Main Differences Between MIIC-Specific HL7 2.3.1/2.4 and HL7 2.5.1

Key Differences

- v2.5.1 is more constrained and conformant to HL7 standard
- Deprecated fields are not supported
- Documented conformance statements in release 1.4
- Some value sets are changed or replaced

MSH (Message Header)

- MSH-4 is "Required"
- MSH-7 (Date/Time of Message) is "Required"
- MSH-9 (Message Type) contains constant value of "VXU^V04^VXU_V04"
- If MSH-15 (Accept Acknowledgement Type) is submitted, then the value of MSH-16 needs to be AL- always, NE-Never, ER-Error/reject only, SU successful completion only
- MSH-16 (Application Acknowledgement Type) should be set to AL, if error messages to be seen in response file

Patient Identifier (PID)

- PID-6 (Mother's Maiden Name) is RE
- PID-8 (Administrative Sex/Self-reported Gender) is RE
- Phone field requires new format: ^PRN^PH^^^555^5555555

PD1-12 (Protection Indicator)

- Meaning of values is reversed from the earlier version
  - Yes, protect the data. Client (or guardian) has indicated that the information shall be protected. (Do not share data)
  - No, it is not necessary to protect data from other clinicians. Client (or guardian) has indicated that the information does not need to be protected. (Sharing is OK)

PV-1 (Patient Visit Information)

- Use of this segment for the purpose of reporting client eligibility for a funding program at the visit level is not supported in the Implementation Guide.

MAIN DIFFERENCES BETWEEN MIIC-SPECIFIC HL7 2.3.1/2.4 AND HL7 2.5.1

- As per CDC HL7 2.5.1 guide: PV1 segment is used to convey visit specific information. The primary use in immunization messages in previous releases was to carry information about the client's eligibility status. This is now recorded at the immunization event (dose administered) level- OBX segment

RXA (Pharmacy/Treatment Administration Segment)

- ORC segment is required for all RXA (each RXA must be preceded by a ORC)

- RXA-2:

  - Previous Implementation Guide suggested e use for indicating dose number; no longer supported.

  - This field is used to track multiple RXA under an ORC. Since each ORC has only one RXA in immunization messages, constrain to 1 (previous version used 999). This should not be used for indicating dose number, which belongs in an OBX.

- RXA-10:

  - Name and Provider ID of person physically administering the immunization

  - Use of local codes to indicate administering provider, ordering provider, and recording provider is not supported in this Guide (previous version supported this).

  - The ordering and entering providers are indicated in the associated ORC segment.

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