-DN	Pellet (Dental)
PLST	Plaster

Code	Description
PST	Paste
SHM	Shampoo
SOL	Solution
SOL-LA	Solution (Long-Action)
SOL-NB	Solution (Nebulizer)
SOL-SI	Solution (Sterile)
SPG	Sponge
SPR	Spray
SPR-FM	Spray (Foam)
SPR-SU	Spray (sublingual)
SPR-TP	Spray (Topical)
STK	Stick
SUPP	Suppository
SUPP-SR	Suppository (Sustained-Release)
SUSP	Suspension
SUSP-LN	Suspension (Lente)
SUSP-SR	Suspension (Sustained-Release)
SUSP-UL	Suspension (Ultra-Lente)
SYR	Syrup
SYR-SR	Syrup (Sustained-Release)
TAB	Tablet
TAB-DA	Tablet (Delayed-Action)
TAB-DL	Tablet (Delayed-Release)
TAB-EC	Tablet (Enteric-Coated)
TAB-EF	Tablet (Effervescent)
TAB-SL	Tablet (Slow-Release)
TAB-SR	Tablet (Sustained-Release)
TAB-SU	Tablet (Sublingual)
TMP	Tampon
TNC	Tincture
UNG	Ointment
WAF	Wafer

Dosage Frequency Code Table

Code	Description
BID	Two times daily
ONCE	One time only
Q1-2H	Every 1 to 2 hours
Q12H	Every 12 hours
Q1H	Every hour
Q2-3H	Every 2 to 3 hours
Q2D	Every other day
Q2H	Every 2 hours
Q3-4H	Every 3 to 4 hours
Q3H	Every 3 hours
Q4-6H	Every 4 to 6 hours
Q4H	Every 4 hours
Q6-8H	Every 6 to 8 hours
Q6H	Every 6 hours
Q8-12H	Every 8 to 12 hours
Q8H	Every 8 hours
QAM	Every morning
QD	Once daily
QHS	Every day at bedtime
QID	Four times daily
QNOON	Every day at noon
QPM	Every evening
STAT	Now
TID	Three times daily
<x>ID	x times a day (x is an integer >4)
Q<x>-<y>H	Every <x> to <y> Hours
Q<x>D	Every <x> Days
Q<x>H	Every <x> Hours
Q<x>L	Every <x> Months
Q<x>M	Every <x> Minutes
Q<x>S	Every <s> Seconds
Q<x>W	Every <x> Weeks
QAM @ nnn	Every morning @ nnnn hours
QPM @ nnn	Every evening @ nnnn hours

Duration Time Code Table

Code	Description
CY	Cyclical
D	Days
H	Hours
M	Minutes
MS	Milliseconds
MTH28	Month – 28-day month
MTH30	Month – 30-day month
S	Seconds
WK	Weeks
YR365	Years – 365-day year

Gender Type Table

Code	Description
F	Female
M	Male
U	Unknown

Identifier Type Table

Code	Description
CF	Canadian Armed Forces Number
FP	Federal Penitentiary
MRN	Medical Record Number
PHN	Provincial Health Number
RCMP	RCMP Regiment Number
TPIP	Third Party Insurance Plan Number
TRTY	Treaty Number
ULI	Unique Lifetime Identifier
VAC	Veterans Affairs Canada Number
WCB	Workers Compensation Board Claim Number

