



Outbound ADT
Specification

Version 3.0
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1. Overview

This specification is for curated outbound ADT messages from Connie to provider organizations regarding patient encounters.

2. Pre-requisites

- Legal agreements must be signed between the participating organization and Connie
- A patient panel/member roster must be provided, formatted to the Connie template

3. ADT Output Options

3.1. HL7 v2.5.1 Format

```

MSH|^~\&|$HIE$|$SENDER_SOURCECODE$^$SOURCE_FACILITY$|$RECEIVER_SOURCECODE$^$DEST_FACILITY$||$M
ESSAGE_TIME$||$MESSAGE_TYPE$^$EVENT$|$MatchId$|P|2.5| |||
EVN|$EVENT$|$ADTEVENTDATETIME$
PID|1||$DEST_MRN$^^$RECEIVER_SOURCECODE$^PI~$SOURCE_MRN$^^$SENDER_SOURCECODE$^MR||$LNAME
$^$FNAME$^$MNAME$||$DOB$|$GENDER$||$RACE$|$ADDR1$^$ADDR2$^$CITY$^$STATE$^$ZIP$||$HOME_PHO
NE$~$CELL_PHONE$|$WORK_PHONE$| ||||| |$ETHNICITY$| ||||| |$DATE_OF_DEATH$|$DEATH_INDICATOR$|
$NK1_Segment_Repetitions$
$PV1_Segment_Repetitions$
$PV2_Segment_Repetitions$
$AL1_Segment_Repetitions$
$DG1_Segment_Repetitions$
$PR1_Segment_Repetitions$
$GT1_Segment_Repetitions$
$IN1_Segment_Repetitions$
$IN2_Segment_Repetitions$
$IN3_Segment_Repetitions$
ZSH|$PAST_EMERGENCY_VISITS$|$PAST_INPATIENT_VISITS$

```

3.2. Templated bulk CSV

Comma delimited .csv bulk file containing the following data elements from panel and source ADTs

Columns	HL7 Section	Comments
EncounterId	From CSS - EncounterID (of ADT)	From ADT
DEST FACILITY	From Panel - Name of Facility (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
DEST PRACTICE	From Panel - Name of Practice (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
Location	From Panel - Name of Location (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
DEST MRN	From Panel - Patient MRN (of panel)	Patient MRN of receiving organization

SOURCE FACILITY	From CSS - Name of the Sending Facility	Based on the sending channel, provide name of sending facility
SOURCE PTCLASS	PV1-2	PatientClass - cleaned to 'E', 'I', 'O', 'OBS'
SOURCE MRN	PID-3.1	Patient MRN of sending organization
FNAME	PID-3	MPI Data - enhanced to latest complete address / phone
MNAME	PID-3	MPI Data - enhanced to latest complete address / phone
LNAME	PID-3	MPI Data - enhanced to latest complete address / phone
GENDER	PID-8	MPI Data - enhanced to latest complete address / phone
DOB	PID-7	MPI Data - enhanced to latest complete address / phone
ADDR1	PID-11	MPI Data - enhanced to latest complete address / phone
ADDR2	PID-11	MPI Data - enhanced to latest complete address / phone
CITY	PID-11	MPI Data - enhanced to latest complete address / phone
STATE	PID-11	MPI Data - enhanced to latest complete address / phone
ZIP	PID-11	MPI Data - enhanced to latest complete address / phone
HOME PHONE	PID-13	MPI Data - enhanced to latest complete address / phone
CELL PHONE	MPI data received from a specific cell phone source	MPI Data - enhanced to latest complete address / phone
WORK PHONE	PID-14	MPI Data - enhanced to latest complete address / phone
EVENT	processed_hl7.hl7.MSH[0].fields[9][0][2][1]	From ADT (e.g. A04)
EVENT TIME	hl7.EVN[0].fields[2][0][1][1]	From ADT
ADMIT SOURCE	processed_hl7.hl7.PV1[0].fields[14][0][1][1]	From ADT
ADMIT TIME	hl7.PV1[0].fields[44][0][1][1]	From ADT
PATIENT COMPLAINT CODE	processed_hl7.hl7.PV2[0].fields[3][0][1][1]	From ADT
PATIENT COMPLAINT	processed_hl7.hl7.PV2[0].fields[3][0][1][1]	From ADT
PATIENT LOCATION	processed_hl7.hl7.hl7.PV1[0].fields[3][0][1][1]	From ADT
DEATH INDICATOR	F.when(F.upper(processed_hl7.hl7.PID[0].fields[30][0][1][1]) == "YES", "Y") .when(F.upper(processed_hl7.hl7.PID[0].fields[30][0][1][1]) == "NO", "N") .otherwise(processed_hl7.hl7.PID[0].fields[30][0][1][1])	From ADT
DATE OF DEATH	hl7.PID[0].fields[29][0][1][1]	From ADT
DIAGNOSIS CODE	processed_hl7.hl7.DG1[0].fields[3][0][1][1]	From ADT
DIAGNOSIS DESCRIPTION	processed_hl7.hl7.DG1[0].fields[4][0][1][1]	From ADT
DISCHARGE TIME	hl7.PV1[0].fields[45][0][1][1]	From ADT
DISCHARGE DISPOSITION	processed_hl7.hl7.PV1[0].fields[36][0][1][1]	From ADT
DISCHARGE TO LOCATION	processed_hl7.hl7.PV1[0].fields[37][0][1][1]	From ADT
HOSPITAL SERVICE	processed_hl7.hl7.PV1[0].fields[10][0][1][1]	From ADT
RACE	processed_hl7.hl7.PID[0].fields[10][0][1][1]	From ADT
ETHNICITY	processed_hl7.hl7.PID[0].fields[22][0][1][1]	From ADT
VISIT NUMBER	processed_hl7.hl7.PV1[0].fields[19][0][1][1]	From ADT
ACCOUNT NUMBER	processed_hl7.hl7.PID[0].fields[18][0][1][1]	From ADT
PAST EMERGENCY VISITS	Provided by CSS	Count of unique visits with patientclass = 'E' in last 180 days
PAST INPATIENT VISITS	Provided by CSS	Count of unique visits with patientclass = 'I' in last 180 days

Assigning_Authority_Code	processed_hl7.hl7.MSH[0].fields[4][0][1][1]	From ADT
ACO	From Panel - ACO (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
Appointment_Missed_Date	From Panel - Appointment Missed Date (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
Care_Alert	From Panel - Care Alert (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
Care_Manager	processed_hl7.hl7.ZCP[0].fields[3][0][1][1]	From ADT
Care_Manager_Email	processed_hl7.hl7.ZCP[0].fields[5][0][1][1]	From ADT
Care_Manager_Phone	processed_hl7.hl7.ZCP[0].fields[4][0][1][1]	From ADT
Care_Program	processed_hl7.hl7.ZCP[0].fields[1][0][1][1]	From ADT
Care_Program_EndDt	processed_hl7.hl7.ZCP[0].fields[2][0][2][1]	From ADT
Care_Program_StartDt	processed_hl7.hl7.ZCP[0].fields[2][0][1][1]	From ADT
CEND_StartDate	From Panel - CEND Start Date (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
DocHaloID	From Panel - DocHalo ID (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
Follow_Up_Date	From Panel - Follow Up Date (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
InsuranceCompanyName	processed_hl7.hl7.IN1[0].fields[4][0][1][1]	From ADT
InsuranceCompanyID	processed_hl7.hl7.IN1[0].fields[3][0][1][1]	From ADT
InsurancePlanID	processed_hl7.hl7.IN1[0].fields[2][0][1][1]	From ADT
InsurancePlanIdentifierDescription	processed_hl7.hl7.IN1[0].fields[2][0][2][1]	From ADT
InsurancePlanIDName	processed_hl7.hl7.IN1[0].fields[2][0][1][1]	From ADT
InsuranceAuthorizationInfo	processed_hl7.hl7.IN1[0].fields[14][0][1][1]	From ADT
NPI	From Panel - National Provider Identifier	If supplied on physical panel, CSS will return organization's own panel details to them.
PCPIDentifier	processed_hl7.hl7.PD1[0].fields[4][0][1][1]	From ADT
PCPFirstName	processed_hl7.hl7.PD1[0].fields[4][0][3][1]	From ADT
PCPLastName	processed_hl7.hl7.PD1[0].fields[4][0][2][1]	From ADT
PCPAdditionalName	processed_hl7.hl7.PD1[0].fields[4][0][4][1]	From ADT
DirectEmail	From Panel - Direct Email (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
RiskMethodology1	From Panel - Risk Methodology 1 (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
RiskMethodology2	From Panel - Risk Methodology 2 (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
RiskScore1	From Panel - Risk Score 1 (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
RiskScore2	From Panel - Risk Score 2 (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.
Tax ID	From Panel - Tax ID (if supplied on physical panel)	If supplied on physical panel, CSS will return organization's own panel details to them.

Revision History

Date	Version	Author	Comments
3/6/2024	1.0	Connie	Create initial document.
1/5/2024	1.1	Connie	Incorporate feedback from CRISP
4/4/2024	2.0	Connie	Updated message examples
10/29/2025	3.0	Connie	Updated with new csv template released by CSS 10.16.2025