

## REAL WORLD TESTING RESULTS REPORT

### GENERAL INFORMATION

Report ID Number	[20221216ens]
Developer Name	EnSoftek Inc
Product Name(s)	DrCloudEHR
Version Number(s)	2025 (current), 2020 (previous)
Certified Health IT Product List (CHPL) ID(s)	15.02.05.1434.ENST.01.01.1.220218
Developer Real World Testing PLAN Page URL	<a href="https://www.drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/">https://www.drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/</a>
Developer Real World Testing RESULTS Page URL	<a href="https://drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/">https://drcloudehr.com/resources/dr-cloud-ehr-onc-compliant-real-world-testing/</a>

### SUMMARY OF TESTING METHODS AND KEY FINDINGS

*DrCloudEHR is marketed to behavioral health and human services in the public and private sector all over the US. For this reason, the Real-World Testing plan will apply to this specialty care setting. Agencies that use DrCloudEHR provide mental health counseling, behavioral health counseling and substance use disorder treatment services.*

*Our approach to testing was focused on making sure the system is usable for clinical, medical, billing, and reporting purposes by the agencies using DrCloudEHR. A major element of focus in application design was to promote interoperability and sharing of information between agencies and EHRs using industry standard protocols and mechanisms compliant with ONCHIT compliant certification. We worked with selected partner agencies and staff to test the applicable criteria for which DrCloudEHR is certified.*

*All required data elements compliant with certification was ensured by exporting data in formats we are certified for and any information that is exchanged has tested to make sure they in compliance with certification requirements.*

The following criteria were tested:

Care Coordination

- 170.315(b)(1) Transitions of care
- 170.315(b)(2) Clinical information reconciliation and incorporation
- 170.315(b)(3) Electronic prescribing - DrFirst
- 170.315(b)(6) Data export.

Applicable clinical quality measures

- 170.315(c)(1)-(3)

Supported patient engagement criteria:

- 170.315(e)(1) View, download, and transmit to 3rd party.

Following public health criteria

- 170.315(f)(1) Transmission to immunization registries
- 170.315(f)(2) Transmission to public health agencies — syndromic surveillance.

Included measures for the following Application Programming Interfaces (APIs) criteria

- 170.315(g)(7) Application access — patient selection
- 170.315(g)(9) Application access — all data request and the electronic exchange criteria
- 170.315(h)(1) Direct project.

## STANDARDS UPDATES (INCLUDING STANDARDS VERSION ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE DATA FOR INTEROPERABILITY (USCDI))

☐ Yes, I have products certified with voluntary SVAP or USCDI standards. (If yes, please complete the table below).

☒ No, none of my products include these voluntary standards

Standard (and version)	N/A
Updated certification criteria and associated product	N/A
Health IT Module CHPL ID	N/A
Conformance measure	N/A

### Care Setting(s)

Behavioral Healthcare  
 Integrated Care  
 Coordination of Care

### Metrics and Outcomes

Health IT developers should detail outcomes from their testing that successfully demonstrate that the certified health IT:

1. is compliant with the certification criteria, including the required technical standards and vocabulary codes sets;
2. is exchanging electronic health information (EHI) in the care and practice settings for which it is marketed for use; and/or,
3. EHI is received by and used in the certified health IT.

(from 85 FR 25766)

Measurement /Metric	Associated Criterion(a)	Relied Upon Software (if applicable)	Outcomes	Challenges Encountered (if applicable)
Usability Test	§ 170.315(b)(1) Transitions of care	EMRDirect	100% of Users were able to import CCDA documents into DrCloudEHR for 100% of the sites tested	Not Applicable
	§ 170.315(b)(2) Clinical information reconciliation and incorporation	DrCloudEHR used DrFirst for electronic prescribing and med reconciliation	100% of the Users were able to import CCDA documents into DrCloudEHR, reconcile and incorporate health	