Indication Code Table
    ICD - 9
    ICD - 10 - CA

Immunization Vaccine Code Table

Vaccine Code	Vaccine Name/Description
AP	Acellular Pertussis
BA	Botulism Antitoxin
BCG	Bacillus Calmette Guerin (TB)
CHI	Cholera – Injectable
CHO	Cholera – Oral
D	Diphtheria Toxoid (fluid)
DA	Diphtheria Antitoxin
DD	Diphtheria Toxoid (fluid-diluted)
DPT	Diphtheria/whole cell Pertussis/ Tetanus
DPTP	Diphtheria/whole cell Pertussis/ Tetanus/ IPV (QUAD)
DPTPHib	Diphtheria/whole cell Pertussis/ Tetanus/ IPV/Hib (Penta)
DRT	Diphtheria Reaction Test
DT	Diphtheria/Tetanus toxoids (pediatric)
DTaP	Diphtheria/Tetanus/Acellular Pertussis (Tripacel)
dTap	Diphtheria/Tetanus/Acellular Pertussis (Adacel)
DTaP-IPV	Diphtheria/Tetanus/Acellular Pertussis/IPV (Quadracel)
DTaP-IPV-Hib	Diphtheria/Tetanus/Acellular Pertussis/IPV/Hib (Pentacel)
DT-IPV	Diphtheria/Tetanus/IPV (pediatric)
EZM	E/Z Measles
FLU	Influenza
HABV	Hepatitis A and B
HAV	Hepatitis A
HBIG	Hepatitis B Immune Globulin
HbOC	Haemophilus influenza b (Lederle-Praxis)
HBV	Hepatitis B
HBVD	Hepatitis B for Dialysis
Hib	Haemophilus influenza b (Connaught) (PRPT)
IG	Immune Globulin (human, intramuscular)
IPV	Inactivated Polio (Salk)
JEV	Japanese Encephalitis
KMEA	Killed red measles
MEA	Measles (Red)
MenACs	Meningococcal, polysaccharide, bivalent (A, C) (single dose)
MenconC	Meningococcal, conjugate, monovalent (C)
MeninAC	Meningococcal, polysaccharide, bivalent (A, C) (multidose)
MENING	Meningococcal, polysaccharide, quadrivalent (A, C, Y, W-135) (single dose)
MENOTET	Meningococcal, polysaccharide, quadrivalent (A, C, Y, W-135) (multidose)
MMR	Measles/Mumps/Rubella
MONM	Measles (Red) (multidose)
MR	Measles/Rubella

MU	Mumps
OMP	Haemophilus influenza b (Merck Frosst)
OPV	Oral Polio (Sabin)
P	Whole Cell Pertussis
PNEUMO-P	Pneumococcal (23 – polysaccharide)
POL [4]	Polio
PPD	Purified Protein Derivative 5TU (Mantoux – TB Test)
PNEU-C	Pneumococcal (7 – conjugate)
PRPD	Haemophilus influenza b (Connaught)
RAB	Rabies (HDCV)
RIG	Rabies Immune Globulin
RUB	Rubella
SNAKE	Snakebite antivenin
TBEV	Tick-Borne Encephalitis Virus
Td	Tetanus/Diphtheria toxoids (adult)
TdP	Tetanus/Diphtheria/IPV (adult)
TIG	Tetanus Immune Globulin
TP	Tetanus Polio
TT	Tetanus Toxoid
TYO	Typhoid Ty21a – Oral
TYVI	Typhim VI – Injectable
VZ	Varicella Zoster
VZIG	Varicella Zoster Immune Globulin
YF	Yellow Fever

Language Code Table

ISO 639-2

Medical Laboratory Test Result Status Table

Code	Name	Comments
C	Correction to results	
F	Final results; results stored and verified.	Can only be changed with a corrected result.
I	Pending/Incomplete but Specimen Received.	Local Code used by Palliser
P	Preliminary:	A verified early result is available, final results not yet obtained
X	Deleted/Cancelled Tests.	Local Code used by Palliser
COMP	Completed	Local Code used by Chinook
RES	Resulted	Local Code used by Chinook

Name Type Table

Code	Description	Definition
ALIS	Alias	A personal name which an individual is using or has used.
PREF	Preferred Name	The name a person prefers to use in communicating with other health system stakeholders.
LEGL	Legal Name	The person's name as legally recognized by the province.
PROF	Professional Name	The professional name that is used by a person.
MADN	Maiden Name	The name that an individual was born with, and has given up for a married name.

