

**HL7 Interface Implementation Workbook**

**Vendor: <Vendor>**

**HL7 ADT Outbound**

WellSky - Home Health, Hospice

<Version> - <Date>

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# Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Revision** | **Author** | **Summary of Changes** | **Date** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

# Overview

## Summary and Scope

This document serves as the specification for the HL7 messaging interface for the exchange of HL7 patient admit, discharge, transfer (ADT) messages between WellSky Home Health and Hospice (HHH) and <Vendor>.

## Assumptions

This document assumes the reader is familiar with, and has access to, the HL7 2.4 specification.

## Audience

This guide serves as a technical resource for implementation analysts, interface engineers and application developers of WellSky HHH and <Vendor> who participate in the implementation of the interface. This document is intended to be used in conjunction with the HL7 Standard. The format and layout of this document is similar, but not identical to, the HL7 Standard.

## Related Publications

Health Level Seven, Version 2.4©.

# Interface Specification

## Interacting Vendors, Systems and Applications

|  |  |  |  |
| --- | --- | --- | --- |
| **Vendor** | **System (Product Line)** | **Application (Product)** | **Comments** |
| WellSky | Home Health and Hospice (HHH) | Hospice |  |
| <Vendor> | N/A | N/A |  |

## Supported HL7 Messages

|  |  |  |  |
| --- | --- | --- | --- |
| **Message Type** | **Description** | **Source [Vendor – System – Application]** | **Destination [Vendor – System – Application]** |
| ADT | Admit, Discharge, Transfer | WellSky - HHH - Hospice | <Vendor> |
| ACK | ADT Acknowledgment | <Vendor> | WellSky - HHH - Hospice |

## Implemented HL7 Message Interfaces

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Interface Name** | **Message  Protocol** | **Message Types** | **Transport Protocol** | **HTTP Method** | **Encryption** | **Authentication** |
| ADT Notifications | HL7 2.4 | ADT, ACK | HTTPS | POST | TLS (via HTTPS) | HTTP Basic Auth |

# Summary of Changes

This document is based on version 1.2 (8/8/2019) of the WellSky Home Health and Hospice HL7 ADT Outbound standard messaging specification. The following tables summarize planned, proposed or implemented changes in the HL7 ADT Outbound interface with <Vendor> that deviate from the WellSky standard specification. These changes are also indicated in **orange** in the ‘Messaging Specification’ section of the document**.**

## HL7 Message Structure Changes

| **MESSAGE TYPE** | **SEGMENT** | **R/O** | **COMMENTS** |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## HL7 Field-Level Changes

| **FIELD** | **ELEMENT NAME** | **WellSky HHH Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** | **STATUS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

# Messaging Specification

## Supported Trigger Events

This section describes the supported trigger events that result in the generation and transmission of HL7 messages through the interface. The trigger events are generated by user workflow in the WellSky Home Health and Hospice applications.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Trigger Event** | **HL7**  **Message Type** | **HL7**  **Event Type** | **HL7 ACK  Message Type** | **HL7 ACK**  **Event Type** | **Comments** |
| Admit/visit notification | ADT | A01 | ACK | A01 | An A01 event is sent as a result of a patient undergoing the admission process which signals the beginning of a patient’s stay in a healthcare facility. |
| Transfer a patient | ADT | A02 | ACK | A02 | An A02 event is issued when a patient has been transferred from one physical location to another one |
| Discharge/end visit | ADT | A03 | ACK | A03 | An A03 event signals the end of a patient’s stay in a healthcare facility. |
| Pre-admit a patient,  Patient Registration | ADT | A05 | ACK | A05 | An A05 event is sent when a patient undergoes the pre-admission process. It’s also valid for registration of a non-admitted patient. |
| Update patient information | ADT | A08 | ACK | A08 | This trigger event is used when any patient information has changed but when no other trigger event has occurred |

**Note**: Segments surrounded with [ ] indicate an optional segment. Segments surrounded with { } indicate a repeating segment.