			information as defined by the criteria for 100% of the sites tested	
	§ 170.315(b)(3) Electronic prescribing - DrFirst	DrCloudEHR used DrFirst for electronic prescribing and medication reconciliation	The test user was able to successfully prescribe electronically, reconcile meds and incorporate the data within DrCloudEHR 100% of the time.	
	§ 170.315(e)(1) View, download, and transmit to 3rd party	DrCloudEHR Patient Portal interface with EMR Direct is used to transmit data via the Direct Project or Direct Trust network to meet these criteria	Authorized users were able to download and transmit the data via EMR Direct 100% of the time.	
	§ 170.315(f)(1) Transmission to immunization registries		Users are able to document immunizations and receive a response from the registry acknowledging that the VXU or QBP message was successfully received for 100% of the records transmitted.	
	§ 170.315(f)(2) Transmission to public health agencies — syndromic surveillance		As defined by the Criteria, syndromic surveillance messages transmitted to a registry was successfully received and acknowledged by a state registry.	
	§ 170.315(g)(7) Application access— patient selection		Patient IDs were retrieved so we can use them in testing for g(9) 100% of the time	
	§ 170.315(h)(1) Direct Project	DrCloudEHR EMRDirect Interface	Direct Messages were successfully received	

			bidirectionally 100% of the time.	
Audit Log Review	§ 170.315(b)(6) Data export		Users were able to export CCDAs files using the Patient Portal for 100% of the test patients.	
	§ 170.315(g)(9) Application access— all data request		APIs returned all data categories from the USCDI compliant to the criterion (100% of the time).	
Data Review	§ 170.315(c)(1) Record and export § 170.315(c)(2) Import and calculate § 170.315(c)(3) Report		export/import file was successfully generated for each clinical quality measure used by the customer and CCDAs were viewed with DrCloudEHR 100% of the time	
	§ 170.315(f)(1) Transmission to immunization registries		Users are able to transmit immunizations and receive a response from the registry acknowledging that the VXU or QBP message was successfully received for 100% of the records transmitted.	
	§ 170.315(f)(2) Transmission to public health agencies — syndromic surveillance		As defined by the Criteria, syndromic surveillance messages transmitted to a registry was successfully received and acknowledged by a state registry.	

## KEY MILESTONES

Key Milestone	Care Setting	Date/Timeframe
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Identified users to be part of testing	-Behavioral Healthcare -Integrated Care Coordination of Care	Q2 2023
Conducted testing	-Behavioral Healthcare -Integrated Care Coordination of Care	Q3 2023
Published results of Testing	-Behavioral Healthcare -Integrated Care Coordination of Care	02/10/2024
Submitted Report to ACB	-Behavioral Healthcare -Integrated Care Coordination of Care	02/13/2024

## Appendix:

### 170.315(b)(1) Transitions of care

Locations	the Direct Project				
Form Templates	Upload CCD file				
Forms Settings	Choose File No file chosen Upload				
Forms Workflow					
Group Session Docs	Patient Records				
Group Session Attendance Status	Received Files CCD CCR				
Import Patient Records					
Manage Goals					
Mail Merge					
Manage Protocols					
Manage Features					

Date Created	Sender	Recipient	Document(s)	Document Uploaded	Individual
2024-01-31 09:34:21			Turner_Susan_501_01222019_ccda.xml	Manual Uploaded By: Annie Admin	Susan Turner
2024-01-31 09:32:21			CCD_Bates_Jeremy_Transmitted_from_Patient_portal_to_mail.xml	Manual Uploaded By: Annie Admin	Jeremy Bates
2024-01-31 09:29:35			Cummings_Cecilia_502_01222019_ccda.xml	Manual Uploaded By: Annie Admin	Cecilia Cummings
2024-01-30 13:09:42			Jones_Myra_500_01222019_ccda.xml	Manual Uploaded By: Annie Admin	Myra Jones
2023-02-15 12:42:09			Cummings_Cecilia_502_01222019_ccda.xml	Manual Uploaded By: Annie Admin	Cecilia Cummings
2022-07-26 08:57:02			Jones_Sarah_500_01222019_ccda.xml	Manual Uploaded By: Annie Admin	Sarah Jones