Outcome Code Table

Code	Description
01	Patient Recovered
02	Patient Recovered With Residual Effects
03	Pending / Patient Convalescing
04	Unknown
05	Not Applicable – Asymptomatic
06	Fatal

Prefix Type Table

Code	Short Description	Description	Common Display
Br	Brother	A lay member of a religious order of men. Other less common abbreviations include: Bro. -- Brother, Fr. Or F. -- Frater or Frere	Br.
Capt	Captain	Army and Canadian Air Force (CF), Junior Officers; Navy, Senior Officers	Capt.
Chief	Chief	A person who is the head of a department or highest official e.g. Chief Engineer	Chief
Cpl	Corporal	Army and Canadian Air Force (CF), Non-Commissioned Members	Cpl.
Cst	Constable	A person who works as a police officer.	Cst.
Dr	Doctor	A person who is licensed to practice medicine including a physician, dentist, or veterinarian; or a person who has earned the highest academic degree awarded by a college or university in a specified discipline; or person awarded an honorary degree by a college or university.	Dr.
Fr	Father	A priest or clergyman in the Roman Catholic or Anglican churches. Used as a title and form of address with or without the clergyman's name.	Fr.
Hon	Honourable	Honourable is used as a title for various government officials e.g. Provincial Premier, MLA's, Government ministers	Hon.
Lt	Lieutenant	Army and Canadian Air Force (CF), Junior Officers	Lt.
Madam	Madam	Madam was formerly used as a courtesy title before a woman's given name but now it is used only before a surname or title indicating rank or office. Madam may also be used as a salutation in a letter. E.g. Madam Ambassador, Dear Madam or Sir	Madam
Maj	Major	Army and Canadian Air Force (CF), Senior Officers	Maj.
Mayor	Mayor	A person who is elected or appointed to act as chief executive or nominal head of a city, town, or borough	Mayor

Code	Short Description	Description	Common Display
Miss	Miss	A title prefixed to the name of a girl or unmarried woman.	Miss
Mlle	Mademoiselle	Mademoiselle is used as a title equivalent to Miss for an unmarried woman of French-speaking nationality	Mlle.
Mme	Madame	Madame is used as a title equivalent to Mrs. for a married woman of French-speaking nationality	Mme.
Mr	Mister	Used as a courtesy title before the surname, full name, or professional title of a man, usually written in its abbreviated form.	Mr.
Mrs	Mrs	Mistress is used as a conventional title of courtesy before a married woman's surname. Mistress is almost always written in its abbreviated form.	Mrs.
Ms	Ms	The title of a woman that can be used regardless of marital status	Ms.
Mssr	Monsieur	Monsieur is used as a title equivalent to Mister and prefixed to the name of a man of French-speaking nationality	M.
Prof	Professor	A teacher or instructor, usually of a college or university.	Prof.
Reeve	Reeve	The elected council president in some Canadian municipalities or a local official charged with enforcement of specific regulations is referred to as a Reeve.	Reeve
Rev	Reverend	A title and form of address for certain clerics in many Christian churches	Rev.
RtHon	The Right Honourable	Members of the Privy Council (Cabinet) and The Chief Justice of Canada. May be written as The Rt. Hon.	RtHon.
Sen	Senator	The title for a member of a senate which is the upper legislative house in Canada or a governing, advisory, or disciplinary body of some colleges and universities	Sen.
Sgt	Sergeant	Army and Canadian Air Force (CF), Non-Commissioned Members	Sgt.
Sr	Sister	A form of address for a nun, a member of a religious order of women.	Sr.

Province Code Table

Code	Description
AB	Alberta
BC	British Columbia
MB	Manitoba
NB	New Brunswick
NL	Newfoundland and Labrador
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
ON	Ontario
PE	Prince Edward Island
QC	Quebec
SK	Saskatchewan
YT	Yukon

Relationship Type Table

Code	Description
ANT	Aunt
BRO	Brother
COM	Common-Law
CSN	Cousin
DAU	Daughter
EMP	Employer
FAT	Father
FIL	Father-in-law
FRE	Friend
FTC	Foster Child
FTP	Foster Parent
GRC	Grandchild
GRP	Grandparent
GUA	Guardian
HUS	Husband
MIL	Mother-in-law
MOT	Mother
NEI	Neighbour
NEP	Nephew
NIE	Niece
OTH	Other
PAR	Parent
REL	Relative
ROM	Roommate
SEL	Self
SIS	Sister
SON	Son
SOW	Social Worker
SPO	Spouse
STD	Step Daughter
STF	Step Father
STM	Step Mother
STS	Step Son
UNC	Uncle
UNK	Unknown
WIF	Wife