## HL7 Message Segments

|  |  |  |  |
| --- | --- | --- | --- |
| **Segment** | **Description** | **R/O** | **Comments** |
| MSH | Message header | R |  |
| EVN | Event Identification | R |  |
| PID | Patient Identification | R |  |
| PV1 | Patient Visit | R |  |
| [ PV2 ] | Patient Visit | O |  |
| [ {DG1} ] | Diagnosis | R\* | Required only for A01, A03; optional for other message types |
| [ {AL1} ] | Allergy | O |  |

## HL7 ACK Message Segments

|  |  |  |  |
| --- | --- | --- | --- |
| **Segment** | **Description** | **R/O** | **Comments** |
| MSH | Message header | R |  |
| MSA | Message Acknowledgement | R |  |
| ERR | Error Information | O |  |
| NTE | Notes and Comments | O |  |

## Message Structure

**Note**: Segments surrounded with [ ] indicate an optional segment. Segments surrounded with { } indicate a repeating segment.

### A01 – Patient Admission

|  |  |  |
| --- | --- | --- |
| **Segment** | **Description** | **Comments** |
| MSH | Message Header |  |
| EVN | Event Identification |  |
| PID | Patient Identification |  |
| PV1 | Patient Visit |  |
| [ PV2 ] | Patient Visit – Additional Info |  |
| { DG1 } | Patient Diagnosis |  |
| [ { AL1 } ] | Patient Allergy |  |

### A03 – Patient Discharge

|  |  |  |
| --- | --- | --- |
| **Segment** | **Description** | **Comments** |
| MSH | Message Header |  |
| EVN | Event Identification |  |
| PID | Patient Identification |  |
| PV1 | Patient Visit |  |
| [ PV2 ] | Patient Visit – Additional Info |  |
| { DG1 } | Patient Diagnosis |  |
| [ { AL1 } ] | Patient Allergy |  |

### A05 – Patient Registration

|  |  |  |
| --- | --- | --- |
| **Segment** | **Description** | **Comments** |
| MSH | Message Header |  |
| EVN | Event Identification |  |
| PID | Patient Identification |  |
| PV1 | Patient Visit |  |
| [ PV2 ] | Patient Visit – Additional Info |  |

### A08 – Patient Update

|  |  |  |
| --- | --- | --- |
| **Segment** | **Description** | **Comments** |
| MSH | Message Header |  |
| EVN | Event Identification |  |
| PID | Patient Identification |  |
| PV1 | Patient Visit |  |
| [ PV2 ] | Patient Visit – Additional Info |  |
| [ { DG1 } ] | Patient Diagnosis |  |
| [ { AL1 } ] | Patient Allergy |  |

### ACK – Message Acknowledgment

|  |  |  |
| --- | --- | --- |
| **Segment** | **Description** | **Comments** |
| MSH | Message Header |  |
| MSA | Message Acknowledgement |  |
| [ ERR ] | Error |  |

## Message Segments

If a field is identified as required (R) in theR/O column, the WellSky HHH application sends a value in this field and expects a value in this field when receiving messages. These are the reasons a field can be documented as required:

* Compatibility and compliance with the HL7 standard (i.e., HL7 lists it as a required field).
* Ensure certain WellSky HHH functionality works correctly.
* Forward compatibility with a planned feature or functionality in WellSky HHH.
* Processing and error reporting (e.g., message control ID).
* For outbound communication - a field that the WellSky HHH interface will populate because WellSky HHH requires its entry.

Fields or subfields marked with (N) are not supported by WellSky HHH.

Field lengths are HL7 2.4 field lengths unless otherwise indicated.

### MSH – Message Header – HL7 v2.4

| **FIELD** | **SUBFIELD** | **ELEMENT NAME** | **WellSky HHH Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Field Separator |  | 1 | R | | |  |
| 2 |  | Encoding Characters |  | 4 | R | ^~\& |  |
| 3 |  | Sending Application |  | 180 | R | WellSky |  |
| 4 |  | Sending Facility | <WellSky Clinic Branch ID> | 180 | R | 53652 | WellSky Clinic Branch ID |
| 5 |  | Receiving Application |  | 180 | O | <Vendor-Specified> | Defined by <Vendor> |
| 6 |  | Receiving Facility |  | 180 | O | <Vendor-Specified> | Defined by <Vendor> |
| 7 |  | Creation Date/Time |  | 26 | R | CCYYMMDDHHMM-ZZZZ |  |
| 8 |  | Security |  | 40 | O |  |  |
| 9 | 1 | Message Type |  | 10 | R | ADT |  |
| 9 | 2 | Trigger Event |  | 3 | R | A01 |  |
| 10 |  | Message Control ID |  | 20 | R | ADT\_599102 | Unique message counter |
| 11 |  | Processing ID |  | 3 | R | P  T | P = Production; T = Training; D = Debugging |
| 12 |  | Version ID |  | 60 | R | 2.4 |  |
| 13 |  | Sequence Number |  | 15 | N |  |  |
| 14 |  | Continuation Pointer |  | 180 | N |  |  |
| 15 |  | Accept ACK Type |  | 2 | N |  |  |
| 16 |  | Application ACK Type |  | 2 | N |  |  |
| 17 |  | Country Code |  | 3 | N |  |  |
| 18 |  | Character Set |  | 16 | N |  |  |
| 19 |  | Principal Language of Message |  | 250 | N |  |  |
| 20 |  | Alternate Character Set Handling Scheme |  | 20 | N |  |  |
| 21 |  | Conformance Statement ID |  | 10 | N |  |  |