### 170.315(b)(2) Clinical information reconciliation and incorporation

demo.drcloudemr.com says  
Successfully saved the reconciled list

OK

January 30, 2024 Annie Admin Community Clinic

Search Menu Select Categories: CCD History

Files: Jones\_Myra\_500\_012220 History

Source File

Issue Type: Allergies

EHR

Continuity of Care Document (C-CDA)

Patient: Myra Jones

Date of birth: May 1, 1947

Sex: Female

Race: White

Ethnicity: Not Hispanic or Latino

Language: English (United States)

Contact info: Home: 1357 Amber Drive Beaverton, OR 97006 Tel: +1 216.840.1113883.4.1

Patient ID: 216.840.1113883.4.1

Document ID: 216.840.1113883.4.1

Document: 216.840.1113883.4.1

Document: 216.840.1113883.4.1

Review & Reconcile

### 170.315(b)(3) Electronic prescribing - DrFirst

Encounter History Chart New Encounter

Insurance Provider: Community Clinic

Admitted: Community Clinic

PST: (36 days) (more...)

Language: English

Dashboard Pre-Admit/Referrals Schedule Persons Practice Billing Reports Administration Inboxes Settings

Prescriptions

List ePrescription

Last Reviewed: ensofekte Doctor MD 03/01/2021 05:04:37 PM IST

Major depressive disorder

ICD-10 F33.0 10/11/2022 01/30/2024

Malignant hypertensive heart disease with heart failure

ICD-9 402.01 10/04/2022 01/25/2024

Add Diagnosis

Prescription Management

1 of 1 Legend Prescription(s) Sent

Prescription 27352325735 for Latuda 60 mg tablet for Albertine Abba was signed and sent for ensofekte Doctor to RITE AID-1014 BEARDS HILL RD. Medication list for Albertine Abba has been updated.

Drug Type All Drugs Status Pending



### 170.315(e)(1) View, download, and transmit to 3rd party

12888 | DOB: | Age: | Chief Complaint: | January 30, 2024 | Annie Admin | Community Clinic

Encounter History | Chart | New Encounter

Insurance Provider: | Admitted: | 95T (36 days) (more...)

Language: English

Dashboard | Pre-Admit/Referrals | Schedule | Persons | Practice | Billing | Reports | Administration | Inbox 133 | Settings

Back To Patient | Continuity of Care Record (CCR)  
(Pop ups need to be enabled to see these reports)

☐ Use Date Range

View/Print | Download

Continuity of Care Document (CCD)  
(Pop ups need to be enabled to see these reports)

View/Print | XML Download

Continuity of Care Document Ambulatory (CCDA)  
(Pop ups need to be enabled to see these reports)

Export | View/Print | Download | Transmit

Enter Recipient's Direct Address: wellformed@tppedge.sitenv.org | Send

SUCCESS



Back

From: drcloudehr-edge2015@directtest.interopengine.com  
To: wellformed@tppedge.sitenv.org  
Date: 1/30/24 8:18 am  
Subject: phiMail Test Message: Albertine Abba CCDA

A CCDA is attached for Albertine Abba

attachment1.xml >

Reply

Delete

Sign Out

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### 170.315(b)(6) Data export

HOME | CONSENT FORMS | FORM LETTERS | VISIT FORMS | VISITS | REPORTS | CCDA LOG | INBOX | BILLING | SIGNATURE ONLY FORMS | REFERRALS | DOCUMENTS | SETTINGS

View/Print | Download

Continuity of Care Document (CCD)  
(Pop ups need to be enabled to see these reports)

View/Print

Continuity of Care Document Ambulatory (CCDA)  
(Pop ups need to be enabled to see these reports)

Export | View/Print | Transmit

Clinical Visit: All Visits

View | Download | Transmit | Print | Save to Location

Recipient: Direct Address

Send

SUCCESS

Lab Test Results (collapse)