Role Type Table

Code	Description	Definition
ADVR	Advisor	a person or group providing advice to a Governor.
EDUC	Educator	a person or group when they are increasing the skills of people.
FMBR	Family Member	a person who is related to other people in a family (by whatever definition).
GOVR	Governor	a person or organization when they are making decisions.
MNGR	Manager	a person or organization when they are allocating resources to get work done.
POSV	POS Vendor	
PROV	Provider	a person or organization when they are providing goods or services in the health system.
RORG	Receiving Organization	
RPHY	Receiving Physician	
RCPT	Recipient	a person or group when they are receiving goods or services from the health system.
RSHR	Researcher	a person or group when they are testing hypotheses to further the state of knowledge about any aspect of the health system.
SPER	Sending Person	
SPHY	Sending Responsible Physician	
VLTR	Volunteer	a person or group when they are providing services without monetary compensation.

Route of Administration Code Table

Code	Description
AP	Apply externally
B	Buccal
DT	Dental
ET	Endotrachial Tube
EP	Epidural
GTT	Gastronomy Tube
GU	GU Irrigant
IMR	Immerse (Soak) Body Part
IH	Inhalation
IJ	Injection (Unspecified Parenteral Routes)
IA	Intra-arterial
IAC	Intra-articular
IB	Intrabursal
IC	Intracardiac
ICA	Intra-cavernosal
ICV	Intracervical (uterus)
ID	Intradermal
IHA	Intrahepatic Artery
IM	Intramuscular
IN	Intranasal
IO	Intraocular
IP	Intraperitoneal
IS	Intrasynovial
IT	Intrathecal
IU	Intrauterine
IV	Intravenous
IQ	Intravesical
IR	Irrigation (Bladder, Wounds, etc)
MTH	Mouth/Throat
MN	Mucous membrane
MPL	Implantation
NS	Nasal
NG	Nasogastric
NP	Nasal Prongs
NT	Nasotrachial Tube
OP	Opthalmic
OT	Otic
OTH	Other/Miscellaneous
PF	Perfusion
PO	Oral (By Mouth)
PR	Rectal
RM	Rebreather Mask
SD	Soaked Dressing
SC	Subcutaneous
SL	Sublingual

Code	Description
TP	Topical
TRA	Tracheostomy
TD	Transdermal
TL	Translingual
UR	Urethral
VG	Vaginal
VM	Ventimask
WND	Wound

Specimen Source Table
HL7 v2.4 - HL7 0070   (Specimen source codes)

Street Direction Type Table

Code	Description
E	East / Est
N	North / Nord
NE	North East / Nord-Est
NO	Nord-Ouest
NW	North West
O	Ouest
S	South / Sud
SE	South East / Sud-Est
SO	Sud-Ouest
SW	South West
W	West

Street Number Suffix Type Table

Code	Value
1	¼
2	½
3	¾
A	A
B	B
C	C
D	D
E	E
F	F
G	G
H	H
I	I
J	J
K	K
L	L
M	M
N	N
O	O
P	P
Q	Q
R	R
S	S
T	T
U	U
V	V
W	W
X	X
Y	Y
Z	Z

Street Type Table

Canada Post Street Type Code	Canada Post Street Type Description
ABBEY	Abbey
ACRES	Acres
ALLÉE	Allée
ALLEY	Alley
AUT	Autoroute
AVE	Avenue (English)
AV	Avenue (French)
BAY	Bay
BEACH	Beach
BEND	Bend
BLVD	Boulevard (English)
BOUL	Boulevard (French)
BYPASS	By-Pass
BYWAY	Byway
CAMPUS	Campus
CAPE	Cape
CAR	Carré
CARREF	Carrefour
CTR	Centre (English)
C	Centre (French)
CERCLE	Cercle
CHASE	Chase
CH	Chemin
CIR	Circle
CIRCT	Circuit
CLOSE	Close
COMMON	Common
CONC	Concession
CRNRS	Corners
CÔTE	Côte
COUR	Cour
COURS	Cours
CRT	Court
COVE	Cove
CRES	Crescent
CROIS	Croissant
CROSS	Crossing
CDS	Cul-de-sac
DALE	Dale
DELL	Dell
DIVERS	Diversion