The sending system waits for an HL7 acknowledgement from the receiving system before assuming commitment by the receiver (and before proceeding to send the next message). The sender uses the Message Control ID (MSH10 and MSA2) for this purpose. When sending a message, the sender remembers the Message Control ID it puts in MSH10 and waits for a corresponding HL7 Acknowledgement message. When an acknowledgement is received, the sender verifies that MSA2 matches the Message Control ID that was sent. If so, the sender proceeds to the next message. If not, the sender discards the Acknowledgement message and continues to wait for an acknowledgement with the correct Message Control ID.

### EVN – Event Identification – HL7 v2.4

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **FIELD** | **SUBFIELD** | **HL7 Description** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **Comment** |
| 1 |  | Event Type Code | 3 | R | A01 | See <http://www.hl7.eu/refactored/tab0003.html> for details.  Note: EVN-1 is deprecated in HL7 2.4, replaced by MSH-9. |
| 2 |  | Recorded Date/Time | 26 | R | CCYYMMDDHHMM-ZZZZ |  |
| 3 |  | Date/Time Planned Event | 26 | N | CCYYMMDDHHMM-ZZZZ |  |
| 4 |  | Event Reason Code | 3 | N | 02 | See <http://www.hl7.eu/refactored/tab0062.html> for details.  ‘01’ (Patient Request)  ‘02’ (Physician Order)  ‘03’ (Census Management)  ‘O’ (Other)  ‘U’ (Unknown) |
| 5 |  | Operator ID | 250 | N |  |  |
| 6 |  | Event Occurred Date/Time | 26 | O\* | CCYYMMDDHHMM-ZZZZ | For A02 (transfer), indicates the transfer date. |
| 7 |  | Event Facility | 180 | N |  |  |