**170.315(h)(1) Direct Project**



[← Back](#)

From: drcloudehr-edge2015@directtest.interopengine.com  
To: wellformed@httpedge.sitenv.org  
Date: 1/30/24 8:28 am  
Subject: phiMail Test Message: Albertine Abba CCDA

A CCDA is attached for Albertine Abba

attachment1.xml >

Reply

Delete

[Sign Out](#)

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**170.315(c)(1) Record and export ,170.315(c)(2) Import and calculate and 170.315(c)(3) Report**

Tamper

Automated Measures (AMC)

CCBHC

CCBHC Dashboard

Download CCDA Report

Direct Messaging

CQM QRDA I Import

Quality Measures (CQM)

Report Results

Standard Measures

Report - Clinical Quality Measures (CQM) - 2018 - Date of Report: 2024-01-30 05:39:18  
 Target Date:    
 Rule Set: 2018 Clinical Quality Measures (CQM) ▼  
 Provider: Annie Admin ▼  
 Provider Relationship: Primary ▼

Title	Total Patients	Applicable Patients (Denominator)	Excluded Patients	Passed Patients (Numerator)	Failed Patients	Performance Percentage
Child and Adolescent Major Depressive Disorder (MDD): Suicide Risk Assessment( NQF:0104 )	112	10	0	9	1	90%
Adult Weight Screening and Follow-Up (CQM)( NQF:0421 )	112	10	0	9	1	90%
Childhood immunization Status (CQM)( NQF:0038 )	112	2	0	1	1	50%
Appropriate Testing for Children with Pharyngitis(V6) (CQM)( NQF:0002 )	112	10	0	9	1	90%
Falls: Screening, Risk-Assessment, and Plan of Care to Prevent Future Falls (CQM)( NQF:0101 )	112	10	0	9	1	90%
Oncology: Medical and Radiation – Pain Intensity Quantified (CQM)( NQF:0384 )	112	10	0	9	1	90%
Pneumonia Vaccination Status for Older Adults (CQM)( NQF:0043 )	112	10	0	9	1	90%
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention (CQM)( NQF:0028 ), Population Criteria 1, Numerator 1	112	11	0	10	1	91%
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention (CQM)( NQF:0028 ), Population Criteria 2, Numerator 2	112	10	0	10	0	100%
Preventive Care and Screening: Tobacco Use: Screening and Cessation Intervention (CQM)( NQF:0028 ), Population Criteria 3, Numerator 3	112	11	0	10	1	91%
Weight Assessment and Counseling for Children and Adolescents (CQM)( NQF:0024 ), Population Criteria 1,	112	21	0	19	2	90%



Automated Measures (AMC)

CCBHC

CCBHC Dashboard

Download CCDA Report

Direct Messaging

CQM QRDA I Import

## Import QRDA I

Upload QRDA I File: Choose File No file chosen

Import

Parsed Result:

Patient ID: 4229

Patient Name: John Doen

QRDA I Successfully parsed

## 170.315(f)(1) Transmission to immunization registries

### Z22 Profile Generation

Search Menu

Reports Home

Key Reports

Dashboard

Analytical Reports

Clients

Birthday List

Immunizations

Immunization Registry Version 2.0

### Report - Immunization Registry Version 2.0

Immunization From Date: 01/30/2024 Immunization To Date: 01/30/2024

Patient: Albertine Abba PID: 1288 External ID: 1288

Search

Records: 1

Patient ID	First Name	Last Name	Immunization Name (CVX/NDC)	Immunization Code (CVX/NDC)	Dose	Immunization Date	Provider	HL7 Z22 Profile Download
1288	Albertine	Abba	zoster	121	1	2024-01-30 15:04:46	Annie Admin	<a href="#">HL7</a>

Total Number of Immunizations : 1

### Z42 Profile Response

Dashboard

Analytical Reports

Clients

Birthday List

Immunizations

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

Import HL7 Z42 Profile(Response)