Canada Post Street Type Code	Canada Post Street Type Description
DOWNS	Downs
DR	Drive
ÉCH	Échangeur
END	End
ESPL	Esplanade
ESTATE	Estates
EXPY	Expressway
EXTEN	Extension
FARM	Farm
FIELD	Field
FOREST	Forest
FWY	Freeway
FRONT	Front
GDNS	Gardens
GATE	Gate
GLADE	Glade
GLEN	Glen
GREEN	Green
GRNDS	Grounds
GROVE	Grove
HARBR	Harbour
HEATH	Heath
HTS	Heights
HGHLDS	Highlands
HWY	Highway
HILL	Hill
HOLLOW	Hollow
ÎLE	Île
IMP	Impasse
INLET	Inlet
ISLAND	Island
KEY	Key
KNOLL	Knoll
LANDNG	Landing
LANE	Lane
LMTS	Limits
LINE	Line
LINK	Link
LKOUT	Lookout
LOOP	Loop
MALL	Mall
MANOR	Manor
MAZE	Maze

Canada Post Street Type Code	Canada Post Street Type Description
MEADOW	Meadow
MEWS	Mews
MONTÉE	Montée
MOOR	Moor
MOUNT	Mount
MTN	Mountain
ORCH	Orchard
PARADE	Parade
PARC	Parc
PK	Park
PKY	Parkway
PASS	Passage
PATH	Path
PTWAY	Pathway
PINES	Pines
PL	Place (English)
PLACE	Place (French)
PLAT	Plateau
PLAZA	Plaza
PT	Point
POINTE	Pointe
PORT	Port
PVT	Private
PROM	Promenade
QUAI	Quai
QUAY	Quay
RAMP	Ramp
RANG	Rang
RG	Range
RIDGE	Ridge
RISE	Rise
ROAD	Road
RDPT	Rond point
RTE	Route
ROW	Row
RUE	Rue
RLE	Ruelle
RUN	Run
SENT	Sentier
SQ	Square
ST	Street
SUBDIV	Subdivision
TERR	Terrace

Canada Post Street Type Code	Canada Post Street Type Description
TSSE	Terrasse
THICK	Thicket
TOWERS	Towers
TLINE	Townline
TRAIL	Trail
TRNABT	Turnabout
VALE	Vale
VIA	Via
VIEW	View
VILLGE	Village
VILLAS	Villas
VISTA	Vista
VOIE	Voie
WALK	Walk
WAY	Way
WHARF	Wharf
WOOD	Wood
WYND	Wynd

Telecom Type Table

Code	Description
BP	Beeper
CP	Cellular Phone
FAX	Fax Line
PH	Telephone
TTY	Teletype for the hearing or speech impaired

Telecom Usage Type Table

Code	Description
BUSN	Business
RESD	Residential
PERS	Personal telecommunication in which the intended party limits access.

Unit Designator Table

Code	Description
APT	Apartment
APP	Appartement
BUREAU	Bureau
SUITE	Suite
UNIT	Unit
UNITE	Unite

Unit Measurement Type Table

Code	Description
BAG	Bag
BOT	Bottle
BOX	Box
CAN	Can
CTG	Cartridge
CTR	Container
cc	Cubic centimeter
cmm	Cubic millimeter
CUP	Cups
DIS	Disk
GTT	Drops
EA	Each
fl oz	Fluid ounce
g	Grams
GAL-IMP	Imperial Gallons
DO	Individual Doses in a package
IU	International Unit
kg	Kilogram
L	Litre
mcg	Microgram
mcL	Microlitre
mcmol	Micromole
mEq	Milliequivalent
mg	Milligram
mL	Millilitre
mmol	Millimole
mol	Mole
PKG	Multidose original package
ng	Nanogram
oz	Ounce
pg	Picogram
PT	Pint
lb	Pound
PNU	Protein Unit
PUFF	Puff
QS	Quantity Sufficient
qt	Quart
QT	Quart
SNIFF	Sniff
SPR	Spray (foam, topical, nasal)
tbl	Tablespoon
tsp	Teaspoon
TUB	Tube
U	Unit

Code	Description
GAL-US	US Gallons
VIL	Vial