### PID – Patient Identification - HL7 v2.4

| **FIELD** | **SUBFIELD(S)** | **ELEMENT NAME** | **WellSky HHH**  **Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Set ID |  | 4 | R | 1 |  |
| 2 |  | Patient ID |  | 20 | N |  | Deprecated in HL7 2.4 |
| 3 |  | Patient Identifier List | <WellSky ID> | 250 | R | 1234-567-890 |  |
| 4 |  | Alternate Patient ID - PID |  | 20 | O |  |  |
| 5 | 1 | Patient Name: Last Name |  | 40 | R | DUCK |  |
| 5 | 2 | Patient Name: First Name |  | 40 | R | DONALD |  |
| 5 | 3 | Patient Name: Middle Name |  | 40 | O | OSWALD |  |
| 5 | 4 | Patient Name: Suffix |  | 20 | N | III |  |
| 5 | 5 | Patient Name: Prefix |  | 20 | N | Sir |  |
| 5 | 6 - 11 | <multiple sub-fields> |  |  | N |  |  |
| 6 |  | Mother’s Maiden Name |  |  | N |  |  |
| 7 |  | Date/Time of Birth |  | 26 | R | CCYYMMDD |  |
| 8 |  | Sex |  | 1 | R | F = Female  M = Male  U = Unknown  N = N/A |  |
| 9 |  | Patient Alias |  | 250 | N |  |  |
| 10 |  | Race |  | 250 | N |  |  |
| 11 | 1 | Patient Address: Patient Address #1 |  | 40 | R | 111 DUCK ST |  |
| 11 | 2 | Patient Address: Patient Address #2 |  | 40 | O |  |  |
| 11 | 3 | Patient Address: City |  | 20 | R | FOWL |  |
| 11 | 4 | Patient Address: State |  | 20 | R | CA |  |
| 11 | 5 | Patient Address: Zip code |  | 10 | R | 99999 |  |
| 11 | 6 | Patient Address: Country |  | 20 | R | US |  |
| 11 | 7 - 8 | Patient Address: <multiple sub-fields> |  |  | N |  |  |
| 11 | 9 | Patient Address: County |  |  | O | Orange County |  |
| 11 | 10 - 12 | Patient Address: <multiple sub-fields> |  |  | N |  |  |
| 12 |  | County Code |  | 200 | N |  |  |
| 13 |  | Phone Number - Home |  | 20 | O | 8885551212 |  |
| 14 |  | Phone Number - Business |  | 20 | O | 8885551212 |  |
| 15 |  | Primary Language |  | 60 | O | eng^English^ISO639 | See ISO 639 table for list of language codes: <https://iso639-3.sil.org/code_tables/639/data> |
| 16 |  | Marital Status |  | 1 | N |  | HL7 Table 0002 – Marital Status  See <http://www.hl7.eu/refactored/tab0002.html> |
| 17 |  | Religion |  | 80 | N |  |  |
| 18 | 1 | Patient Account Number: ID |  | 30 | N |  |  |
| 18 | 2 - 5 | Patient Account Number: <multiple sub-fields> |  |  | N |  |  |
| 18 | 6 | Patient Account Number: Assigning Facility |  | 30 | N |  |  |
| 18 | 7 - 8 | Patient Account Number: <multiple sub-fields> |  |  | N |  |  |
| 19 |  | SSN Number - Patient |  | 16 | O | 123456789 |  |
| 20 |  | Driver's License Number - Patient |  | 25 | N |  |  |
| 21 |  | Mother's Identifier |  | 40 | N |  |  |
| 22 |  | Ethnic Group |  | 40 | N |  |  |
| 23 |  | Birth Place |  | 40 | N |  |  |
| 24 |  | Multiple Birth Indicator |  | 1 | N |  |  |
| 25 |  | Birth Order |  | 2 | N |  |  |
| 26 |  | Citizenship |  | 40 | N |  |  |
| 27 |  | Veterans Military Status |  | 40 | N |  |  |
| 28 |  | Nationality |  | 40 | N |  |  |
| 29 |  | Patient Death Date and Time |  | 26 | R\* | CCYYMMDD  or  CCYYMMDDMM-ZZZZ | Required only for A03 discharge due to the death. |
| 30 |  | Patient Death Indicator |  | 1 | R | Y = Not Deceased  N = Deceased | Value of ‘Y’ required for A03 discharge due to the death. |
| 31 |  | Identity Unknown Indicator |  | 1 | N |  |  |
| 32 |  | Identity Reliable Code |  | 20 | N |  |  |
| 33 |  | Last Update Date/Time |  | 26 | N |  |  |
| 34 |  | Last Update Facility |  | 40 | N |  |  |
| 35 |  | Species Code |  | 20 | N |  |  |
| 36 |  | Breed Code |  | 20 | N |  |  |
| 37 |  | Strain |  | 80 | N |  |  |
| 38 |  | Production Class Code |  | 40 | N |  |  |