Import HL7 Z33 Profile(Response)

### Report - Import HL7 Z42 Profile

Upload HL7 Z42 Profile File: Choose File No file chosen

Import

Request Evaluated History and Forecast

Patient Details:

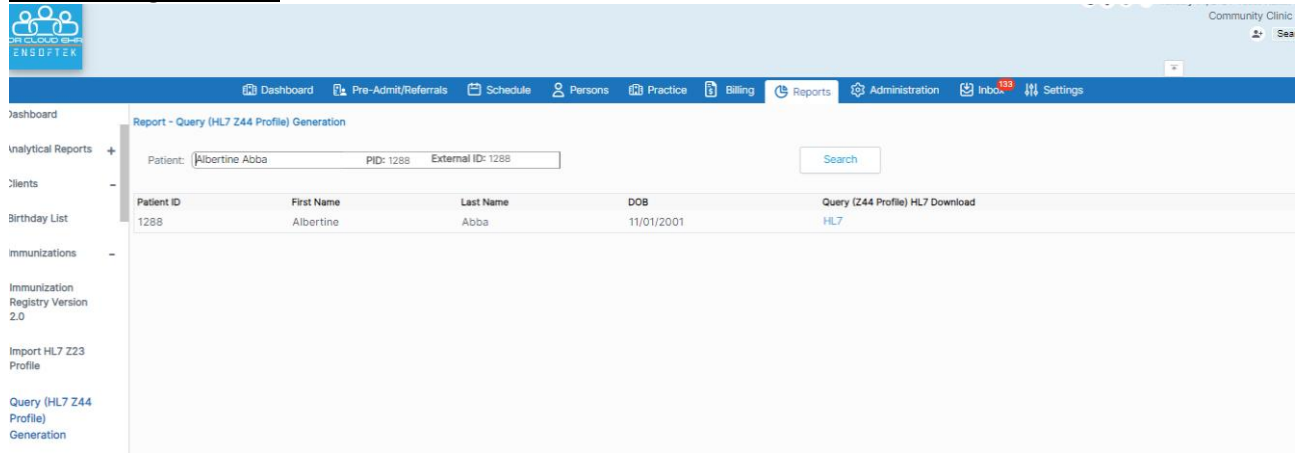
Patient Name	Patient ID	DOB	Gender	Address
Clement Stanley S	648286	1990-02-14	Male	1642 Bear Run, Bozeman, MT, 59715, USA

Immunization Details:

Immunization Date	Vaccine Administered	Vaccine Type	Immunization Schedule used	Dose Validity	Completion Status
2023-10-29	seasonal flu	influenza NOS	ACIP	Yes	Complete
2023-10-29	no vaccine admin	pcv NOS, influenza NOS, MMR, Hep A, Hep B, MCV, varicella, TDAP	ACIP		Complete

Vaccine Group	Due Date	Earliest Date To Give
pcv NOS	2060-01-01	2060-01-01
influenza NOS	2016-09-01	2016-09-01
MMR	1996-01-01	1996-01-01
Hep A	1996-01-01	1996-01-01

## Z44 Profile generation



Community Clinic

Dashboard Pre-Admit/Referrals Schedule Persons Practice Billing Reports Administration Inboxes 193 Settings

Report - Query (HL7 Z44 Profile) Generation

Patient: Albertine Abba PID: 1288 External ID: 1288 Search

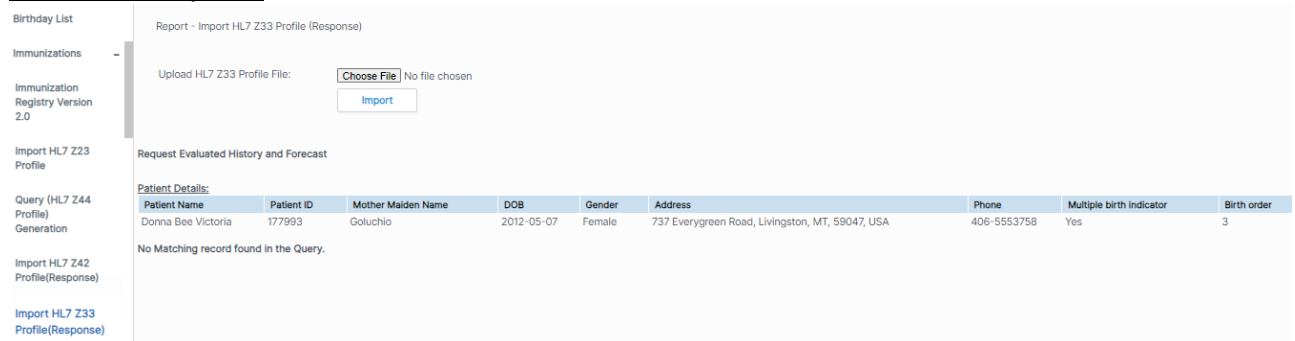
Patient ID	First Name	Last Name	DOB	Query (Z44 Profile) HL7 Download
1288	Albertine	Abba	11/01/2001	HL7

Immunization Registry Version 2.0

Import HL7 Z23 Profile

Query (HL7 Z44 Profile) Generation

## Z33 Profile Response



Report - Import HL7 Z33 Profile (Response)

Upload HL7 Z33 Profile File: Choose File No file chosen Import

Request Evaluated History and Forecast

Patient Details:

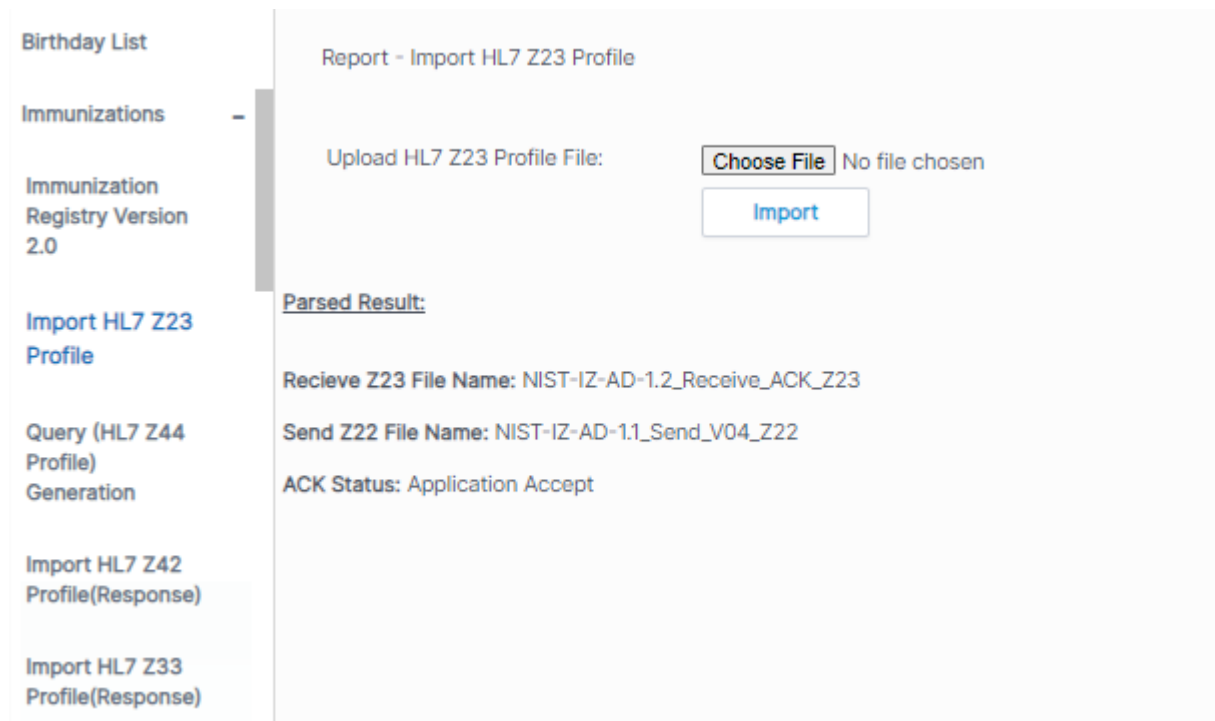
Patient Name	Patient ID	Mother Maiden Name	DOB	Gender	Address	Phone	Multiple birth indicator	Birth order
Donna Bee Victoria	177993	Goluchio	2012-05-07	Female	737 Everygreen Road, Livingston, MT, 59047, USA	406-5553758	Yes	3

No Matching record found in the Query.

Import HL7 Z42 Profile(Response)

Import HL7 Z33 Profile(Response)

## Z23 Profile Response



Report - Import HL7 Z23 Profile

Upload HL7 Z23 Profile File: Choose File No file chosen Import

Parsed Result:

Recieve Z23 File Name: NIST-IZ-AD-1.2\_Receive\_ACK\_Z23

Send Z22 File Name: NIST-IZ-AD-1.1\_Send\_V04\_Z22

ACK Status: Application Accept



**Discharge:**

- ▼ PH\_SS-Ack profiles

- ☒ 1.ADT\_A01
- ☒ 2.ACK\_A01
- ☒ 3.ADT\_A03
- ☒ 4.ACK\_A03
- ☒ 5.ADT\_A04
- ☒ 6.ACK\_A04
- ☒ 7.ADT\_A08
- ☒ 8.ACK\_A08

Validation
Report
Profile Viewer
Value Sets

Message Tree

- MSH[1]: Message Header R[1..1]
- EVN[1]: Event Type R[1..1]
- PID[1]: Patient Identification R[1..1]
- PV1[1]: Patient Visit R[1..1]
- OG1[1]: Diagnosis R[0..1]
- OBX[1]: Observation/Result R[1..1]
- OBX[2]: Observation/Result R[1..1]
- OBX[3]: Observation/Result R[1..1]
- OBX[4]: Observation/Result R[1..1]
- OBX[5]: Observation/Result R[1..1]
- OBX[6]: Observation/Result R[1..1]

Message Content

Validate
Load Example
Browse
Download
Clear

```

1 MSH|^~\&||ShrmMdwstMedCtr^1231231236^NPI||201002010830||ADT^A03^ADT_A03|NIST-SS-003.31|P|2.5.1||AL||||PH_SS-Ad
2 EVN|201002010825||ShrmMdwstMedCtr^1231231236^NPI
3 PID|1|3333||ShrmMdwstMedCtr^1231231236^NPI^MR|||2106-3^White_CDCREC-1002-5^American Ir
4 PV1|1|E||||3333-001||ShrmMdwstMedCtr^1231231236^NPI^VN|||||09||||201002010730|201002010825
5 DG1|1|242983002^Accidental exposure to carbon monoxide^SCT||F
6 OBX|1|CWE|SS003^Facility/Visit Type^PHINQUESTION|261QE0002X^Emergency Care^HCPTNUCC||||F
7 OBX|2|NM|21612-7^Age at Time Patient Reported^LN|70^year^UCUM|||F
8 OBX|3|TX|8661-1^Chief complaint:Find:Pt:Patient:Nom:Reported^LN|A headache, nausea, and dizziness||||F
9 OBX|4|NM|8302-2^Height^LN|65|in^us^inch^UCUM|||F
10 OBX|5|NM|3443-5^Weight^LN|170|lb^av^pound^UCUM|||F
11 OBX|6|CWE|72166-2^Tobacco Smoking Status^LN|428061000124105^Current Light tobacco smoker^SCT||||F

```

Message Validation Results
Help

0 Errors

8 Warnings

8 Alerts

No errors found.

Remove Duplicates
Report