### PV1 – Patient Visit – HL7 v2.4

| **FIELD(S)** | **SUBFIELD(S)** | **ELEMENT NAME** | **WellSky HHH**  **Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Set ID |  | 4 | R | 1 |  |
| 2 |  | Patient Class |  | 1 | R | I = Inpatient  O = Outpatient | HL7 Table 0004 – Patient Class  <http://www.hl7.eu/refactored/tab0004.html>  Question: Is |
| 3 | 1 | Assigned Patient Location: Point of Care |  | 16 | N |  |  |
| 3 | 2 | Assigned Patient Location: Room |  | 16 | N |  |  |
| 3 | 3 | Assigned Patient Location: Bed |  | 16 | N |  |  |
| 3 | 4 | Assigned Patient Location: Facility |  | 16 | N |  |  |
| 3 | 5 | Assigned Patient Location: Status |  | 16 | N |  |  |
| 3 | 6 | Assigned Patient Location: Person Location Type | <Facility Type Key> | 16 | R | 5 | WellSky HHH Facility Type Code. See Table 1: PV1-3-6: WellSky HHH Facility Type Codes |
| 3 | 7 - 9 | Assigned Patient Location: <multiple sub-fields> |  |  | N |  |  |
| 4 |  | Admission Type |  | 2 | N |  | HL7 Table 0007 – Admission Type  <http://www.hl7.eu/refactored/tab0007.html> |
| 5 |  | Preadmit Number |  | 16 | N |  |  |
| 6 |  | Prior Patient Location |  | 40 | N |  |  |
| 7 | 1 | Attending Doctor: ID Number |  | 32 | R | <NPI> |  |
| 7 | 2 | Attending Doctor: Last Name |  | 30 | R |  |  |
| 7 | 3 | Attending Doctor: First Name |  | 30 | R |  |  |
| 7 | 4 | Attending Doctor: Middle Name/Initials |  | 20 | O |  |  |
| 7 | 5 | Attending Doctor: Suffix |  | 16 | O |  |  |
| 7 | 6 | Attending Doctor: Prefix |  | 16 | O |  |  |
| 7 | 7 | Attending Doctor: Degree |  | 16 | O |  |  |
| 7 | 8 - 18 | Attending Doctor: <multiple sub-fields> |  |  | N |  |  |
| 8 | 1 | Referring Doctor: ID Number |  | 32 | O | <NPI> |  |
| 8 | 2 | Referring Doctor: Last Name |  | 30 | O |  |  |
| 8 | 3 | Referring Doctor: First Name |  | 30 | O |  |  |
| 8 | 4 | Referring Doctor: Middle Name/Initials |  | 20 | O |  |  |
| 8 | 5 | Referring Doctor: Suffix |  | 16 | O |  |  |
| 8 | 6 | Referring Doctor: Prefix |  | 16 | O |  |  |
| 8 | 7 | Referring Doctor: Degree |  | 16 | O |  |  |
| 8 | 8 - 18 | Referring Doctor: <multiple sub-fields> |  |  | N |  |  |
| 9 |  | Consulting Doctor |  | 250 | N |  |  |
| 10 |  | Hospital Service |  | 3 | N |  |  |
| 11 |  | Temporary Location |  | 80 | N |  |  |
| 12 |  | Preadmit Test Indicator |  | 2 | N |  |  |
| 13 |  | Readmission Indicator |  | 2 | N |  |  |
| 14 |  | Admit Source |  | 6 | N |  |  |
| 15 |  | Ambulatory Status |  | 2 | N |  |  |
| 16 |  | VIP Indicator |  | 2 | N |  |  |
| 17 |  | Admitting Doctor |  | 250 | N |  |  |
| 18 |  | Patient Type |  | 2 | N |  |  |
| 19 |  | Visit Number |  | 20 | N |  |  |
| 20 |  | Financial Class |  | 50 | N |  |  |
| 21 |  | Charge Price Indicator |  | 2 | N |  |  |
| 22 |  | Courtesy Code |  | 2 | N |  |  |
| 23 |  | Credit Rating |  | 2 | N |  |  |
| 24 |  | Contract Code |  | 2 | N |  |  |
| 25 |  | Contract Effective Date |  | 8 | N |  |  |
| 26 |  | Contract Amount |  | 12 | N |  |  |
| 27 |  | Contract Period |  | 3 | N |  |  |
| 28 |  | Interest Code |  | 2 | N |  |  |
| 29 |  | Transfer to Bad Debt Code |  | 1 | N |  |  |
| 30 |  | Transfer to Bad Debt Date |  | 8 | N |  |  |
| 31 |  | Bad Debt Agency Code |  | 10 | N |  |  |
| 32 |  | Bad Debt Transfer Amount |  | 12 | N |  |  |
| 33 |  | Bad Debt Recovery Amount |  | 1 | N |  |  |
| 34 |  | Delete Account Indicator |  | 8 | N |  |  |
| 35 |  | Delete Account Date |  | 3 | N |  |  |
| 36 |  | Discharge Disposition |  | 25 | R\* | 20 | Required only for A03 discharge due to death, populate with “20”.  See  <http://hl7-definition.caristix.com:9010/Default.aspx?version=HL7%20v2.5.1&table=0112> |
| 37 |  | Discharged to Location |  | 250 | N |  |  |
| 38 |  | Diet Type |  | 40 | N |  |  |
| 39 |  | Servicing Facility |  | 40 | N |  |  |
| 40 |  | Bed Status |  | 1 | N |  |  |
| 41 |  | Account Status |  | 2 | N |  |  |
| 42 |  | Pending Location | <IDG Team> | 80 | O |  | WellSky HHH IDG Team Name. See Table 2: PV1-42-1: WellSky HHH IDG Teams |
| 43 |  | Prior Temporary Location |  | 80 | N |  |  |
| 44 |  | Admit Date/Time |  | 26 | R | CCYYMMDDHHMM-ZZZZ |  |
| 45 |  | Discharge Date/Time |  | 26 | R\* | CCYYMMDDHHMM-ZZZZ | Required only for patient discharge (A03). If discharge is due to patient death, discharge date will be date of patient death. |
| 46 |  | Current Patient Balance |  | 12 | N |  |  |
| 47 |  | Total Charges |  | 12 | N |  |  |
| 48 |  | Total Adjustments |  | 12 | N |  |  |
| 49 |  | Total Payments |  | 12 | N |  |  |
| 50 |  | Alternate Visit ID |  | 20 | N |  |  |
| 51 |  | Visit Indicator |  | 1 | N |  |  |
| 52 |  | Other Healthcare Provider |  | 250 | N |  |  |

#### Table 1: PV1-3-6: WellSky HHH Facility Type Codes

|  |  |
| --- | --- |
| **WellSky HHH Facility Type Codes** | |
| **Facility Type Code** | **FacilityType** |
| 1 | Home |
| 2 | Hospital |
| 3 | Funeral Home |
| 4 | Physician Office |
| 5 | Hospice |
| 6 | Pharmacy |
| 7 | LTC or Non-skilled Nursing (NF) |
| 8 | Skilled Nursing Facility (SNF) |
| 10 | Other |
| 11 | Home Health Agency |
| 12 | Assisted Living Facility |
| 13 | Inpatient Psychiatric Facility |

This table enumerates the set of values (“Facility Type Code” column) that WellSky HHH will send in PV1-3-6.

#### Table 2: PV1-42-1: WellSky HHH IDG Teams

|  |  |  |
| --- | --- | --- |
| **IDG Team Key** | **IDG Team Name** | **Comments** |
| 0 | N/A |  |
| 10 | Team A |  |
| 20 | Team B |  |
| 30 | Team C |  |
| 40 | Team D |  |
| 50 | Team E |  |
| 60 | Team F |  |
| 70 | Team G |  |
| 80 | Team H |  |
| 90 | Team I |  |
| 100 | Team J |  |
| 101 | Team K |  |
| 102 | Team L |  |
| 103 | Team M |  |
| 104 | Team N |  |
| 105 | Team O |  |
| 106 | Team P |  |
| 107 | Team Q |  |
| 108 | Team R |  |
| 109 | Team S |  |
| 110 | Team T |  |

This table enumerates the set of values (“IDG Team Name” column) that WellSky HHH will send in PV1-42-1.

### PV2– Patient Visit Additional Info – HL7 v2.4

| **FIELD(S)** | **SUBFIELD(S)** | **ELEMENT NAME** | **WellSky HHH**  **Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Prior Pending Location |  | 80 | N |  |  |
| 2 |  | Accommodation Code |  | 250 | N |  |  |
| 3 |  | Admit Reason |  | 250 | N |  |  |
| 4 |  | Transfer Reason |  | 250 | N |  |  |
| 5 |  | Patient Valuables |  | 25 | N |  |  |
| 6 |  | Patient Valuables Location |  | 25 | N |  |  |
| 7 |  | Visit User Code |  | 2 | N |  |  |
| 8 |  | Expected Admit Date/Time |  | 26 | N |  |  |
| 9 |  | Expected Discharge Date/Time |  | 26 | N |  |  |
| 10 |  | Estimated Length of Inpatient Stay |  | 3 | N |  |  |
| 11 |  | Actual Length of Inpatient Stay |  | 3 | N |  |  |
| 12 |  | Visit Description |  | 50 | N |  |  |
| 13 |  | Referral Source Code |  | 250 | N |  |  |
| 14 |  | Previous Service Date |  | 8 | N |  |  |
| 15 |  | Employment Illness Related Indicator |  | 1 | N |  |  |
| 16 |  | Purge Status Code |  | 1 | N |  |  |
| 17 |  | Purge Status Date |  | 8 | N |  |  |
| 18 |  | Special Program Code |  | 2 | N |  |  |
| 19 |  | Retention Indicator |  | 1 | N |  |  |
| 20 |  | Expected Number of Insurance Plans |  | 1 | N |  |  |
| 21 |  | Visit Publicity Code |  | 1 | N |  |  |
| 22 |  | Visit Protection Indicator |  | 1 | N |  |  |
| 23 | 1 | Clinic Organization Name: Org Name | WellSky Clinic Name | 50 | O | <clinic name> |  |
| 23 | 2 - 9 | Clinic Organization Name: <multiple sub-fields> |  | 200 | N |  |  |
| 24 |  | Patient Status Code |  | 2 | N |  |  |
| 25 |  | Visit Priority Code |  | 1 | N |  |  |
| 26 |  | Previous Treatment Date |  | 8 | N |  |  |
| 27 |  | Expected Discharge Disposition |  | 2 | N |  |  |
| 28 |  | Signature on File Date |  | 8 | N |  |  |
| 29 |  | First Similar Illness Date |  | 8 | N |  |  |
| 30 |  | Patient Charge Adjustment Code |  | 250 | N |  |  |
| 31 |  | Recurring Service Code |  | 2 | N |  |  |
| 32 |  | Billing Media Code |  | 1 | N |  |  |
| 33 |  | Expected Surgery Date and Time |  | 26 | N |  |  |
| 34 |  | Military Partnership Code |  | 1 | N |  |  |
| 35 |  | Military Non-Availability Code |  | 1 | N |  |  |
| 36 |  | Newborn Baby Indicator |  | 1 | N |  |  |
| 37 |  | Baby Detained Indicator |  | 1 | N |  |  |
| 38 |  | Mode of Arrival Code |  | 250 | N |  |  |
| 39 |  | Recreational Drug Use Code |  | 250 | N |  |  |
| 40 |  | Admission Level of Care Code |  | 250 | N |  |  |
| 41 |  | Precaution Code |  | 250 | N |  |  |
| 42 |  | Patient Condition Code |  | 250 | N |  |  |
| 43 |  | Living Will Code |  | 2 | N |  |  |
| 44 |  | Organ Donor Code |  | 2 | N |  |  |
| 45 |  | Advance Directive Code |  | 250 | N |  |  |
| 46 |  | Patient Status Effective Date |  | 8 | N |  |  |
| 47 |  | Expected LOA Return Date/Time |  | 26 | N |  |  |

### DG1 – Diagnosis – HL7 v2.4

| **FIELD** | **SUBFIELD (S)** | **HL7 Description** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Set ID | 4 | R |  |  |
| 2 |  | Diagnosis Coding Method | 2 | O | I10 | Diagnosis Coding Method  See <http://www.hl7.eu/refactored/tab0396.html> for full list of coding systems.  Note: Deprecated in v2.4; replaced with DG1-3-3 |
| 3 | 1 | Diagnosis Code - Identifier | 16 | R | Example: L10 | Diagnosis Code |
| 3 | 2 | Diagnosis Code - Description | 64 | N | Napkin Rash | Diagnosis Code Description |
| 3 | 3 | Diagnosis Code – Coding System | 16 | N | I10 | Coding System  I9 = ICD-9  I9C = ICD9-CM  I10 = ICD-10  I10C = ICD10-CM  See <http://www.hl7.eu/refactored/tab0396.html> for full list of coding systems. |
| 3 | 4 - 6 | Diagnosis Code – <multiple sub-fields> |  | N |  |  |
| 4 |  | Diagnosis Description | 40 | O | Napkin Rash | Note: Deprecated in v2.4; replaced with DG1-3-2 |
| 5 |  | Diagnosis Onset Date/Time | 26 | N | CCYYMMDD | Currently HHH does not persist the onset date |
| 6 |  | Diagnosis Type | 2 | O | A | A = Admitting  See <http://www.hl7.eu/refactored/tab0052.html>  Note: WellSky HHH will always send ‘A’ (Admitting) for ADT. WellSky HHH does not store Admitting/Working/Final for diagnoses. |
| 7 |  | Major Diagnostic Category | 250 | N |  |  |
| 8 |  | Diagnostic Related Group | 250 | N |  |  |
| 9 |  | DRG Approval Indicator | 1 | N |  |  |
| 10 |  | DRG Grouper Review Code | 2 | N |  |  |
| 11 |  | Outlier Type | 250 | N |  |  |
| 12 |  | Outlier Days | 3 | N |  |  |
| 13 |  | Outlier Cost | 12 | N |  |  |
| 14 |  | Grouper Version and Type | 4 | N |  |  |
| 15 |  | Diagnosis Priority | 2 | R | 0  1  2  … | 0 = No priority  1 = Primary diagnosis  2 = Secondary diagnosis  See <http://www.hl7.eu/refactored/tab0359.html> for details. |
| 16 |  | Diagnosing Clinician | 250 | N |  |  |
| 17 |  | Diagnosis Classification | 3 | N |  |  |
| 18 |  | Confidential Indicator | 1 | N |  |  |
| 19 |  | Attestation Date/Time | 26 | N |  |  |

### AL1 – Allergy – HL7 v2.4

| **FIELD** | **SUBFIELD (S)** | **HL7 Description** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Set ID | 4 | R |  |  |
| 2 | 1 | Allergen Type – Identifier Code | 16 | O | DA | See <http://www.hl7.eu/refactored/tab0127.html> for full list of allergen type codes.  **Note: WellSky HHH does not currently store the allergen type.** |
| 2 | 2 | Allergen Type - Description | 64 | O | Drug Allergy |  |
| 2 | 3 - 6 | Allergen Type - <multiple sub-fields> |  | N |  |  |
| 3 | 1 | Allergen – Identifier Code | 16 | R | 985 | PatientMedispanAllergy.AllergyId. |
| 3 | 2 | Allergen - Description | 64 | R | Penicillin | PatientMedispanAllergy.Allergy |
| 3 | 3 - 6 | Allergen – <multiple sub-fields> |  | N |  |  |
| 4 |  | Allergy Severity Code | 250 | N |  | See <http://www.hl7.eu/refactored/tab0128.html> for details. |
| 5 |  | Allergy Reaction Code | 15 | R | Rash | PatientMedispanAllergy.Allergy |
| 6 |  | Allergy Identification Date | 26 | N | CCYYMMDD | Currently HHH does not persist the onset date. |

### Indicating No Known Allergies (NKA)

In WellSky Hospice, indicating “No Known Allergies” on a patient chart will trigger the generation of an A08 message containing an AL1 segment with the text “\*No Known Allergies” (excluding surrounding quotes) populated in AL1.3.2 (Allergen Description).

### MSA – Message Acknowledgement - HL7 v2.4

| **FIELD** | **SUB**  **FIELD(S)** | **ELEMENT NAME** | **WellSky HHH Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Acknowledgement Code |  | 2 | R | AA | HL7 Table 0008 – Acknowledgement Code  See <http://www.hl7.eu/refactored/tab0008.html> |
| 2 |  | Message Control ID |  | 20 | R | 599102 |  |
| 3 |  | Text Message |  | 80 | O | Message Accepted |  |
| 4 |  | Expected Sequence Number |  | 15 | O |  |  |
| 5 |  | Delayed Acknowledgement Type |  | 1 | O | D  F | HL7 Table 0102 – Delayed Acknowledgement Type  D = Message received, stored for later processing  F = acknowledgment after processing |
| 6 | 1 | Error Condition: ID |  | 32 | O |  |  |
| 6 | 2 | Error Condition: Text |  | 200 | O |  |  |
| 6 | 4 - 6 | Error Condition: <multiple sub-fields> |  |  | N |  |  |

### ERR – Error Information - HL7 v2.4

| **FIELD** | **SUB**  **FIELD(S)** | **ELEMENT NAME** | **WellSky HHH Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Error Code and Location | N/A | 80 | R | 96 - Invalid Account Number |  |

### NTE – Notes and Comments - HL7 v2.4

| **FIELD** | **SUB**  **FIELD** | **ELEMENT NAME** | **WellSky HHH**  **Field Mapping** | **LEN** | **R/O** | **VENDOR FORMAT/SAMPLE** | **COMMENTS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 |  | Set ID | N/A | 4 | R |  |  |
| 2 |  | Source of Comment | N/A | 8 | O | O | HL7 Table 0105 – Source of Comment  See <http://www.hl7.eu/refactored/tab0105.html>  O = Other System |
| 3 |  | Comment | N/A | 65536 | O |  |  |
| 4 |  | Comment Type | N/A | 15 | O |  | HL7 Table 0364 – Comment Type  See <http://www.hl7.eu/refactored/tab0364.html> |

# Action Item / Issue Log

| **Date**  **Opened** | **Last**  **Updated** | **Status** | **Responsible** | **Action Item / Issue** | **Resolution** |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |