Immunization

2015-08-27 10:48:26

1. Administration Group
1.1. TC-1
1.1.1. Send administration message
1.1.2. Consume acknowledgement message
1.2. TC-2
1.2.1. Send administration message
1.2.2. Consume acknowledgement message
1.3. TC-3
1.3.1. Send administration message
1.3.2. Consume acknowledgement message
<u>1.4. TC-4</u>
1.4.1. Send administration message
1.4.2. Consume acknowledgement message
1.5. TC-5
1.5.1. Send administration message
1.5.2. Consume acknowledgement message
<u>1.6. TC-6</u>
1.6.1. Send administration message
1.6.2. Consume acknowledgement message
<u>1.7. TC-7</u>
1.7.1. Send administration message
1.7.2. Consume acknowledgement message
<u>1.8. TC-8</u>
1.8.1. Send administration message
1.8.2. Consume acknowledgement message
1.9. TC-9
1.9.1. Send administration message
1.9.2. Consume acknowledgement message
1.10. TC-10
1.10.1. Send administration message
1.10.2. Consume acknowledgement message
1.11. TC-11
1.11.1. Send administration message
1.11.2. Consume acknowledgement message
2. Evaluated History and Forecast Group
2.1. Q R TC-1
2.1.1. send query

- 2.1.2. Send response
- 2.2. Q R TC-2
 - **2.2.1. Send query**
 - 2.2.2. return response
- 2.3. Q R TC-3
 - 2.3.1. Send Query expecting no match
 - 2.3.2. Response where no matches were found
- 2.4. Q R TC-4
 - 2.4.1. Query that finds too many matches
 - 2.4.2. Response with too many matches

1. Administration Group

No Description

1.1. TC-1

Maximally populated child administration

Test Story

No Note

Descrij	
	s seen at a clinic. Historical vaccinations are recorded and new vaccines are tered and documented.
Comm	ents
No Comments	S
PreCo	ndition———————————————————————————————————
No PreCondit	ion
PostCo	ondition———————————————————————————————————
No PostCondi	ition
Test O	bjectives
	assesses the ability of the EHR to create an administration message containing historical and new administrations for a child t of kin, patient consent, VIS, funding source and VFC data.
Twoluo	ation Criteria
valua	tion Criteria
NI= = 1 - 1	n criteria
uno evaluation	

1			

1.1.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Description

Matas to Tastans

A two month old male infant, Russell Clinton Richardson, is brought to the West Clinic for a well child visit by his mother Maria Elizabeth Richardson (nee Billington) and his father John William Richardson. A clinic staff member collects basic patient demographic information including name, date of birth and sex. A clinic provider, Wilma Thomas (physician ID 654) reviews the patient's vaccination history and determines that the child previously received Hepatitis B vaccine 1 day after birth and 1 month after birth. The staff member determines that the patient needs DTaP, Hib, IPV, Rotavirus and Pneumococcal vaccinations. Because of the patient's status of Native American, he qualifies for all Vaccine For Children (VFC) supplied vaccines under the status of VFC eligible – American Indian/Alaska Native. The parents are given 5 Vaccine Information Sheets (VIS) to review. After reading them, they agree that the child should receive all the vaccinations recommended. They also agree that the data should be shared once it is incorporated into the local IIS. Appropriate doses of DTaP/Hib/IPV (Pentacel), Rotavirus (RotaTeq) and Pneumococcal (Prevnar 13) are selected from the clinic's stock of publically funded vaccines. A clinician, Lily lackson (ID 7824) prepares and administers the doses to the patient and then enters the data into the EHR and transmits it to the IIS.

Jackson (1D 7024) prepares and administers the doses to the patient	and their enters the data into the Little and transmits it to the fig.
Comments	
Comments	
No Comments	
PreCondition————	
1 recondition	
No PreCondition	
PostCondition————	
No PostCondition	
Test Objectives————	
No Test Objectives	
To Test Objectives	
Evaluation Criteria————	
No evaluation criteria	
I—————————————————————————————————————	

No Note

Message Contents

MSH	:	Message	Header
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Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	wcApp	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	issApp	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624073733.994-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	12462	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		

MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	wcEHR	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		
MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	IIIS	
	O 1 Summe utility	113	
MSH.23.6	Assigning Authority		
MSH.23.6 MSH.23.6.1	-		
	Assigning Authority		
MSH.23.6.1	Assigning Authority Namespace ID		
MSH.23.6.1 MSH.23.6.2	Assigning Authority Namespace ID Universal ID		

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	3123	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Richardson	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Russell	
PID.5.3	Second and Further Given Names or Initials Thereof	Clint	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname	Billington	
PID.6.1.2	Own Surname Prefix		
PID.6.1.3	Own Surname		

PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		
PID.6.7	Name Type Code	M	
PID.7	Date/Time of Birth		
PID.7.1	Time	20150415	
PID.8	Administrative Sex	M	
PID.10	Race		
PID.10.1	Identifier	1002-5	
PID.10.2	Text	American Indian or Alaska Native	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	543 Blount Drive	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5557690	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	07	
PD1.11.2	Text	Recall only - no calls	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	N	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20150415	
PD1.18	Publicity Code Effective Date	20150624	

-NK1[*]-

-NK1 : Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Richardson	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	Maria	
NK1.2.3	Second and Further Given Names or Initials Thereof	Elizabeth	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	MTH	
NK1.3.2	Text	Mother	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	543 Blount Drive	

NK1:4:1:3	Street Name Dwelling Number		
NK1.4.2	Other Designation		
NK1.4.3	City	Bozeman	
NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5 NK1.5.2	Phone Number Telecommunication Use Code	PRN	
	Telecommunication	PRN PH	
NK1.5.2	Telecommunication Use Code Telecommunication		
NK1.5.2 NK1.5.3	Telecommunication Use Code Telecommunication Equipment Type		

NK1 : Next of Kin / Associated Parties

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	2	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Richardson	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	John	
NK1.2.3	Second and Further Given Names or Initials Thereof	William	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	FTH	
NK1.3.2	Text	Father	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	543 Blount Drive	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		
NK1.4.3	City	Bozeman	

NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	СР	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5558299	

ORC[*]

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	3140	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	38766	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		

ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	8681	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	65138	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		

I .	T. Control of the Con		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		

ORC.2.1	Entity Identifier	7491
ORC.2.1	Namespace ID	wcEHR
	Universal ID	WCERK
ORC.2.3		
ORC.2.4	Universal ID Type	
ORC.3	Filler Order Number	
ORC.3.1	Entity Identifier	79539
ORC.3.2	Namespace ID	wcEHR
ORC.3.3	Universal ID	
ORC.3.4	Universal ID Type	
ORC.10	Entered By	
ORC.10.1	ID Number	7824
ORC.10.2	Family Name	
ORC.10.2.1	Surname	Jackson
ORC.10.2.2	Own Surname Prefix	
ORC.10.2.3	Own Surname	
ORC.10.2.4	Surname Prefix From Partner/Spouse	
ORC.10.2.5	Surname From Partner/Spouse	
ORC.10.3	Given Name	Lily
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne
ORC.10.9	Assigning Authority	
ORC.10.9.1	Namespace ID	wcEHR
ORC.10.9.2	Universal ID	
ORC.10.9.3	Universal ID Type	
ORC.10.10	Name Type Code	L
ORC.10.12	Check Digit Scheme	
ORC.10.13	Identifier Type Code	PRN
ORC.12	Ordering Provider	
ORC.12.1	ID Number	654
ORC.12.2	Family Name	
ORC.12.2.1	Surname	Thomas
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
	-	

ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	9077	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	31528	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number		
ORC.12.2	Family Name		
ORC.12.2.1	Surname		
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		

ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name		
ORC.12.4	Second and Further Given Names or Initials Thereof		
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID		
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code		
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code		
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	299	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	82668	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or	Suzanne	

	Initials Thereof	
ORC.10.9	Assigning Authority	
ORC.10.9.1	Namespace ID	wcEHR
ORC.10.9.2	Universal ID	
ORC.10.9.3	Universal ID Type	
ORC.10.10	Name Type Code	L
ORC.10.12	Check Digit Scheme	
ORC.10.13	Identifier Type Code	PRN
ORC.12	Ordering Provider	
ORC.12.1	ID Number	
ORC.12.2	Family Name	
ORC.12.2.1	Surname	
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	
ORC.12.4	Second and Further Given Names or Initials Thereof	
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

RXA[*]

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
	I	I	

RXA.5.1	Identifier	49281-0560-05
RXA.5.2	Text	Pentacel
RXA.5.3	Name of Coding System	NDC
RXA.5.5	Alternate Text	
RXA.5.6	Name of Alternate Coding System	
RXA.6	Administered Amount	0.5
RXA.7	Administered Units	
RXA.7.1	Identifier	mL
RXA.7.2	Text	mL
RXA.7.3	Name of Coding System	UCUM
RXA.7.5	Alternate Text	
RXA.7.6	Name of Alternate Coding System	
RXA.9	Administration Notes	
RXA.9.1	Identifier	00
RXA.9.2	Text	New Record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	7824
RXA.10.2	Family Name	
RXA.10.2.1	Surname	Jackson
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	Lily
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	wcEHR
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	L
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	PRN
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	wcEHR
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.15	Substance Lot Number	526434
RXA.16	Substance Expiration	

	Date		
RXA.16.1	Time	20150722	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	SKB	
RXA.17.2	Text	GlaxoSmithKline	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	CP	
RXA.21	Action Code - RXA	A	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	00006-4047-20	
RXA.5.2	Text	RotaTeq	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	2.0	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	

RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	297961	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20150916	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	MSD	
RXA.17.2	Text	Merck and Co., Inc.	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		

RXA.20	Completion Status	CP	
RXA.21	Action Code - RXA	A	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	00005-1971-01	
RXA.5.2	Text	Prevnar 13	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	

Assigning Authority Namespace ID	wcEHR	
Universal ID		
Universal ID Type		
Name Type Code	L	
Check Digit Scheme		
Identifier Type Code	PRN	
Administered-at Location		
Facility		
Namespace ID	wcEHR	
Universal ID		
Universal ID Type		
Substance Lot Number	353480	
Substance Expiration Date		
Time	20150729	
Substance Manufacturer Name		
Identifier	PFR	
Text	Pfizer, Inc	
Name of Coding		
System	MVX	
	MVX	
System	MVX	
System Alternate Text Name of Alternate	MVX	
System Alternate Text Name of Alternate Coding System Substance/Treatment	MVX	
System Alternate Text Name of Alternate Coding System Substance/Treatment Refusal Reason	MVX	
System Alternate Text Name of Alternate Coding System Substance/Treatment Refusal Reason Identifier	MVX	
System Alternate Text Name of Alternate Coding System Substance/Treatment Refusal Reason Identifier Text Name of Coding	MVX	
System Alternate Text Name of Alternate Coding System Substance/Treatment Refusal Reason Identifier Text Name of Coding System	MVX	
System Alternate Text Name of Alternate Coding System Substance/Treatment Refusal Reason Identifier Text Name of Coding System Alternate Text Name of Alternate	MVX CP	
	Universal ID Universal ID Type Name Type Code Check Digit Scheme Identifier Type Code Administered-at Location Facility Namespace ID Universal ID Universal ID Type Substance Lot Number Substance Expiration Date Time Substance Manufacturer Name Identifier Text	Universal ID Universal ID Type Name Type Code Check Digit Scheme Identifier Type Code PRN Administered-at Location Facility Namespace ID Universal ID Universal ID Type Substance Lot Number Substance Expiration Date Time 20150729 Substance Manufacturer Name Identifier PFR Text Pfizer, Inc

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150416	
RXA.5	Administered Code		
RXA.5.1	Identifier	45	
RXA.5.2	Text	Hep B, unspecified formulation	
RXA.5.3	Name of Coding System	CVX	

RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number		
RXA.16	Substance Expiration Date		
RXA.16.1	Time		
RXA.17	Substance Manufacturer Name		

RXA.17.1	Identifier		
RXA.17.2	Text		
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150515	
RXA.5	Administered Code		
RXA.5.1	Identifier	45	
RXA.5.2	Text	Hep B, unspecified formulation	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		

RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.15	Substance Lot Number	
RXA.16	Substance Expiration Date	
RXA.16.1	Time	
RXA.17	Substance Manufacturer Name	
RXA.17.1	Identifier	
RXA.17.2	Text	
RXA.17.3	Name of Coding System	
RXA.17.5	Alternate Text	
RXA.17.6	Name of Alternate Coding System	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	СР
RXA.21	Action Code - RXA	A

-RXR[*]-

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RT	
RXR.2.2	Text	Right Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C38288	
RXR.1.2	Text	Oral	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier		
RXR.2.2	Text		
RXR.2.3	Name of Coding System		
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-RXR : Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	

RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	LT	
RXR.2.2	Text	Left Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

OBX[*]

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		

OBX.17.6	Name of Alternate	
	Q 1: Q	
	Coding System	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		

I	1		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	5	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization

OBX.1	Set ID - OBX	6	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	7	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	8	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		

OBX.17.6	Name of Alternate
	Coding System

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	

OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
	Date/Time of the		

OBX.14	Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text	Text	
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	Observation Result Status F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text	t	
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location Data Element	Data	Categorization
------------------------------	------	----------------

OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	Observation Result Status F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		

OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	lue Type CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units	Jnits	
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method	Observation Method	
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		

OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text	Text	
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	Observation Result Status F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Test Data Specification

Patient Information

Element	Data
Patient Name	Russell Clint Richardson
Mother's Maiden Name	Billington
ID Number	3123
Date/Time of Birth	04/15/2015
Administrative Sex	Male
Patient Address	543 Blount Drive Bozeman MT 59715 USA
Local Number	(406)555-7690
Race	American Indian or Alaska Native
Ethnic Group	Not Hispanic or Latino
Birth Order	1

-Immunization Registry Information-

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	04/15/2015
Publicity Code	Recall only - no calls
Publicity Code Effective Date	06/24/2015
Protection Indicator	No
Protection Indicator Effective Date	06/24/2015

Guardian or Responsible Party-

Element	Data
Name	Maria Elizabeth Richardson
Relationship	Mother
Address	543 Blount Drive Bozeman MT 59715 USA
Phone Number	(406)555-7690

Guardian or Responsible Party-

Element	Data
Name	John William Richardson
Relationship	Father
Address	543 Blount Drive Bozeman MT 59715 USA
Phone Number	(406)555-8299

Element	Data
Administered Code	Pentacel
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	526434
Substance Expiration Date	07/22/2015
Substance Manufacturer Name	GlaxoSmithKline
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Right Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

-Observations-

Element	Data
Vaccine Funding Source	Public
Vaccine Funding Program Eligibility	VFC Eligible - American Indian/Alaska Native
Document Type	Polio VIS
Date Vis Presented	
Document Type	Hepatitis B VIS
Date Vis Presented	
Document Type	Diphtheria/Tetanus/Pertussis (DTaP) VIS
Date Vis Presented	

Element	Data
Administered Code	RotaTeq
Date/Time Start of Administration	06/24/2015
Administered Amount	2.0
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	297961
Substance Expiration Date	09/16/2015
Substance Manufacturer Name	Merck and Co., Inc.
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Oral
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Public
Vaccine Funding Program Eligibility	VFC Eligible - American Indian/Alaska Native
Document Type	Rotavirus VIS
Date Vis Presented	

Element	Data
Administered Code	Prevnar 13
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	353480
Substance Expiration Date	07/29/2015
Substance Manufacturer Name	Pfizer, Inc
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Left Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

-Observations-

Element	Data
Vaccine Funding Source	Public
Vaccine Funding Program Eligibility	VFC Eligible - American Indian/Alaska Native
Document Type	Pneumococcal Conjugate (PCV13) VIS
Date Vis Presented	

Element	Data
Administered Code	Hep B, unspecified formulation
Date/Time Start of Administration	04/16/2015
Administered Amount	999
Administered Units	
Administration Notes	Historical Administration
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	СР
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

-Vaccine Administration Information-

Element	Data
Administered Code	Hep B, unspecified formulation
Date/Time Start of Administration	05/15/2015
Administered Amount	999
Administered Units	
Administration Notes	Historical Administration
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

1.1.2. Consume acknowledgement message

Tests the ability to consume a valid ACK message

Test Story

The IIS	returns a positive acknowledgement message indicating that no errors were found during the course of filing the message.
70.00	
االار	nments
No Cor	mments
INO COI	inicitis
Pre	Condition———————————————————————————————————
A V	KU message is generated by the EHR.
Post	Condition———————————————————————————————————
No Pos	tCondition
Fest	Objectives
	Objectives
No Tes	t Objectives
Eva	luation Criteria————————————————————————————————————
The acl	knowledgement message is consumed by the system responsible for the content of the administration message without error.
Vot	es to Testers
100	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624073734.034-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	23628	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

·	
Identifier Type Code	
Organization Identifier	
Receiving Responsible Organization	
Organization Name	wcEHR
Assigning Authority	
Namespace ID	
Universal ID	
Universal ID Type	
Identifier Type Code	
Organization Identifier	
	Organization Identifier Receiving Responsible Organization Organization Name Assigning Authority Namespace ID Universal ID Universal ID Type Identifier Type Code

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	12462	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-1	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
	Pass	Fail
Inspection Settlement (Pass/Fail)		
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.2. TC-2

Adult administration

	n at a clinic. Historical vaccinations are recorded and new vaccines ed and documented.
Comments-	
No Comments	
D C 11/1	
PreCondition	on ————————————————————————————————————
No PreCondition	
1	
PostConditi	on
PostConditi	on
1	on
PostConditi	on
PostConditi	
PostCondition No PostCondition	
PostCondition No PostCondition Test Object This test case assesses th	ives e ability of the EHR to create an administration message for an adult containing historical and new administrations
PostCondition No PostCondition Test Object	ives e ability of the EHR to create an administration message for an adult containing historical and new administrations
PostCondition No PostCondition Test Object This test case assesses the including VIS and not eliminate the condition of th	ives e ability of the EHR to create an administration message for an adult containing historical and new administrations gible VFC.
PostCondition No PostCondition Test Object This test case assesses the including VIS and not eliminate the condition of th	ives e ability of the EHR to create an administration message for an adult containing historical and new administrations gible VFC.
PostCondition No PostCondition Test Object This test case assesses th	ives e ability of the EHR to create an administration message for an adult containing historical and new administrations gible VFC.

Notes to Testers

No Note

1			

1.2.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Evaluation Criteria

No evaluation criteria

A 32 year old female, Elise Wong, visits the West Clinic for a well woman visit. A clinic staff member collects basic patient demographic information including name, date of birth and s.c. A clinic provider, Wilma Thomas (physician ID 654) reviews the patient's vaccination history and determines that Elise has received her influenza vaccinations on 101/22014 and 11/12/2013, but is in need of a tetamis booster. Because of the patient's age she does not qualify for Vaccine For Children (VFC) supplied vaccine. Elise is given the appropriate Vaccine Information Sheet (VIS) to review. After reading it, she agrees to receive the recommended vaccination. She also agrees that the data should shared once it is incorporated into the local IIS. An appropriate dose of Tdap (TENIVAC) is selected from the clinic's stock of privately fund vaccines. A clinician, Lily Jackson (ID 7824) prepares and administers the doses to the patient and then enters the data into the EHR and transmits it to the IIS. **Comments** **PreCondition** PostCondition** No PreCondition** **No PreCondition** No PostCondition** **No PostCondition** **No Test Objectives** No Test Objectives**	Descripti	
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives	information includ history and determ Because of the pat Information Sheet shared once it is in vaccines. A clinici	ing name, date of birth and sex. A clinic provider, Wilma Thomas (physician ID 654) reviews the patient's vaccination ines that Elise has received her influenza vaccinations on 10/12/2014 and 11/12/2013, but is in need of a tetanus booster. ient's age she does not qualify for Vaccine For Children (VFC) supplied vaccine. Elise is given the appropriate Vaccine (VIS) to review. After reading it, she agrees to receive the recommended vaccination. She also agrees that the data should corporated into the local IIS. An appropriate dose of Tdap (TENIVAC) is selected from the clinic's stock of privately fund an, Lily Jackson (ID 7824) prepares and administers the doses to the patient and then enters the data into the EHR and
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives		
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives	~	
PreCondition No PreCondition PostCondition No PostCondition Test Objectives	Commen	its————————————————————————————————————
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives		
PostCondition No PostCondition No PostCondition Test Objectives	No Comments	
PostCondition No PostCondition No PostCondition Test Objectives		
PostCondition No PostCondition No PostCondition Fest Objectives		
PostCondition No PostCondition Fest Objectives		
PostCondition No PostCondition Fest Objectives	PreCond	ition———————————————————————————————————
No PostCondition Fest Objectives	PreCond	ition ————————————————————————————————————
No PostCondition Fest Objectives		ition —
No PostCondition Fest Objectives		ition———————————————————————————————————
No PostCondition Fest Objectives		ition ————————————————————————————————————
Γest Objectives	No PreCondition	
Γest Objectives	No PreCondition	
	No PreCondition	
	No PreCondition PostCone	
	No PreCondition PostCone	
	No PreCondition PostCone	
No Test Objectives	No PreCondition PostCond No PostCondition	dition
No Test Objectives	No PreCondition PostCond No PostCondition	dition
	No PreCondition PostCond No PostCondition	dition

Notes to Testers

No Note

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624084727.655-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	72268	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

	1	
MSH.21.4	Universal ID Type	
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	wcEHR
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	IIS
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	90012	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Wong	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Elise	
PID.5.3	Second and Further Given Names or Initials Thereof		
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		

PID.6.1.4 Surname Profix From Partner/Spouse	PID.6.1.3	Own Surname		
PID.6.7 Name Type Code	PID.6.1.4			
PID.71	PID.6.1.5			
PID.7.1 Time	PID.6.7	Name Type Code		
PID.10 Race	PID.7	Date/Time of Birth		
PID.10	PID.7.1	Time	19830615	
PID.10.1 Identifier 2028-9 PID.10.2 Text	PID.8	Administrative Sex	F	
PID.10.2 Text	PID.10	Race		
PID.10.3 Name of Coding System PID.10.5 Alternate Text	PID.10.1	Identifier	2028-9	
PID.10.5	PID.10.2	Text	Asian	
PID.10.5	PID.10.3	Name of Coding System	CDCREC	
PID.10 Patient Address PID.11.1 Street Address PID.11.1.1 Street or Mailing Address PID.11.1.2 Street Name PID.11.1.3 Dwelling Number PID.11.3 City Bozeman PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Use Equipment Type PID.13.4 Email Address PID.13.6 Area/City Code 406 PID.13.7 Local Number PID.13.8 Telecommunication Use Code PID.13.9 Phone Number - Home PID.13.1 Email Address PID.13.1 Email Address PID.13.2 Email Address PID.13.3 Phone Number - Home PID.13.4 Email Address PID.13.5 Phone Number - Home PID.13.6 Area/City Code 406 PID.13.7 Local Number PID.13.8 Phone Number - Home PID.13.9 Pione Number - Home PID.13.1 Elecommunication Use Code PID.13.1 Telecommunication Use Code PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Use Code PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System PID.22.5 Alternate Coding System	PID.10.5			
PID.11 Patient Address PID.11.1.1 Street Address PID.11.1.2 Street or Mailing Address PID.11.1.3 Dwelling Number PID.11.2 Other Designation PID.11.3 City Bozeman PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code Code Code PRN PID.13.4 Email Address PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Use Code PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.7 Local Number PID.22 PID.33 Telec	PID.10.6			
PID.11.1.1 Street or Mailing Address 9200 Wellington Trail PID.11.1.2 Street Name PID.11.1.3 PID.11.3 Dwelling Number PID.11.3 PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code PRN PID.13.3 Telecommunication Use Equipment Type PH PID.13.4 Email Address PH PID.13.6 Area/City Code 406 PID.13 Phone Number - Home PT PID.13 Phone Number - Home NET PID.13.3 Telecommunication Use Code NET PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22 Ethnic Group	PID.11	Patient Address		
PID.11.1.1 Street or Mailing Address 9200 Wellington Trail PID.11.1.2 Street Name PID.11.1.3 PID.11.3 Dwelling Number PID.11.3 PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code PRN PID.13.3 Telecommunication Use Equipment Type PH PID.13.4 Email Address PH PID.13.6 Area/City Code 406 PID.13 Phone Number - Home PT PID.13 Phone Number - Home NET PID.13.3 Telecommunication Use Code NET PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22 Ethnic Group	PID.11.1			
PID.11.1.3 Dwelling Number PID.11.2 Other Designation PID.11.3 City Bozeman PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code Code PRN PID.13.3 Telecommunication Equipment Type PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home NET PID.13.3 Telecommunication Use Code NET PID.13.3 Telecommunication Use Code NET PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5	PID.11.1.1		9200 Wellington Trail	
PID.11.2 Other Designation PID.11.3 City Bozeman PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code Code PRN PID.13.3 Telecommunication Use Code PID.13.4 Email Address PID.13.7 Local Number 5557896 PID.13 Phone Number - Home PID.13 Telecommunication Use Code Code NET PID.13.1 Telecommunication Use Code PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Use Code PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.22 PID.22 Ethnic Group PID.22. PID.22.1 Identifier	PID.11.1.2	Street Name		
PID.11.2 Other Designation	PID.11.1.3	Dwelling Number		
PID.11.3 City Bozeman PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code Code PH PH PID.13.3 Email Address PH PID.13.4 Email Address PH PID.13.7 Local Number 5557896 PID.13 Phone Number - Home NET PID.13.2 Telecommunication Use Code NET PID.13.3 Telecommunication Use Code NET PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.7 Local Number PID.22 PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.5 Alternate Text	PID.11.2			
PID.11.4 State or Province MT PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code PRN PID.13.3 Telecommunication Equipment Type PH PID.13.4 Email Address PH PID.13.6 Area/City Code 406 PID.13 Phone Number - Home PID.13 PID.13 Phone Number - Home NET PID.13.2 Telecommunication Use Code NET PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.5 Alternate Text <td>PID.11.3</td> <td>+</td> <td>Bozeman</td> <td></td>	PID.11.3	+	Bozeman	
PID.11.5 Zip or Postal Code 59715 PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code PRN PID.13.3 Telecommunication Equipment Type PH PID.13.4 Email Address PH PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home NET PID.13.2 Telecommunication Use Code NET PID.13.3 Telecommunication Equipment Type Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 PID.13.7 Local Number PID.22 PID.22 Ethnic Group PID.22.1 PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.6 Name of Alternate Cod	PID.11.4	-	MT	
PID.11.6 Country USA PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code PRN PID.13.3 Telecommunication Equipment Type PH PID.13.4 Email Address PH PID.13.6 Area/City Code 406 PID.13.7 Local Number - Home PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code Code NET PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.6 Name of Alternate Coding System			59715	
PID.11.7 Address Type P PID.13 Phone Number - Home PRN PID.13.2 Telecommunication Use Code PRN PID.13.3 Telecommunication Equipment Type PH PID.13.4 Email Address PH PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code Code NET PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.6 Name of Alternate Coding System				
PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System		-		
PID.13.2 Telecommunication Use Code				
PID.13.3 Telecommunication Equipment Type PH PID.13.4 Email Address 406 PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home NET PID.13.2 Telecommunication Use Code NET PID.13.3 Telecommunication Equipment Type Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code Elise.Wong@isp.com PID.13.7 Local Number PID.22 PID.22 Ethnic Group 2186-5 PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text Name of Alternate Coding System		Telecommunication Use	PRN	
PID.13.6 Area/City Code 406 PID.13.7 Local Number 5557896 PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code NET PID.13.3 Telecommunication Equipment Type Elise.Wong@isp.com PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.3		PH	
PID.13.7 Local Number 5557896 PID.13 Phone Number - Home PID.13.2 Telecommunication Use Code NET PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.4	Email Address		
PID.13.2 Phone Number - Home PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.6	Area/City Code	406	
PID.13.2 Telecommunication Use Code PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.7	Local Number	5557896	
PID.13.2 Code PID.13.3 Telecommunication Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13	Phone Number - Home		
PID.13.3 Equipment Type PID.13.4 Email Address Elise.Wong@isp.com PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.2		NET	
PID.13.6 Area/City Code PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.3			
PID.13.7 Local Number PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.4	Email Address	Elise.Wong@isp.com	
PID.22 Ethnic Group PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System				
PID.22.1 Identifier 2186-5 PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.6	Area/City Code		
PID.22.2 Text Not Hispanic or Latino PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System				
PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.7	Local Number		
PID.22.3 Name of Coding System CDCREC PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.7 PID.22	Local Number Ethnic Group	2186-5	
PID.22.5 Alternate Text PID.22.6 Name of Alternate Coding System	PID.13.7 PID.22 PID.22.1	Local Number Ethnic Group Identifier		
PID.22.6 Name of Alternate Coding System	PID.13.7 PID.22 PID.22.1 PID.22.2	Local Number Ethnic Group Identifier Text	Not Hispanic or Latino	
	PID.13.7 PID.22 PID.22.1 PID.22.2 PID.22.3	Local Number Ethnic Group Identifier Text Name of Coding System	Not Hispanic or Latino	
PID.24 Multiple Birth Indicator N	PID.13.7 PID.22 PID.22.1 PID.22.2 PID.22.3 PID.22.5	Local Number Ethnic Group Identifier Text Name of Coding System Alternate Text Name of Alternate	Not Hispanic or Latino	

PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	02	
PD1.11.2	Text	Reminder/recall - any method	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	N	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	19830615	
PD1.18	Publicity Code Effective Date	20150624	

ORC[*]-

ORC : Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	4422	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	13696	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
	Surname Prefix		

ORC.10.2.4	From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	6139	
ORC.2.2	Namespace ID	wcEHR	

ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	38760	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number		
ORC.12.2	Family Name		
ORC.12.2.1	Surname		
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name		
ORC.12.4	Second and Further Given Names or Initials Thereof		
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID		
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code		
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code		
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
	<u> </u>	I	

ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	7600	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	35508	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number		
ORC.12.2	Family Name		
ORC.12.2.1	Surname		
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		

ORC.12.2.5	Partner/Spouse	
ORC.12.3	Given Name	
ORC.12.4	Second and Further Given Names or Initials Thereof	
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA[*]-

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	49281-0215-88	
RXA.5.2	Text	TENIVAC	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		

RXA:3:1	Identifier Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	315841	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20151216	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	PMC	
RXA.17.2	Text	Sanofi Pasteur	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5			
IXAA.17.J	Alternate Text		
RXA.17.6	Alternate Text Name of Alternate Coding System		
	Name of Alternate		
RXA.17.6	Name of Alternate Coding System Substance/Treatment		
RXA.17.6 RXA.18	Name of Alternate Coding System Substance/Treatment Refusal Reason		
RXA.17.6 RXA.18 RXA.18.1	Name of Alternate Coding System Substance/Treatment Refusal Reason Identifier		

RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20141012	
RXA.5	Administered Code		
RXA.5.1	Identifier	88	
RXA.5.2	Text	influenza, unspecified formulation	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
	Second and Further		

RXA.10.4	Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number		
RXA.16	Substance Expiration Date		
RXA.16.1	Time		
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier		
RXA.17.2	Text		
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20131112	
RXA.5	Administered Code		
RXA.5.1	Identifier	88	
		influenza, unspecified	

RXA.5.2	Text	formulation	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number		
	Substance Expiration		

RXA.16.1 RXA.17	Time Substance Manufacturer Name		
RXA.17.1	Identifier		
RXA.17.2	Text		
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

-RXR : Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RD	
RXR.2.2	Text	Right Deltoid	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

OBX[*]-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	

OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	PHC70	
OBX.5.2	Text	Private	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	

OBX.5	Observation Value		
OBX.5.1	Identifier	V01	
OBX.5.2	Text	Not VFC Eligible	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	253088698300028811150	224
OBX.5.2	Text	Tetanus/Diphtheria (Td) VIS	
OBX.5.3	Name of Coding System	cdcgs1vis	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate		

	Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		

OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

Test Data Specification

Patient	Infor	mation [.]
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Element	Data
Patient Name	Elise Wong
Mother's Maiden Name	
ID Number	90012
Date/Time of Birth	06/15/1983
Administrative Sex	Female
Patient Address	9200 Wellington Trail Bozeman MT 59715 USA
Local Number	(406)555-7896
Email	Elise.Wong@isp.com
Race	Asian
Ethnic Group	Not Hispanic or Latino
Birth Order	1

-Immunization Registry Information-

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	06/15/1983
Publicity Code	Reminder/recall - any method
Publicity Code Effective Date	06/24/2015
Protection Indicator	No
Protection Indicator Effective Date	06/24/2015

Element	Data
Administered Code	TENIVAC
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	315841
Substance Expiration Date	12/16/2015
Substance Manufacturer Name	Sanofi Pasteur
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Right Deltoid
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

-Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Tetanus/Diphtheria (Td) VIS
Date Vis Presented	

Element	Data
Administered Code	influenza, unspecified formulation
Date/Time Start of Administration	10/12/2014
Administered Amount	999
Administered Units	
Administration Notes	Historical Administration
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

-Vaccine Administration Information-

Element	Data
Administered Code	influenza, unspecified formulation
Date/Time Start of Administration	11/12/2013
Administered Amount	999
Administered Units	
Administration Notes	Historical Administration
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	СР
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

1.2.2. Consume acknowledgement message

Tests the ability to consume a valid ACK message

Test Story

_	tion————————————————————————————————————	
The IIS returns	a positive acknowledgement message indicating that no errors were found during the course of filing the message.	
7		
Comme	nts	
No Comments		
PreCon	dition—————	
recon		
Λ \/ \	essage is generated by the EHR.	
AVAUII	essage is generated by the EHR.	
PostCo	ndition	
PostCo	ndition	
No PostConditi	on	
No PostConditi		
No PostConditi	jectives	
No PostConditi	jectives ves ion Criteria	
No PostCondition Fest Ok No Test Object Evaluat The acknowled	jectives ves ion Criteria gement message is consumed by the system responsible for the content of the administration message without error.	
No PostCondition Fest Ok No Test Object Evaluat The acknowled	jectives ves ion Criteria	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624084727.669-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	74602	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	wcEHR	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	72268	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-2	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
	Pass	Fail
Inspection Settlement (Pass/Fail)		
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.3. TC-3

Child administration without consent for sharing

Test Story

	41
hild is seen at a clinic. A new vaccine is administered and documented but prmation is not to shared by the IIS.	tne ——
mments	
omments	
eCondition———————————————————————————————————	
reCondition	
stCondition———————————————————————————————————	
ostCondition	
of Ohioativos	
st Objectives —	
test case assesses the ability of the EHR to create an administration message for a child containing administration but an indication that the data should not be shared.	ng a
aluation Criteria————————————————————————————————————	
aluation Criteria	

1.3.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

		•		
De	SCY	'n	M	n
	301	Th	u	II

No evaluation criteria

An 11.5 year old female, Katherine Mackenzie Benton, is brought to the West Clinic for a third and final dose of HPV vaccine. She is accompanied by her mother Kari Michelle Benton (nee Jones). A clinic staff member collects basic patient demographic information including name, date of birth and sex. The mother is given the appropriate Vaccine Information Sheet (VIS) to review. After reading it, the mother agrees that the child should receive the HPV vaccine, but she chooses not to share the data once it is incorporated into the local IIS. A clinic provider, Wilma Thomas (physician ID 654) places an order for the vaccination. While the patient is covered by insurance, the plan does not cover this vaccination and she qualifies for Vaccine For Children (VFC) supplied vaccines under the status of VFC eligible - Underinsured. An appropriate dose of HPV (CERVARIX) is selected from the clinic's stock of publically funded vaccines. A clinician, Lily Jackson (ID 7824) prepares and administers the dose to the patient and then enters the data into the EHR and transmits it to the IIS.

-Comments-	
Comments	
No Comments	
No Comments	
-PreCondition	
No PreCondition	
I—————————————————————————————————————	
-PostCondition	
No PostCondition	
T. (O): (1	
Test Objectives———	
No Test Objectives	
Evaluation Criteria——	
Evaluation Criteria	

Notes to Testers

No Note

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.804-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	77732	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

MSH.21.4	Universal ID Type	
WISI1.21.4		
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	wcEHR
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	IIS
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	89778	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Benton	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Katherine	
PID.5.3	Second and Further Given Names or Initials Thereof	Mackenzie	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname	Jones	
PID.6.1.2	Own Surname Prefix		

PID.6.1.3	Own Surname		
PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		
PID.6.7	Name Type Code	M	
PID.7	Date/Time of Birth		
PID.7.1	Time	20031221	
PID.8	Administrative Sex	F	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	89 West 21st Ave	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5554019	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

TDI. Taucht Audhumai Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	01	
PD1.11.2	Text	No reminder/recall	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20031221	
PD1.18	Publicity Code Effective Date	20150624	

NK1: Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Benton	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	Kari	
NK1.2.3	Second and Further Given Names or Initials Thereof	Michelle	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	MTH	
NK1.3.2	Text	Mother	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	89 West 21st Ave	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		

NK1.4.3	City	Bozeman	
NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5554019	

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	5237	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	31309	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		

ORC.12.1	ID Number	654
ORC.12.2	Family Name	
ORC.12.2.1	Surname	Thomas
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	58160-0830-05	
RXA.5.2	Text	CERVARIX	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate		

DVAO	Coding System		
RXA.9	Administration Notes	00	
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	795441	
RXA.16	Substance Expiration Date	,,,,,,,	
RXA.16.1	Time	20151223	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	SKB	
RXA.17.2	Text	GlaxoSmithKline	
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate		

	Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RD	
RXR.2.2	Text	Right Deltoid	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

OBX[*]-

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX: Observation/Result-

Location Data Element	Data	Categorization
------------------------------	------	----------------

OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Test Data Specification

\mathbf{r}	4 •		4	T	C		4 •	
P	atı	ρn	t	In	tΛ	rm	atio	n-
	au	VII.	L.		w		auv	

Element	Data
Patient Name	Katherine Mackenzie Benton
Mother's Maiden Name	Jones
ID Number	89778
Date/Time of Birth	12/21/2003
Administrative Sex	Female
Patient Address	89 West 21st Ave Bozeman MT 59715 USA
Local Number	(406)555-4019
Race	White
Ethnic Group	Not Hispanic or Latino
Birth Order	1

Immunization Registry Information-

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	12/21/2003
Publicity Code	No reminder/recall
Publicity Code Effective Date	06/24/2015
Protection Indicator	Yes
Protection Indicator Effective Date	06/24/2015

Guardian or Responsible Party-

Element	Data
Name	Kari Michelle Benton
Relationship	Mother
Address	89 West 21st Ave Bozeman MT 59715 USA
Phone Number	(406)555-4019

-Vaccine Administration Information-

Element	Data
Administered Code	CERVARIX
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	795441
Substance Expiration Date	12/23/2015
Substance Manufacturer Name	GlaxoSmithKline
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Right Deltoid
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations

Element	Data
Vaccine Funding Source	Public
Vaccine Funding Program Eligibility	VFC Eligible - Underinsured
Document Type	Human papillomavirus Vaccine (Cervarix) VIS
Date Vis Presented	

1.3.2. Consume acknowledgement message

Tests the ability to consume a valid ACK message

Test Story

Descript	ion—————
Bescript	
The IIS returns a	positive acknowledgement message indicating that no errors were found during the course of filing the message.
Commo	24a
Commer	113
No Comments	
- ~	** .*
PreCond	lition — — — — — — — — — — — — — — — — — — —
A VXU me	essage is generated by the EHR.
-	
D 40	T*/*
PostCon	altion
No PostCondition	
Two T ostcondition	
Test Obj	ectives
N. T. Oli di	
No Test Objective	<u>'S</u>
Evaluati	on Criteria
Livarauri	
The acknowledge	ment message is consumed by the system responsible for the content of the administration message without error.
NT - 4 4	Tantana
Notes to	1 esters
No Note	
110 11010	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID	WOETH	
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.806-0500	
MSH.9	Message Type	20130024093047.800-0300	
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	65657	
MSH.10 MSH.11	Processing ID	03037	
		P	
MSH.11.1	Processing ID	P	
MSH.12	Version ID	0.5.1	
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	wcEHR
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	77732	

Juror Document

Return an Acknowledgement				
Test Case ID	TC-3			
Juror ID				
Juror Name				
HIT System Tested				
Inspection Date/Time				
	Pass Fail			
Inspection Settlement (Pass/Fail)				
Reason Failed				
Juror Comments				

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.4. TC-4

Child deleted administration

Test Story

Descrip	otion———————————————————————————————————
A child is user erro	s seen at a clinic. A previously documented vaccination is deleted due to or.
~	,
Comm	ents — — — — — — — — — — — — — — — — — — —
No Comments	3
PreCor	ndition———————————————————————————————————
No PreConditi	ion
PostCo	ondition———————————————————————————————————
No PostCondi	tion
Test O	bjectives————————————————————————————————————
This test ca	ase assesses the ability of the EHR to create a delete message for a previously sent administration
Evalua	tion Criteria
No evaluation	criteria
No evaluation	criteria
	o Testers

1.4.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Joseph	ion————————————————————————————————————
Descript	
	g an HPV vaccination to the 11.5 year old female Katherine Benton the clinician, Lily Jackson (ID 7824) realizes that the
vaccination was d	ocumented on the incorrect patient chart. She deletes the vaccination from the patient chart and transmits the change to the II
Commen	
	11.5
No Comments	
. ~ -	
'reCond	lition———————————————————————————————————
N. D. G. Till	
No PreCondition	
PostCon	dition
OSICUII	aition———————————————————————————————————
USICUII	aition
No PostCondition	
No PostCondition	
No PostCondition	
No PostCondition	
No PostCondition Sest Obj	ectives
No PostCondition	ectives
No PostCondition	ectives
No PostCondition Sest Obj	ectives
No PostCondition Fest Obj No Test Objective	ectives
No PostCondition Fest Obj No Test Objective	ectives
No PostCondition Fest Obj No Test Objective	ectives
No PostCondition Fest Obj No Test Objective	ectives s on Criteria
No PostCondition Fest Obj No Test Objective	ectives s on Criteria
No PostCondition Fest Obj No Test Objective	ectives s on Criteria
No PostCondition Fest Obj No Test Objective Evaluation No evaluation crit	ectives s on Criteria eria
No PostCondition Fest Obj No Test Objective Evaluation No evaluation crit	ectives s on Criteria
No PostCondition Fest Obj No Test Objective Evaluation No evaluation crit	ectives s on Criteria eria
No PostCondition Fest Obj No Test Objective Evaluation No evaluation crit	ectives s on Criteria eria

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.804-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	71892	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	wcEHR	
MSH.22.6	Assigning Authority		

T. Control of the Con	
Namespace ID	
Universal ID	
Universal ID Type	
Identifier Type Code	
Organization Identifier	
Receiving Responsible Organization	
Organization Name	IIS
Assigning Authority	
Namespace ID	
Universal ID	
Universal ID Type	
Oniversal ID Type	
Identifier Type Code	
	Universal ID Universal ID Type Identifier Type Code Organization Identifier Receiving Responsible Organization Organization Name Assigning Authority Namespace ID

PID: Patient Identification-

Data Element	Data	Categorization
Set ID - PID	1	
Patient Identifier List		
ID Number	89778	
Check Digit Scheme		
Assigning Authority		
Namespace ID	wcEHR	
Universal ID		
Universal ID Type		
Identifier Type Code	MR	
Patient Name		
Family Name		
Surname	Benton	
Own Surname Prefix		
Own Surname		
Surname Prefix From Partner/Spouse		
Surname From Partner/Spouse		
Given Name	Katherine	
Second and Further Given Names or Initials Thereof	Mackenzie	
Name Type Code	L	
Mother's Maiden Name		
Family Name		
Surname	Jones	
Own Surname Prefix		
Own Surname		
Surname Prefix From Partner/Spouse		
Surname From Partner/Spouse		
	Patient Identifier List ID Number Check Digit Scheme Assigning Authority Namespace ID Universal ID Universal ID Type Identifier Type Code Patient Name Family Name Surname Own Surname Prefix Own Surname Surname From Partner/Spouse Surname From Partner/Spouse Given Name Second and Further Given Names or Initials Thereof Name Type Code Mother's Maiden Name Family Name Surname Own Surname Surname Family Name Surname Surname Surname Family Name Surname Surname Surname Own Surname	Patient Identifier List ID Number Second and Further Given Names or Initials Thereof Name Type Code L Mother's Maiden Name Family Name Surname Surname Second Surname Surname From Partner/Spouse Civen Name Second Surname Second Surname Second Surname Surname From Partner/Spouse Surname From Partner/Spouse Given Name Second Surname Second Surname Second Surname Family Name Surname Surname

PID.6.7	Name Type Code	M	
PID.7	Date/Time of Birth		
PID.7.1	Time	20031221	
PID.8	Administrative Sex	F	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	89 West 21st Ave	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5554019	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	01	

PD1.11.2	Text	No reminder/recall	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20031221	
PD1.18	Publicity Code Effective Date	20150624	

NK1: Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Benton	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	Kari	
NK1.2.3	Second and Further Given Names or Initials Thereof	Michelle	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	MTH	
NK1.3.2	Text	Mother	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	89 West 21st Ave	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		
NK1.4.3	City	Bozeman	
NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	

NK1.4.7 NK1.5	Address Type Phone Number	P	
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5554019	

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	5237	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	31309	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		

ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	58160-0830-05	
RXA.5.2	Text	CERVARIX	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	

		l	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	795441	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20151223	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	SKB	
RXA.17.2	Text	GlaxoSmithKline	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	CP	
RXA.21	Action Code - RXA	D	

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RD	
RXR.2.2	Text	Right Deltoid	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-OBX[*]-

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		

OBX.17.1	Identifier	
OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	

OBX.3	Observation Identifier	
OBX.3.1	Identifier	69764-9
OBX.3.2	Text	Document Type
OBX.3.3	Name of Coding System	LN
OBX.3.5	Alternate Text	
OBX.3.6	Name of Alternate Coding System	
OBX.4	Observation Sub-ID	3
OBX.5	Observation Value	
OBX.6	Units	
OBX.6.1	Identifier	
OBX.6.2	Text	
OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	20150624
OBX.17	Observation Method	
OBX.17.1	Identifier	
OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		

OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Test Data Specification

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1				411011
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Element	Data
Patient Name	Katherine Mackenzie Benton
Mother's Maiden Name	Jones
ID Number	89778
Date/Time of Birth	12/21/2003
Administrative Sex	Female
Patient Address	89 West 21st Ave Bozeman MT 59715 USA
Local Number	(406)555-4019
Race	White
Ethnic Group	Not Hispanic or Latino
Birth Order	1

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	12/21/2003
Publicity Code	No reminder/recall
Publicity Code Effective Date	06/24/2015
Protection Indicator	Yes
Protection Indicator Effective Date	06/24/2015

Guardian or Responsible Party-

Element	Data
Name	Kari Michelle Benton
Relationship	Mother
Address	89 West 21st Ave Bozeman MT 59715 USA
Phone Number	(406)555-4019

-Vaccine Administration Information-

Element	Data
Administered Code	CERVARIX
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	795441
Substance Expiration Date	12/23/2015
Substance Manufacturer Name	GlaxoSmithKline
Substance/Treatment Refusal Reason	
Completion Status	СР
Action Code	Delete
Route	Intramuscular
Administration Site	Right Deltoid
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations

Element	Data
Vaccine Funding Source	Public
Vaccine Funding Program Eligibility	VFC Eligible - Underinsured
Document Type	Human papillomavirus Vaccine (Cervarix) VIS
Date Vis Presented	

1.4.2. Consume acknowledgement message

Tests the ability to consume a valid ACK message

Test Story

	iption ————————————————————————————————————
The IIS retu	arns a positive acknowledgement message indicating that no errors were found during the course of filing the message.
Comn	nents
JU11111	Tents
No Comme	nts
PreCo	ondition———————————————————————————————————
A VXU	message is generated by the EHR.
PostC	ondition———————————————————————————————————
USIC	onanion
No PostCor	udition
Test (Objectives — — — — — — — — — — — — — — — — — — —
No Test Ob	jectives
Evalu	ation Criteria————————————————————
The acknow	reledgement message is consumed by the system responsible for the content of the administration message without error.
Votos	to Tostors——————————————————————————————————
10162	to Testers

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.806-0500)
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	65657	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

·	
Identifier Type Code	
Organization Identifier	
Receiving Responsible Organization	
Organization Name	wcEHR
Assigning Authority	
Namespace ID	
Universal ID	
Universal ID Type	
Identifier Type Code	
Organization Identifier	
	Organization Identifier Receiving Responsible Organization Organization Name Assigning Authority Namespace ID Universal ID Universal ID Type Identifier Type Code

MSA: Message Acknowledgment

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	71892	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-4	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
	Pass	Fail
Inspection Settlement (Pass/Fail)		
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.5. TC-5

Child partial administration

Test Story

No Note

	tion————————————————————————————————————
A child is is given.	seen at a clinic. A new vaccination is administered but only a partial dose
Comme	nts
No Comments	
PreCon	dition—————
recon	
No PreCondition	
PostCor	ıdition
No PostCondition	n
Гest Ob	jectives
This test cas	jectives e assesses the ability of the EHR to create an administration message for child who received a istration of a vaccine.
This test cas	e assesses the ability of the EHR to create an administration message for child who received a
This test cas partial admir	e assesses the ability of the EHR to create an administration message for child who received a
This test cas partial admir	e assesses the ability of the EHR to create an administration message for child who received a istration of a vaccine.

1.5.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

	•	4 •	
Desc	rın	tion	
DUSU	ւսԻ	UUII	

-Notes to Testers

An 18 month old male, Daryl Andre Johnson, is brought to the West Clinic for a well child visit by his father James Terrance Johnson. Daryl's twin brother, born 5 minutes before Daryl, was not able to make it to the clinic. A clinic staff member collects basic patient demographic information including name, date of birth and sex. A clinic provider, Wilma Thomas (physician ID 654) reviews the patient's vaccination history and determines that the child requires a Hep A vaccination. The child is covered by insurance and does not qualify for all Vaccine For Children (VFC) supplied vaccines. The father is given the Vaccine Information Sheet (VIS) to review. After reading it, the father agrees that the child should receive the Hep A vaccine He also agrees that the data should be shared once it is incorporated into the local IIS. An appropriate dose of Hep A (VAQTA) is selected from the clinic's stock of privately funded vaccines. A clinician, Lily Jackson (ID 7824) prepares and administers the doses to the patient, however the patient moves unexpectedly during the administration and only a portion of the dose is actually administered. The clinician enters the data into the EHR as a partial administration and transmits it to the IIS.

administered. The clin	to the patient, however ician enters the data int	to the EHR as a partia	l administration and tr	ansmits it to the IIS.	
Comments	1				
)				
No Comments					
reCondit	ion ———				
rcconuit					
No PreCondition					
No PreCondition					
PostCondi	tion —				
ostCondi	tion —				
	tion——				
	tion —				
	tion ———				
No PostCondition					
No PostCondition					
PostCondi					
No PostCondition Cest Object					
No PostCondition Cest Object					
No PostCondition Fest Objectives					
No PostCondition Cest Objectives	etives				
No PostCondition Fest Objectives	etives				

Message Contents

-MSH : Message Header-

Location	Data Element	Data	Categorization
MSH.1	Field Separator	İ	
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.806-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	29407	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		

MSH.22	Sending Responsible		
MSH.22.1	Organization Organization Name	wcEHR	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		
MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	IIS	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

-PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	76511	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Johnson	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Daryl	
PID.5.3	Second and Further Given Names or Initials Thereof	Andre	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		
PID.6.1.3	Own Surname		
	Surname Prefix From		

PID.6.1.4	Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		
PID.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	20131203	
PID.8	Administrative Sex	M	
PID.10	Race		
PID.10.1	Identifier	2054-5	
PID.10.2	Text	African American	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	125 Aspen Crescent	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5551807	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	Y	
PID.25	Birth Order	2	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
		<u> </u>	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	04	
PD1.11.2	Text	Reminder only - any method	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20131203	
PD1.18	Publicity Code Effective Date	20150624	

NK1: Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Johnson	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	James	
NK1.2.3	Second and Further Given Names or Initials Thereof	Terrance	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	FTH	
NK1.3.2	Text	Father	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	125 Aspen Crescent	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		

NK1:4:3	City State or Province	Bozeman M I	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5551807	

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	773	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	22119	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	

ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	00006-4095-01	
RXA.5.2	Text	VAQTA	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate		

RXA.9	Coding System Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	68736	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20150729	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	MSD	
RXA.17.2	Text	Merck and Co., Inc.	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate		

	Coding System		
RXA.20	Completion Status	PA	
RXA.21	Action Code - RXA	A	

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	LT	
RXR.2.2	Text	Left Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

OBX[*]-

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	PHC70	
OBX.5.2	Text	Private	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.5.1	Identifier	V01	
OBX.5.2	Text	Not VFC Eligible	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	253088698300004211	111025
OBX.5.2	Text	Hepatitis A VIS	
OBX.5.3	Name of Coding System	cdcgs1vis	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	Time 20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		

OBX.17.6	Name of Alternate	
ODA.17.0	Coding System	

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Test Data Specification

Patient Information

Element	Data
Patient Name	Daryl Andre Johnson
Mother's Maiden Name	
ID Number	76511
Date/Time of Birth	12/03/2013
Administrative Sex	Male
Patient Address	125 Aspen Crescent Bozeman MT 59715 USA
Local Number	(406)555-1807
Race	African American
Ethnic Group	Not Hispanic or Latino
Birth Order	2

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	12/03/2013
Publicity Code	Reminder only - any method
Publicity Code Effective Date	06/24/2015
Protection Indicator	Yes
Protection Indicator Effective Date	06/24/2015

Guardian or Responsible Party-

Element	Data
Name	James Terrance Johnson
Relationship	Father
Address	125 Aspen Crescent Bozeman MT 59715 USA
Phone Number	(406)555-1807

-Vaccine Administration Information-

Element	Data
Administered Code	VAQTA
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	68736
Substance Expiration Date	07/29/2015
Substance Manufacturer Name	Merck and Co., Inc.
Substance/Treatment Refusal Reason	
Completion Status	PA
Action Code	Add
Route	Intramuscular
Administration Site	Left Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Hepatitis A VIS
Date Vis Presented	

1.5.2. Consume acknowledgement message

Tests the ability to consume a valid ACK message

Test Story

The IIS returns	positive acknowledgement message indicating that no errors were found during the course of filing the message.	
Comme	nts-	
No Comments		
PreCon	dition ————————————————————————————————————	
A VXU m	essage is generated by the EHR.	
PostCo	dition	
PostCo	dition	
No PostConditi	n	
No PostConditi		
No PostConditi	jectives	
No PostConditi Fest Ob No Test Object Evaluat	jectives	
No PostConditi Fest Ob No Test Object Evaluat	jectives ion Criteria	
No PostConditi Fest Ob No Test Object Evaluat The acknowled	jectives Tes Tes Tes Tes Tes Tes Tes	
No PostConditi Fest Ob No Test Object Evaluat The acknowled	jectives ion Criteria	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.807-0500)
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	51291	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.2 MSH.22.6.3	Universal ID Universal ID Type		

MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	wcEHR	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

MSA: Message Acknowledgment

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	29407	

Juror Document

Return an Acknowledgement	Return an Acknowledgement				
Test Case ID	TC-5				
Juror ID					
Juror Name					
HIT System Tested					
Inspection Date/Time					
	Pass	Fail			
Inspection Settlement (Pass/Fail)					
Reason Failed					
Juror Comments					

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.6. TC-6

Child administration with refusal

Test Story

No Note

	otion ————————————————————————————————————
	s seen at a clinic. A new vaccinations are administered but an additional on d by the parents.
Commo	ents————————————————————————————————————
No Comments	
)C	. J.'4.'
recon	ndition
No PreConditi	on
PostCo	ndition———————————————————————————————————
No PostCondit	ion
Γ4 (Δ1	ojectives————————————————————————————————————
l est Oi	
l est O	se assesses the ability of the EHR to create an administration message for child whose parents
This test ca	ed an immunization.
This test ca	ed an immunization.
This test ca have refuse	ed an immunization.
This test ca have refuse	tion Criteria

1.6.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Description

A 1 year old male, Tyler Owen Banks, is brought to the West Clinic for a well child visit. He is accompanied by his father Karl Leonard Banks. A clinic staff member collects basic patient demographic information including name, date of birth and sex. A clinic provider, Joe Smith (physician ID 123) reviews the patient's vaccination history and determines that the child requires Hib, Hep A, MMR and Varicella vaccinations. The child is covered by insurance and does not qualify for all Vaccine For Children (VFC) supplied vaccines. The father is given the appropriate Vaccine Information Sheets (VIS) to review. After reading them, the father agrees that the child should receive the Hib, Hep A and MMR vaccines but refuses the Varicella vaccine. He also agrees that the data should be shared once it is incorporated into the local IIS. Appropriate doses of Hib (HIBERIX), Hep A (VAQTA) and MMR (M-M-R II) are selected from the clinic's stock of privately funded vaccines. A clinician, Lily Jackson (ID 456) prepares and administers the doses to the patient and then enters the data into the EHR and

No Comments PreCondition No PreCondition PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria No evaluation criteria	vaccines. A clinician, Lily Jackson (ID transmits it to the IIS.	456) prepares and administers the doses to the patient and then enters the data into the EHR and
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	Commonts	
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	Comments	
PreCondition No PreCondition PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	No Comments	
PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	ProCondition —	
PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	1 TCOHUILION	
PostCondition No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	No PreCondition	
No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
No PostCondition Fest Objectives No Test Objectives Evaluation Criteria		
No PostCondition Fest Objectives No Test Objectives Evaluation Criteria	PostCondition —	
Fest Objectives No Test Objectives Evaluation Criteria		
Fest Objectives No Test Objectives Evaluation Criteria		
No Test Objectives Evaluation Criteria	No PostCondition	
No Test Objectives Evaluation Criteria		
No Test Objectives Evaluation Criteria		
No Test Objectives Evaluation Criteria	Fest Ohiectives—	
Evaluation Criteria		
Evaluation Criteria		
	No Test Objectives	
	Evaluation Criter	ia —————
No evaluation criteria		144
No evaluation criteria		
	No evaluation criteria	

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.808-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	18019	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		

MSH.22	Sending Responsible	
MSH.22.1	Organization Name	wcEHR
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	IIS
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

-PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	8891	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Banks	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Tyler	
PID.5.3	Second and Further Given Names or Initials Thereof	Owen	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		
PID.6.1.3	Own Surname		
	Surname Prefix From		

PID.6.1.4	Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		
PID.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	20140602	
PID.8	Administrative Sex	M	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	924 Sycamore Lane	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5555835	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29 PID.29.1			

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	02	
PD1.11.2	Text	Reminder/recall - any method	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	N	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20040602	
PD1.18	Publicity Code Effective Date	20150624	

NK1: Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Banks	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	Karl	
NK1.2.3	Second and Further Given Names or Initials Thereof	Leonard	
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	FTH	
NK1.3.2	Text	Father	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	924 Sycamore Lane	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		

NK1:4:3	City State or Province	Bozeman MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5555835	

ORC[*]

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	5645	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	22515	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	

ORC.12	Ordering Provider	
ORC.12.1	ID Number	654
ORC.12.2	Family Name	
ORC.12.2.1	Surname	Thomas
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	5027	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	12128	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		

ORC.10.2.4	Surname Prefix From Partner/Spouse	
ORC.10.2.5	Surname From Partner/Spouse	
ORC.10.3	Given Name	Lily
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne
ORC.10.9	Assigning Authority	
ORC.10.9.1	Namespace ID	wcEHR
ORC.10.9.2	Universal ID	
ORC.10.9.3	Universal ID Type	
ORC.10.10	Name Type Code	L
ORC.10.12	Check Digit Scheme	
ORC.10.13	Identifier Type Code	PRN
ORC.12	Ordering Provider	
ORC.12.1	ID Number	654
ORC.12.2	Family Name	
ORC.12.2.1	Surname	Thomas
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	7239	

ORC.2.2	Namespace ID	wcEHR
ORC.2.3	Universal ID	
ORC.2.4	Universal ID Type	
ORC.3	Filler Order Number	
ORC.3.1	Entity Identifier	50588
ORC.3.2	Namespace ID	wcEHR
ORC.3.3	Universal ID	
ORC.3.4	Universal ID Type	
ORC.10	Entered By	
ORC.10.1	ID Number	7824
ORC.10.2	Family Name	
ORC.10.2.1	Surname	Jackson
ORC.10.2.2	Own Surname Prefix	
ORC.10.2.3	Own Surname	
ORC.10.2.4	Surname Prefix From Partner/Spouse	
ORC.10.2.5	Surname From Partner/Spouse	
ORC.10.3	Given Name	Lily
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne
ORC.10.9	Assigning Authority	
ORC.10.9.1	Namespace ID	wcEHR
ORC.10.9.2	Universal ID	
ORC.10.9.3	Universal ID Type	
ORC.10.10	Name Type Code	L
ORC.10.12	Check Digit Scheme	
ORC.10.13	Identifier Type Code	PRN
ORC.12	Ordering Provider	
ORC.12.1	ID Number	654
ORC.12.2	Family Name	
ORC.12.2.1	Surname	Thomas
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR

ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	9999	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number		
ORC.12.2	Family Name		
ORC.12.2.1	Surname		
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		

ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	
ORC.12.4	Second and Further Given Names or Initials Thereof	
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA[*]---

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	58160-0806-01	
RXA.5.2	Text	HIBERIX	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		

RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	328734	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20150923	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	SKB	
RXA.17.2	Text	GlaxoSmithKline	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
	Name of Coding		

RXA.18.5 RXA.18.6	Alternate Text Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	00006-4095-01	
RXA.5.2	Text	VAQTA	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	

RXA.10.4	Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	208940	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20160120	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	MSD	
RXA.17.2	Text	Merck and Co., Inc.	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	00006-4681-01	
RXA.5.2	Text	M-M-R II	
	I	I	

RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	134301	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20151028	
I———			

RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	MSD	
RXA.17.2	Text	Merck and Co., Inc.	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	CP	
RXA.21	Action Code - RXA	A	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	21	
RXA.5.2	Text	varicella	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier		
RXA.9.2	Text		
RXA.9.3	Name of Coding System		

D774 0 #			
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname Own Surname		
10.2.3	Surname Prefix		
RXA.10.2.4	From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number		
RXA.16	Substance Expiration Date		
RXA.16.1	Time		
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier		
RXA.17.2	Text		
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier	00	
RXA.18.2	Text	Parental decision	
RXA.18.3	Name of Coding System	NIP002	
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	RE	
	To the second se		

-RXR[*]-

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RT	
RXR.2.2	Text	Right Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RT	
RXR.2.2	Text	Right Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		

RXR.1.1	Identifier	C38299
RXR.1.2	Text	Subcutaneous
RXR.1.3	Name of Coding System	NCIT
RXR.1.5	Alternate Text	
RXR.1.6	Name of Alternate Coding System	
RXR.2	Administration Site	
RXR.2.1	Identifier	LT
RXR.2.2	Text	Left Thigh
RXR.2.3	Name of Coding System	HL70163
RXR.2.5	Alternate Text	
RXR.2.6	Name of Alternate Coding System	

OBX[*]

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	PHC70	
OBX.5.2	Text	Private	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.5.1	Identifier	V01	
OBX.5.2	Text	Not VFC Eligible	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		

1	I .	.1	
OBX.17.6	Name of Alternate		
UDA.17.0	Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	25308869830002641114	1022
OBX.5.2	Text	Multiple Vaccines VIS	
OBX.5.3	Name of Coding System	cdcgs1vis	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	

OBX.2	Value Type	DT
OBX.3	Observation Identifier	
OBX.3.1	Identifier	29769-7
OBX.3.2	Text	Date Vis Presented
OBX.3.3	Name of Coding System	LN
OBX.3.5	Alternate Text	
OBX.3.6	Name of Alternate Coding System	
OBX.4	Observation Sub-ID	3
OBX.5	Observation Value	20150624
OBX.6	Units	
OBX.6.1	Identifier	
OBX.6.2	Text	
OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	ş F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	20150624
OBX.17	Observation Method	
OBX.17.1	Identifier	
OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	PHC70	
OBX.5.2	Text	Private	
	Name of Coding		

OBX.5.3	System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.5.1	Identifier	V01	
OBX.5.2	Text	Not VFC Eligible	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	25308869830000421111	1025
OBX.5.2	Text	Hepatitis A VIS	
OBX.5.3	Name of Coding System	cdcgs1vis	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	

OBX.17	Observation Method	
OBX.17.1	Identifier	
OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	

OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	PHC70	
OBX.5.2	Text	Private	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
	Name of Alternate		

OBX.3.6	Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.5.1	Identifier	V01	
OBX.5.2	Text	Not VFC Eligible	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	253088698300012711120	420
OBX.5.2	Text	Measles/Mumps/Rubella VIS	
OBX.5.3	Name of Coding System	cdcgs1vis	

OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate		
0 = 1.011	Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding		
	System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate		
ODA.0.0	Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the		
ODA.14	Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding		
ODA.17.3	System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate		
ODA.17.0	Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	Observation Result Status F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	

OBX.17	Observation Method	
OBX.17.1	Identifier	
OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

Test Data Specification

Patient	Infor	mation
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Element	Data
Patient Name	Tyler Owen Banks
Mother's Maiden Name	
ID Number	8891
Date/Time of Birth	06/02/2014
Administrative Sex	Male
Patient Address	924 Sycamore Lane Bozeman MT 59715 USA
Local Number	(406)555-5835
Race	White
Ethnic Group	Not Hispanic or Latino
Birth Order	1

Immunization Registry Information-

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	06/02/2004
Publicity Code	Reminder/recall - any method
Publicity Code Effective Date	06/24/2015
Protection Indicator	No
Protection Indicator Effective Date	06/24/2015

Guardian or Responsible Party-

Element	Data
Name	Karl Leonard Banks
Relationship	Father
Address	924 Sycamore Lane Bozeman MT 59715 USA
Phone Number	(406)555-5835

Element	Data
Administered Code	HIBERIX
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	328734
Substance Expiration Date	09/23/2015
Substance Manufacturer Name	GlaxoSmithKline
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Right Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Multiple Vaccines VIS
Date Vis Presented	

Element	Data
Administered Code	VAQTA
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	208940
Substance Expiration Date	01/20/2016
Substance Manufacturer Name	Merck and Co., Inc.
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Right Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Hepatitis A VIS
Date Vis Presented	

Element	Data
Administered Code	M-M-R II
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	134301
Substance Expiration Date	10/28/2015
Substance Manufacturer Name	Merck and Co., Inc.
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Subcutaneous
Administration Site	Left Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Measles/Mumps/Rubella VIS
Date Vis Presented	

Element	Data
Administered Code	varicella
Date/Time Start of Administration	06/24/2015
Administered Amount	999
Administered Units	
Administration Notes	
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	Parental decision
Completion Status	RE
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

1.6.2. Consume acknowledgement message

Tests the ability to consume a valid ACK message

Test Story

Descrip		
The IIS return	a positive acknowledgement message indicating that no errors were found during the course of filing the message.	
7		
Comm	ents	
N. 6		
No Comments		
PreCoi	dition	
10001		
^ \/\/II n	nessage is generated by the EHR.	
AVAUI	essage is generated by the ERK.	
PostCo	ndition———————————————————————————————————	
PostCo	ndition	
No PostCondi	on	
No PostCondi		
No PostCondi	ojectives	
No PostCondi	ojectives	
No PostCondi	on Ojectives ives	
No PostCondi	ojectives	
No PostCondi	on Ojectives ives	
No PostCondi Fest O	on Ojectives ives	
No PostCondi Fest O	on Djectives ives tion Criteria	
No PostCondi Fest O No Test Object Evalua The acknowle	on Djectives ives tion Criteria gement message is consumed by the system responsible for the content of the administration message without error.	
No PostCondi Fest O No Test Object Evalua The acknowle	on Djectives ives tion Criteria	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.822-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	79946	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

	t .	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	wcEHR
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

MSA: Message Acknowledgment

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	18019	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-6	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
	Pass	Fail
Inspection Settlement (Pass/Fail)		
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.7. TC-7

Child updated administration

Test Story

Descript	ion
	seen at a clinic. A previously documented vaccination is updated to correct information
Commei	its —
No Comments	
reCond	lition
No PreCondition	
ostCon	dition ————————————————————————————————————
No PostCondition	
Sout Oh	40 0 4 • 0
est Obj	ectives
This test case	e asses the ability of the EHR to create an update message for a previously sent administration.
'waluati	on Criteria
vaiuati	on Criteria
No evaluation cri	eria
Intes to	Testers

1.7.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Description				
After document vaccina	ions for Tyler Owen Banks the clinician, Lily	Jackson (ID 456) recogni	zes that an error was mad	le during data entry fo
he Hepatitis A vaccine.	The Lot Number was entered incorrectly. She	updates the data in the EI	HR and transmits it to the	IIS.
Comments				
No Comments				
reConditi	\n			
Teconun	711			
No PreCondition				
ostCondit	on			
ostCondit	on			
PostCondit	on			
	on			
	on			
No PostCondition				
No PostCondition				
No PostCondition Sest Object				
No PostCondition Sest Object				
No PostCondition Sest Object No Test Objectives	ives			
No PostCondition Sest Object No Test Objectives	ives			
No PostCondition Sest Object	ives			
No PostCondition Sest Object No Test Objectives Evaluation	ives			
No PostCondition Sest Object No Test Objectives Evaluation	ives			
No PostCondition Sest Object No Test Objectives	ives			
No PostCondition Sest Object No Test Objectives Evaluation	ives — — — — — — — — — — — — — — — — — — —			

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.808-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	18019	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	wcEHR	
MSH.22.6	Assigning Authority		

MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		
MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
	- 6		
MSH.23.1	Organization Name	IIS	
MSH.23.1 MSH.23.6	-	IIS	
	Organization Name	IIS	
MSH.23.6	Organization Name Assigning Authority	IIS	
MSH.23.6 MSH.23.6.1	Organization Name Assigning Authority Namespace ID	IIS	
MSH.23.6 MSH.23.6.1 MSH.23.6.2	Organization Name Assigning Authority Namespace ID Universal ID	IIS	

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	8891	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Banks	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Tyler	
PID.5.3	Second and Further Given Names or Initials Thereof	Owen	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		
PID.6.1.3	Own Surname		
PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		

PID.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	20140602	
PID.8	Administrative Sex	M	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	924 Sycamore Lane	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	PH	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5555835	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	02	

PD1.11.2	Text	Reminder/recall - any method	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150624	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20040602	
PD1.18	Publicity Code Effective Date	20150624	

NK1 : Next of Kin / Associated Parties-

Set ID - NK1	4	
	1	
Name		
Family Name		
Surname	Banks	
Own Surname Prefix		
Own Surname		
Surname Prefix From Partner/Spouse		
Surname From Partner/Spouse		
Given Name	Karl	
Second and Further Given Names or Initials Thereof	Leonard	
Name Type Code	L	
Relationship		
Identifier	FTH	
Text	Father	
Name of Coding System	HL70063	
Alternate Text		
Name of Alternate Coding System		
Address		
Street Address		
Street or Mailing Address	924 Sycamore Lane	
Street Name		
Dwelling Number		
Other Designation		
City	Bozeman	
State or Province	MT	
Zip or Postal Code	59715	
	Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Given Name Second and Further Given Names or Initials Thereof Name Type Code Relationship Identifier Text Name of Coding System Alternate Text Name of Alternate Coding System Address Street Address Street or Mailing Address Street Name Dwelling Number Other Designation City State or Province	Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Given Name Second and Further Given Names or Initials Thereof Name Type Code Relationship Identifier FTH Text Father Name of Coding System HL70063 Alternate Text Name of Alternate Coding System Address Street Address Street Address Street Name Dwelling Number Other Designation City Bozeman State or Province MT

NK1:4:9	Country Address Type	USA	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5555835	

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	5027	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	12128	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		

ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150624	
RXA.5	Administered Code		
RXA.5.1	Identifier	00006-4095-01	
RXA.5.2	Text	VAQTA	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	

		l .	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	208490	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20160120	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	MSD	
RXA.17.2	Text	Merck and Co., Inc.	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	U	

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RT	
RXR.2.2	Text	Right Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-OBX[*]-

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	PHC70	
OBX.5.2	Text	Private	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		

OBX.6.6	Name of Alternate		
OBX.11	Coding System Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization	
OBX.1	Set ID - OBX	2		
OBX.2	Value Type	CE		
OBX.3	Observation Identifier			
OBX.3.1	Identifier	64994-7		
OBX.3.2	Text	Vaccine Funding Program Eligibility		
OBX.3.3	Name of Coding System	LN		
OBX.3.5	Alternate Text			
OBX.3.6	Name of Alternate Coding System			
OBX.4	Observation Sub-ID	2		
OBX.5	Observation Value			
OBX.5.1	Identifier	V01		
OBX.5.2	Text	Not VFC Eligible		
OBX.5.3	Name of Coding System	HL70064		
OBX.5.5	Alternate Text			
OBX.5.6	Name of Alternate Coding System			
OBX.6	Units			
OBX.6.1	Identifier			
OBX.6.2	Text	ext		
OBX.6.3	Name of Coding System			
OBX.6.5	Alternate Text			
OBX.6.6	Name of Alternate Coding System			
OBX.11	Observation Result Stat	us F		
OBX.14	Date/Time of the Observation			
OBX.14.1	Time	20150624		
OBX.17	Observation Method			
OBX.17.1	Identifier	VXC40		

OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	Value Type CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	Identifier 69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	2530886983000042111	11025
OBX.5.2	Text	Hepatitis A VIS	
OBX.5.3	Name of Coding System	cdcgs1vis	
OBX.5.5	Alternate Text	Alternate Text	
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units	Units	
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text	Text	
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

ANTO AL ALIMANTE

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150624	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text	Text	
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text	Alternate Text	
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150624	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System	Name of Alternate	

Test Data Specification

Patient Information

Element	Data
Patient Name	Tyler Owen Banks
Mother's Maiden Name	
ID Number	8891
Date/Time of Birth	06/02/2014
Administrative Sex	Male
Patient Address	924 Sycamore Lane Bozeman MT 59715 USA
Local Number	(406)555-5835
Race	White
Ethnic Group	Not Hispanic or Latino
Birth Order	1

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	06/02/2004
Publicity Code	Reminder/recall - any method
Publicity Code Effective Date	06/24/2015
Protection Indicator	Yes
Protection Indicator Effective Date	06/24/2015

Guardian or Responsible Party-

Element	Data
Name	Karl Leonard Banks
Relationship	Father
Address	924 Sycamore Lane Bozeman MT 59715 USA
Phone Number	(406)555-5835

-Vaccine Administration Information-

Element	Data
Administered Code	VAQTA
Date/Time Start of Administration	06/24/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	208490
Substance Expiration Date	01/20/2016
Substance Manufacturer Name	Merck and Co., Inc.
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Update
Route	Intramuscular
Administration Site	Right Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

-Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Hepatitis A VIS
Date Vis Presented	

1.7.2. Consume acknowledgement message

ests the ability to consume a valid ACK message

Test Story

Γhe IIS returns an	cknowledgement message indicating that a fatal error was found during the course of processing the message.
Commen	ts————
No Comments	
reCond	ition
A VXU me	sage is generated by the EHR.
ostCon	lition———————————————————————————————————
OSICUII	
	IIIIVII
No PostCondition	
No PostCondition	
No PostCondition Fest Obj No Test Objective	
No PostCondition Sest Obj	
No PostCondition Cest Obj No Test Objective	ectives
No PostCondition Cest Obj No Test Objective	
No PostCondition Sest Obj No Test Objective Evaluation	ectives on Criteria
No PostCondition Cest Obj No Test Objective	ectives
No PostCondition Cest Obj No Test Objective Cvaluation	ectives On Criteria ent message is consumed by the system responsible for the content of the administration message without error.
No PostCondition Sest Obj No Test Objective Evaluation	ectives On Criteria ent message is consumed by the system responsible for the content of the administration message without error.
No PostCondition Sest Obj No Test Objective	ectives On Criteria ent message is consumed by the system responsible for the content of the administration message without error.

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150624093847.822-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	79946	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	wcEHR
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

MSA: Message Acknowledgment

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	18019	

Juror Document

Return an Acknowledgement	
Test Case ID	TC-7
Juror ID	
Juror Name	
HIT System Tested	
Inspection Date/Time	
	Pass Fail
Inspection Settlement (Pass/Fail)	
Reason Failed	
Juror Comments	

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which NO Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK message correctly; a positive notification indicating that the ACK message was processed correctly need not be made visible in the system.

1.8. TC-8

Historical administration resulting in fatal error

Test Story

-Description A patient is seen at a clinic. A historical vaccination is recorded but the IIS is unable to process the administration message, rejects it and returns a fatal error in the acknowledgement message. **Comments** No Comments -PreCondition-No PreCondition -PostCondition The returned error must be visible in the EHR. **Test Objectives** This test case assesses the ability of the EHR to accept an acknowledgement message with a fatal error being returned by the IIS. Evaluation Criteria

Evaluation Criteria

No evaluation criteria

Notes to Testers

No Note

1.8.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Descri j	
information ir birthday. The	female, Helen Barrett, comes to the West Clinic for a physical. A clinic staff member collects basic patient demographic acluding name, date of birth and sex. The patient reports that she received a Zoster vaccination at a local pharmacy on her 65th clinic staff determine that no further vaccinations are required. A clinician, Lily Jackson (ID 7824) enters the historical data into transmits it to the IIS.
Comm	ents————————————————————————————————————
No Comments	3
	10/0
reCol	ndition———————————————————————————————————
No PreCondit	ion
	andition.
OSICO	ondition———————————————————————————————————
No PostCondi	tion
est O	bjectives————————————————————————————————————
CSt O	bjeetives
No Test Objec	otives
to rest object	24.465
evalua	tion Criteria
No evaluation	criteria
	o Testers——————————————————————————————————

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625121047.839-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	35560	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	wcEHR	
MSH.22.6	Assigning Authority		

MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
	01841112411011	
MSH.23.1	Organization Name	IIS
MSH.23.1 MSH.23.6	<u> </u>	IIS
	Organization Name	IIS
MSH.23.6	Organization Name Assigning Authority	IIS
MSH.23.6 MSH.23.6.1	Organization Name Assigning Authority Namespace ID	IIS
MSH.23.6 MSH.23.6.1 MSH.23.6.2	Organization Name Assigning Authority Namespace ID Universal ID	IIS

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	7120	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Barrett	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse	From	
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Helen	
PID.5.3	Second and Further Given Names or Initials Thereof		
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		
PID.6.1.3	Own Surname		
PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		

PID.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	19500317	
PID.8	Administrative Sex	F	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	763 Main St	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
110.13	Telecommunication Use		
PID.13.2	Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5554064	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	NET	
PID.13.3	Telecommunication Equipment Type		
PID.13.4	Email Address	Helen.Barrett@isp.com	
PID.13.6	Area/City Code		
PID.13.7	Local Number		
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	
110.30	ranem Deam indicator	11	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	06	
PD1.11.2	Text	Recall only - any method	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150625	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	19500317	
PD1.18	Publicity Code Effective Date	20150625	

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	7646	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	53100	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	

ORC.10.9	Assigning Authority	
ORC.10.9.1	Namespace ID	wcEHR
ORC.10.9.2	Universal ID	
ORC.10.9.3	Universal ID Type	
ORC.10.10	Name Type Code	L
ORC.10.12	Check Digit Scheme	
ORC.10.13	Identifier Type Code	PRN
ORC.12	Ordering Provider	
ORC.12.1	ID Number	
ORC.12.2	Family Name	
ORC.12.2.1	Surname	
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	
ORC.12.4	Second and Further Given Names or Initials Thereof	
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150317	
RXA.5	Administered Code		
RXA.5.1	Identifier	121	
RXA.5.2	Text	zoster	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		

RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number		
RXA.16	Substance Expiration Date		
RXA.16.1	Time		
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier		
RXA.17.2	Text		
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		

RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

Test Data Specification

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Element	Data
Patient Name	Helen Barrett
Mother's Maiden Name	
ID Number	7120
Date/Time of Birth	03/17/1950
Administrative Sex	Female
Patient Address	763 Main St Bozeman MT 59715 USA
Local Number	(406)555-4064
Email	Helen.Barrett@isp.com
Race	White
Ethnic Group	Not Hispanic or Latino
Birth Order	1

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	03/17/1950
Publicity Code	Recall only - any method
Publicity Code Effective Date	06/25/2015
Protection Indicator	Yes
Protection Indicator Effective Date	06/25/2015

-Vaccine Administration Information-

Element	Data
Administered Code	zoster
Date/Time Start of Administration	03/17/2015
Administered Amount	999
Administered Units	
Administration Notes	Historical Administration
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

1.8.2. Consume acknowledgement message

Tests the ability to consume an ACK message containing a fatal error

Test Story

Description The IIS has a mapping error in their CVX table and is unable to recognize the CVX code sent in RXA-5 even though it is valid. The IIS is unable to identify the appropriate vaccine, which is a required element, and rejects the message. The acknowledgement message returned contains errors for the table mapping, missing required field (RXA-5) and missing required segment (RXA). **Comments** No Comments -PreCondition A VXU message is generated by the EHR. **PostCondition** No PostCondition **Test Objectives** No Test Objectives **Evaluation Criteria** The errors returned in the ACK message must be visible in the EHR.

Notes to Testers

No Note

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625121047.853-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	20428	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

I—————————————————————————————————————	1	
MSH.21.4	Universal ID Type	
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	IIS
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	wcEHR
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AE	
MSA.2	Message Control ID	35560	

ERR : Error

Location	Data Element	Data	Categorization
ERR.2	Error Location		
ERR.2.1	Segment ID	RXA	
ERR.2.2	Segment Sequence	1	
ERR.2.3	Field Position	5	
ERR.2.4	Field Repetition	1	
ERR.2.5	Component Number	1	
ERR.2.6	Sub-Component Number		
ERR.3	HL7 Error Code		
ERR.3.1	Identifier	999	
ERR.3.2	Text	Application error	
ERR.3.3	Name of Coding System	HL70357	
ERR.3.5	Alternate Text		
ERR.3.6	Name of Alternate Coding System		
ERR.4	Severity	E	
ERR.5	Application Error Code		
ERR.5.1	Identifier	5	
ERR.5.2	Text	Table value not found	
ERR.5.3	Name of Coding System	HL70533	

Alternate Text		
Name of Alternate Coding System		
User Message	Vaccine code not recognized - message rejected	
	Name of Alternate Coding System	Name of Alternate Coding System Vaccine code not recognized - message

Juror Document

Return an Acknowledgement	
Test Case ID	TC-8
Juror ID	
Juror Name	
HIT System Tested	
Inspection Date/Time	
Inspection Settlement (Pass/Fail)	Pass Fail
Reason Failed	
Juror Comments	

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which an Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK error notification message correctly; the issue identified in the error notification <u>must be made visible</u> in the system.

1.9. TC-9

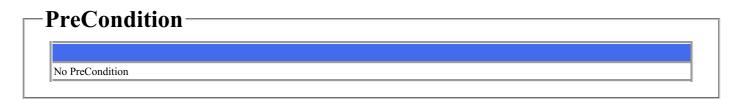
New administration resulting in soft error

Test Story

Description

A patient is seen at a clinic. A new administration is recorded. The IIS is able to process the administration message but finds a soft error (warning) which it returns in the acknowledgement message.

No Comments



PostCondition The returned error must be visible in the EHR.

Test Objectives

This test case assesses the ability of the EHR to accept an acknowledgement message with a soft warning error being returned by the IIS.

No evaluation criteria

Notes to Testers—		
No Note]

1.9.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

Layton). A clinic sta Thomas (physician I covered by insurance Sheet (VIS) to review once it is incorporate	e, Ashley Jennifer Broadber f member collects basic particles of 654) reviews the patient and does not qualify for a reading it, she agred into the local IIS. An application of the Jackson (ID 7824) properties of the properties	atient demographic in 's vaccination history Ill Vaccine For Child ees that the child sho propriate dose of Hep	nformation including and determines the laren (VFC) supplied and receive the Hepp B (ENGERIX-B)	g name, date of bi at the child require vaccines. The mo B vaccine. She al is selected from the	rth and sex. A cli es a Hep B vaccin other is given the so agrees that the ne clinic's stock of	inic provider, Wili nation. The child is Vaccine Informati data should be sh of privately funded
Comment	S					
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PreCondi	tion					
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PreCondi						
PreCondi						
PreCondi						

Evaluation Criteria

No evaluation criteria

Notes to Testers

No Note

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625103328.757-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	81883	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

MSH.21.4	Universal ID Type	
WISI1.21.4		
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	wcEHR
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	IIS
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	77100	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Broadbent	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Ashley	
PID.5.3	Second and Further Given Names or Initials Thereof	Jennifer	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname	Layton	
PID.6.1.2	Own Surname Prefix		

PID.6.1.3	Own Surname		
PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		
PID.6.7	Name Type Code	M	
PID.7	Date/Time of Birth		
PID.7.1	Time	20150516	
PID.8	Administrative Sex	F	
PID.10	Race		
PID.10.1	Identifier	2054-5	
PID.10.2	Text	African American	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	901 North 12th St	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5552262	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

TDI. Taucht Audhumai Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	03	
PD1.11.2	Text	Reminder/recall - no calls	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	N	
PD1.13	Protection Indicator Effective Date	20150625	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20150516	
PD1.18	Publicity Code Effective Date	20150625	

NK1: Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Broadbent	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	Ellen	
NK1.2.3	Second and Further Given Names or Initials Thereof		
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	MTH	
NK1.3.2	Text	Mother	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	901 North 12th St	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		

NK1.4.3	City	Bozeman	
NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5552262	

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	3881	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	13926	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		

ORC.12.1	ID Number	654
ORC.12.2	Family Name	
ORC.12.2.1	Surname	Thomas
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	Wilma
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	wcEHR
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	L
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	MD
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150625	
RXA.5	Administered Code		
RXA.5.1	Identifier	58160-0820-01	
RXA.5.2	Text	ENGERIX-B	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate		

DVA	Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	797397	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20151203	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	SKB	
RXA.17.2	Text	GlaxoSmithKline	
RXA.17.3	Name of Coding System		
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate		

	Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	LT	
RXR.2.2	Text	Left Thigh	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

OBX[*]-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location Data Element	Data	Categorization
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OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150625	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Test Data Specification

Patient Information

Element	Data	
Patient Name	Ashley Jennifer Broadbent	
Mother's Maiden Name	Layton	
ID Number	77100	
Date/Time of Birth	05/16/2015	
Administrative Sex	Female	
Patient Address	901 North 12th St Bozeman MT 59715 USA	
Local Number	(406)555-2262	
Race	African American	
Ethnic Group	Not Hispanic or Latino	
Birth Order	1	

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	05/16/2015
Publicity Code	Reminder/recall - no calls
Publicity Code Effective Date	06/25/2015
Protection Indicator	No
Protection Indicator Effective Date	06/25/2015

Guardian or Responsible Party-

Element	Data
Name	Ellen Broadbent
Relationship	Mother
Address	901 North 12th St Bozeman MT 59715 USA
Phone Number	(406)555-2262

-Vaccine Administration Information-

Element	Data
Administered Code	ENGERIX-B
Date/Time Start of Administration	06/25/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	797397
Substance Expiration Date	12/03/2015
Substance Manufacturer Name	GlaxoSmithKline
Substance/Treatment Refusal Reason	
Completion Status	СР
Action Code	Add
Route	Intramuscular
Administration Site	Left Thigh
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Hepatitis B VIS
Date Vis Presented	

1.9.2. Consume acknowledgement message

Tests the ability to consume an ACK message containing a warning

Test Story

No Note

A mannii	ng error in the IIS software results in the IIS being unable to recognize the administration site sent in
	ven though it is valid. The acknowledgement message returned contains a warning for an invalid
value.	
Comn	nents
N. C.	
No Comme	nts
reCo	ondition———————————————————————————————————
A VXU	message is generated by the EHR.
PostC	Condition———————————————————————————————————
No PostCo	ndition
est (Objectives
CSC	>bjecuves
No Test Ob	jectives
'walu	ation Criteria
vaiu	ation Criteria
The error re	eturned in the acknowledgement message is visible in the system responsible for the content of the administration message.

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625103328.758-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	23842	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		

MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		
MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	wcEHR	
MSH.23.1 MSH.23.6	Organization Name Assigning Authority	wcEHR	
	-	wcEHR	
MSH.23.6	Assigning Authority	wcEHR	
MSH.23.6 MSH.23.6.1	Assigning Authority Namespace ID	wcEHR	
MSH.23.6 MSH.23.6.1 MSH.23.6.2	Assigning Authority Namespace ID Universal ID	wcEHR	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AE	
MSA.2	Message Control ID	81883	

ERR : Error

Location	Data Element	Data	Categorization
ERR.2	Error Location		
ERR.2.1	Segment ID	RXR	
ERR.2.2	Segment Sequence	2	
ERR.2.3	Field Position	1	
ERR.2.4	Field Repetition	1	
ERR.2.5	Component Number		
ERR.2.6	Sub-Component Number		
ERR.3	HL7 Error Code		
ERR.3.1	Identifier	999	
ERR.3.2	Text	Application error	
ERR.3.3	Name of Coding System	HL70357	
ERR.3.5	Alternate Text		
ERR.3.6	Name of Alternate Coding System		
ERR.4	Severity	W	
ERR.5	Application Error Code		
ERR.5.1	Identifier	5	
ERR.5.2	Text	Table value not found	
ERR.5.3	Name of Coding System	HL70533	
ERR.5.5	Alternate Text		
ERR.5.6	Name of Alternate Coding System		
ERR.8	User Message	Administration Site not recognized - site data will not be saved	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-9	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
	Pass	Fail
Inspection Settlement (Pass/Fail)		
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which an Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK error notification message correctly; the issue identified in the error notification <u>must be made visible</u> in the system.

1.10. TC-10

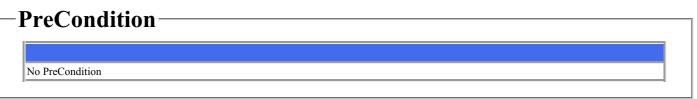
New administration resulting in multiple soft errors

Test Story

Description

A patient is seen at a clinic. A new administration is recorded. The IIS is able to process the administration message but finds multiple soft errors (warnings) which it returns in the acknowledgement message.

Comments No Comments



The returned error must be visible in the EHR.

Test Objectives

This test case assesses the ability of the EHR to accept an acknowledgement message with multiple soft errors being returned by the IIS.

Evaluation Criteria	
Evaluation Criteria	
No evaluation criteria	

Notes to Testers—		
No Note]

1.10.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

collects basic pareviews the pati covered by insu Information Sho be shared once clinic's stock of	nale, Lacy Wells, is brought to the West Clinic for a well child visit by her guardian Janelle Trudeau. A clinic staff member trient demographic information including name, date of birth and sex. A clinic provider, Wilma Thomas (physician ID 654) ent's vaccination history and determines that the child requires DTaP, polio, MMR and varicella vaccinations. The child is rance and does not qualify for all Vaccine For Children (VFC) supplied vaccines. The guardian is given the appropriate Vaccinet (VIS) to review. After reading it, she agrees that the child should receive all the vaccines. She also agrees that the data shout it is incorporated into the local IIS. Appropriate doses of DTap-IPV (KINRIX) and MMRV (ProQuad) are selected from the 'privately funded vaccines. A clinician, Lily Jackson (ID 7824) prepares and administers the doses to the patient and enters the like and transmits it to the IIS.
Comme	nts
No Comments	
110 00111111011110	
~	74.4
reCon	dition ————————————————————————————————————
No PreConditio	n
	30.0
ostCoi	ndition———————————————————————————————————
PostCoi	ndition ————————————————————————————————————
No PostConditi	on
No PostConditi	

Evaluation Criteria

No evaluation criteria

Notes to Testers

No Note

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625115038.030-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	10746	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

MSH.21.4	Universal ID Type	
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	wcEHR
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	IIS
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	22533	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Wells	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Lacy	
PID.5.3	Second and Further Given Names or Initials Thereof		
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		

PID.6.1.3	Own Surname		
PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		
PID.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	20110430	
PID.8	Administrative Sex	F	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	12 North Oak St	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5552914	
PID.22	Ethnic Group		
PID.22.1	Identifier	2186-5	
PID.22.2	Text	Not Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

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Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	01	
PD1.11.2	Text	No reminder/recall	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	Y	
PD1.13	Protection Indicator Effective Date	20150625	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20110430	
PD1.18	Publicity Code Effective Date	20150625	

NK1: Next of Kin / Associated Parties-

Location	Data Element	Data	Categorization
NK1.1	Set ID - NK1	1	
NK1.2	Name		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Trudeau	
NK1.2.1.2	Own Surname Prefix		
NK1.2.1.3	Own Surname		
NK1.2.1.4	Surname Prefix From Partner/Spouse		
NK1.2.1.5	Surname From Partner/Spouse		
NK1.2.2	Given Name	Janelle	
NK1.2.3	Second and Further Given Names or Initials Thereof		
NK1.2.7	Name Type Code	L	
NK1.3	Relationship		
NK1.3.1	Identifier	GRD	
NK1.3.2	Text	Guardian	
NK1.3.3	Name of Coding System	HL70063	
NK1.3.5	Alternate Text		
NK1.3.6	Name of Alternate Coding System		
NK1.4	Address		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	12 North Oak St	
NK1.4.1.2	Street Name		
NK1.4.1.3	Dwelling Number		
NK1.4.2	Other Designation		

NK1.4.3	City	Bozeman	
NK1.4.4	State or Province	MT	
NK1.4.5	Zip or Postal Code	59715	
NK1.4.6	Country	USA	
NK1.4.7	Address Type	P	
NK1.5	Phone Number		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	РН	
NK1.5.4	Email Address		
NK1.5.6	Area/City Code	406	
NK1.5.7	Local Number	5552914	

ORC[*]-

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	657	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	68544	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		

ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	7553	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	8671	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		

ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
ORC.10.9	Assigning Authority		
ORC.10.9.1	Namespace ID	wcEHR	
ORC.10.9.2	Universal ID		
ORC.10.9.3	Universal ID Type		
ORC.10.10	Name Type Code	L	
ORC.10.12	Check Digit Scheme		
ORC.10.13	Identifier Type Code	PRN	
ORC.12	Ordering Provider		
ORC.12.1	ID Number	654	
ORC.12.2	Family Name		
ORC.12.2.1	Surname	Thomas	
ORC.12.2.2	Own Surname Prefix		
ORC.12.2.3	Own Surname		
ORC.12.2.4	Surname Prefix From Partner/Spouse		
ORC.12.2.5	Surname From Partner/Spouse		
ORC.12.3	Given Name	Wilma	
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth	
ORC.12.9	Assigning Authority		
ORC.12.9.1	Namespace ID	wcEHR	
ORC.12.9.2	Universal ID		
ORC.12.9.3	Universal ID Type		
ORC.12.10	Name Type Code	L	
ORC.12.12	Check Digit Scheme		
ORC.12.13	Identifier Type Code	MD	
ORC.17	Entering Organization		
ORC.17.1	Identifier	wcEHR	
ORC.17.2	Text	West Clinic	
ORC.17.3	Name of Coding System	HL70362	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

-RXA[*]-

-RXA: Pharmacy/Treatment Administration-

	Location	Data Element	Data	Categorization
ш				

RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150625	
RXA.5	Administered Code		
RXA.5.1	Identifier	00006-4171-01	
RXA.5.2	Text	ProQuad	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		

RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	wcEHR
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.15	Substance Lot Number	407453
RXA.16	Substance Expiration Date	
RXA.16.1	Time	20151015
RXA.17	Substance Manufacturer Name	
RXA.17.1	Identifier	MSD
RXA.17.2	Text	Merck and Co., Inc.
RXA.17.3	Name of Coding System	MVX
RXA.17.5	Alternate Text	
RXA.17.6	Name of Alternate Coding System	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	CP
RXA.21	Action Code - RXA	A

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150625	
RXA.5	Administered Code		
RXA.5.1	Identifier	58160-0812-01	
RXA.5.2	Text	KINRIX	
RXA.5.3	Name of Coding System	NDC	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text	mL	
	Name of Coding		

RXA.7.3	System	UCUM	
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	New Record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID	wcEHR	
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code	L	
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code	PRN	
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number	88402	
RXA.16	Substance Expiration Date		
RXA.16.1	Time	20150730	
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier	SKB	
RXA.17.2	Text	GlaxoSmithKline	
RXA.17.3	Name of Coding System	MVX	
RXA.17.5	Alternate Text		
RXA.17.6	Name of Alternate Coding System		
RXA.18	Substance/Treatment		

RXA.18.1	Refusal Reason Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

-RXR[*]-

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C38299	
RXR.1.2	Text	Subcutaneous	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	RD	
RXR.2.2	Text	Right Deltoid	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

-RXR: Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	Intramuscular	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier	LD	
RXR.2.2	Text	Left Deltoid	
RXR.2.3	Name of Coding System	HL70163	
RXR.2.5	Alternate Text		

RXR 2.6	Name of Alternate	
KAK.2.0	Coding System	

OBX[*]-

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	64994-7	
OBX.3.2	Text	Vaccine Funding	

		Program Eligibility	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
	Name of Alternate		

OBX.6.6	Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150625	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

	Data	Categorization
Set ID - OBX	2	
Value Type	СЕ	
Observation Identifier		
Identifier	64994-7	
Text	Vaccine Funding Program Eligibility	
Name of Coding System	LN	
Alternate Text		
Name of Alternate Coding System		
Observation Sub-ID	2	
	Observation Identifier Identifier Text Name of Coding System Alternate Text Name of Alternate Coding System	Observation Identifier Identifier 64994-7 Text Vaccine Funding Program Eligibility Name of Coding System Alternate Text Name of Alternate Coding System

OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier	VXC40	
OBX.17.2	Text	per immunization	
OBX.17.3	Name of Coding System	CDCPHINVS	
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	69764-9	
OBX.3.2	Text	Document Type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		

OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	20150625	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	5	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		

OBX.3.1	Identifier	69764-9
OBX.3.2	Text	Document Type
OBX.3.3	Name of Coding System	LN
OBX.3.5	Alternate Text	
OBX.3.6	Name of Alternate Coding System	
OBX.4	Observation Sub-ID	4
OBX.5	Observation Value	
OBX.6	Units	
OBX.6.1	Identifier	
OBX.6.2	Text	
OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	20150625
OBX.17	Observation Method	
OBX.17.1	Identifier	
OBX.17.2	Text	
OBX.17.3	Name of Coding System	
OBX.17.5	Alternate Text	
OBX.17.6	Name of Alternate Coding System	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	6	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	29769-7	
OBX.3.2	Text	Date Vis Presented	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value	20150625	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		

OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150625	
OBX.17	Observation Method		
OBX.17.1	Identifier		
OBX.17.2	Text		
OBX.17.3	Name of Coding System		
OBX.17.5	Alternate Text		
OBX.17.6	Name of Alternate Coding System		

Test Data Specification

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P	atı	ant	Int <i>i</i>	ìrm	ation -
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Element	Data
Patient Name	Lacy Wells
Mother's Maiden Name	
ID Number	22533
Date/Time of Birth	04/30/2011
Administrative Sex	Female
Patient Address	12 North Oak St Bozeman MT 59715 USA
Local Number	(406)555-2914
Race	White
Ethnic Group	Not Hispanic or Latino
Birth Order	1

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	04/30/2011
Publicity Code	No reminder/recall
Publicity Code Effective Date	06/25/2015
Protection Indicator	Yes
Protection Indicator Effective Date	06/25/2015

Guardian or Responsible Party-

Element	Data
Name	Janelle Trudeau
Relationship	Guardian
Address	12 North Oak St Bozeman MT 59715 USA
Phone Number	(406)555-2914

-Vaccine Administration Information-

Element	Data	
Administered Code	ProQuad	
Date/Time Start of Administration	06/25/2015	
Administered Amount	0.5	
Administered Units	mL	
Administration Notes	New Record	
Administering Provider	Lily Jackson	
Substance Lot Number	407453	
Substance Expiration Date	10/15/2015	
Substance Manufacturer Name	Merck and Co., Inc.	
Substance/Treatment Refusal Reason		
Completion Status	СР	
Action Code	Add	
Route	Subcutaneous	
Administration Site	Right Deltoid	
Entering Organization	West Clinic	
Entered By	Lily Jackson	
Ordered By	Wilma Thomas	

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Measles/Mumps/Rubella/Varicella VIS
Date Vis Presented	

-Vaccine Administration Information-

Element	Data
Administered Code	KINRIX
Date/Time Start of Administration	06/25/2015
Administered Amount	0.5
Administered Units	mL
Administration Notes	New Record
Administering Provider	Lily Jackson
Substance Lot Number	88402
Substance Expiration Date	07/30/2015
Substance Manufacturer Name	GlaxoSmithKline
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	Intramuscular
Administration Site	Left Deltoid
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	Wilma Thomas

Observations-

Element	Data
Vaccine Funding Source	Private
Vaccine Funding Program Eligibility	Not VFC Eligible
Document Type	Polio VIS
Date Vis Presented	
Document Type	Diphtheria/Tetanus/Pertussis (DTaP) VIS
Date Vis Presented	

1.10.2. Consume acknowledgement message

Tests the ability to consume an ACK message containing multiple warnings

Test Story

Description A mapping error in the IIS software results in the IIS being unable to recognize either administration site sent in RXR-2 even though it is valid. The acknowledgement message returned contains warnings for the invalid values. **Comments** No Comments **PreCondition** A VXU message is generated by the EHR. **PostCondition** No PostCondition **Test Objectives** No Test Objectives Evaluation Criteria The errors returned in the acknowledgement message are visible in the system responsible for the content of the administration message.

Notes to Testers

No Note

Message Contents

-MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625115038.044-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	29540	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

NGT 21 4	III	
MSH.21.4	Universal ID Type	
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	IIS
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	wcEHR
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AE	
MSA.2	Message Control ID	10746	

-ERR[*]-

ERR : Error

Location	Data Element	Data	Categorization
ERR.2	Error Location		
ERR.2.1	Segment ID	RXR	
ERR.2.2	Segment Sequence	1	
ERR.2.3	Field Position	2	
ERR.2.4	Field Repetition	1	
ERR.2.5	Component Number	1	
ERR.2.6	Sub-Component Number		
ERR.3	HL7 Error Code		
ERR.3.1	Identifier	999	
ERR.3.2	Text	Application error	
ERR.3.3	Name of Coding System	HL70357	
ERR.3.5	Alternate Text		
ERR.3.6	Name of Alternate Coding System		
ERR.4	Severity	W	
ERR.5	Application Error Code		

ERR.5.1	Identifier	5	
ERR.5.2	Text	Table value not found	
ERR.5.3	Name of Coding System	HL70533	
ERR.5.5	Alternate Text		
ERR.5.6	Name of Alternate Coding System		
ERR.8	User Message	Administration Site not recognized - site data will not be saved	

ERR : Error

Location	Data Element	Data	Categorization
ERR.2	Error Location		
ERR.2.1	Segment ID	RXR	
ERR.2.2	Segment Sequence	2	
ERR.2.3	Field Position	2	
ERR.2.4	Field Repetition	1	
ERR.2.5	Component Number	1	
ERR.2.6	Sub-Component Number		
ERR.3	HL7 Error Code		
ERR.3.1	Identifier	999	
ERR.3.2	Text	Application error	
ERR.3.3	Name of Coding System	HL70357	
ERR.3.5	Alternate Text		
ERR.3.6	Name of Alternate Coding System		
ERR.4	Severity	W	
ERR.5	Application Error Code		
ERR.5.1	Identifier	5	
ERR.5.2	Text	Table value not found	
ERR.5.3	Name of Coding System	HL70533	
ERR.5.5	Alternate Text		
ERR.5.6	Name of Alternate Coding System		
ERR.8	User Message	Administration Site not recognized - site data will not be saved	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-10	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
Inspection Settlement (Pass/Fail)	Pass	Fail
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which an Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK error notification message correctly; the issue identified in the error notification <u>must be made visible</u> in the system.

1.11. TC-11

Historical administration resulting in system error

Test Story

Description

A patient is seen at a clinic. A historical vaccination is recorded but the IIS is unable to process the administration message, rejects it and returns a fatal error in the? acknowledgement?message.

Comments

No Comments

-PreCondition -

No PreCondition

-PostCondition

The returned error must be visible in the EHR.

Test Objectives

This test case assesses the ability of the EHR to accept an acknowledgement message with a fatal system error being returned by the IIS.

-Evaluation Criteria-

No evaluation criteria

Notes to Testers				
No Note]

1.11.1. Send administration message

Tests the ability to create a valid VXU^V04 message

Test Story

- cscripti	on ————————————————————————————————————
nformation includir October 21, 2014. T	Manuel Diego Vasquez, comes to the West Clinic for a physical. A clinic staff member collects basic patient demographic g name, date of birth and sex. The patient reports that he received a pneumococcal vaccination at a local pharmacy on he clinic staff determine that no further vaccinations are required. A clinician, Lily Jackson (ID 7824) enters the historical ad transmits it to the IIS.
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No Comments	
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reCondi	tion — — — — — — — — — — — — — — — — — — —
No PreCondition	
ostCond	ition———————————————————————————————————
No PostCondition	
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No Test Objectives	
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Evaluatio	n Criteria — — — — — — — — — — — — — — — — — — —
Evaluatio	n Criteria
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Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator	İI .	
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625072816.601-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
MSH.10	Message Control ID	41821	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	wcEHR	
MSH.22.6	Assigning Authority		

MSH.22.6.1	Namespace ID	
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	
MSH.22.10	Organization Identifier	
MSH.23	Receiving Responsible Organization	
	0	
MSH.23.1	Organization Name	IIS
MSH.23.1 MSH.23.6	Organization Name Assigning Authority	IIS
	 	IIS
MSH.23.6	Assigning Authority	IIS
MSH.23.6 MSH.23.6.1	Assigning Authority Namespace ID	IIS
MSH.23.6 MSH.23.6.1 MSH.23.6.2	Assigning Authority Namespace ID Universal ID	IIS

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	21142	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	wcEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Vasquez	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Manuel	
PID.5.3	Second and Further Given Names or Initials Thereof	Diego	
PID.5.7	Name Type Code	L	
PID.6	Mother's Maiden Name		
PID.6.1	Family Name		
PID.6.1.1	Surname		
PID.6.1.2	Own Surname Prefix		
PID.6.1.3	Own Surname		
PID.6.1.4	Surname Prefix From Partner/Spouse		
PID.6.1.5	Surname From Partner/Spouse		

PID.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	19470215	
PID.8	Administrative Sex	M	
PID.10	Race		
PID.10.1	Identifier	2106-3	
PID.10.2	Text	White	
PID.10.3	Name of Coding System	CDCREC	
PID.10.5	Alternate Text		
PID.10.6	Name of Alternate Coding System		
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	227 Park Ave	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Bozeman	
PID.11.4	State or Province	MT	
PID.11.5	Zip or Postal Code	59715	
PID.11.6	Country	USA	
PID.11.7	Address Type	P	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	PRN	
PID.13.3	Telecommunication Equipment Type	РН	
PID.13.4	Email Address		
PID.13.6	Area/City Code	406	
PID.13.7	Local Number	5555815	
PID.13	Phone Number - Home		
PID.13.2	Telecommunication Use Code	NET	
PID.13.3	Telecommunication Equipment Type		
PID.13.4	Email Address	Manuel.Vasquez@isp.com	
PID.13.6	Area/City Code		
PID.13.7	Local Number		
PID.22	Ethnic Group		
PID.22.1	Identifier	2135-2	
PID.22.2	Text	Hispanic or Latino	
PID.22.3	Name of Coding System	CDCREC	
PID.22.5	Alternate Text		
PID.22.6	Name of Alternate Coding System		
PID.24	Multiple Birth Indicator	N	
PID.25	Birth Order	1	
PID.29	Patient Death Date and Time		
PID.29.1	Time		
PID.30	Patient Death Indicator	N	

PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1.11	Publicity Code		
PD1.11.1	Identifier	01	
PD1.11.2	Text	No reminder/recall	
PD1.11.3	Name of Coding System	HL70215	
PD1.11.5	Alternate Text		
PD1.11.6	Name of Alternate Coding System		
PD1.12	Protection Indicator	N	
PD1.13	Protection Indicator Effective Date	20150625	
PD1.16	Immunization Registry Status	A	
PD1.17	Immunization Registry Status Effective Date	20150625	
PD1.18	Publicity Code Effective Date	20150625	

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	4486	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	31165	
ORC.3.2	Namespace ID	wcEHR	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.10	Entered By		
ORC.10.1	ID Number	7824	
ORC.10.2	Family Name		
ORC.10.2.1	Surname	Jackson	
ORC.10.2.2	Own Surname Prefix		
ORC.10.2.3	Own Surname		
ORC.10.2.4	Surname Prefix From Partner/Spouse		
ORC.10.2.5	Surname From Partner/Spouse		
ORC.10.3	Given Name	Lily	
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne	

ORC.10.9	Assigning Authority	
ORC.10.9.1	Namespace ID	wcEHR
ORC.10.9.2	Universal ID	
ORC.10.9.3	Universal ID Type	
ORC.10.10	Name Type Code	L
ORC.10.12	Check Digit Scheme	
ORC.10.13	Identifier Type Code	PRN
ORC.12	Ordering Provider	
ORC.12.1	ID Number	
ORC.12.2	Family Name	
ORC.12.2.1	Surname	
ORC.12.2.2	Own Surname Prefix	
ORC.12.2.3	Own Surname	
ORC.12.2.4	Surname Prefix From Partner/Spouse	
ORC.12.2.5	Surname From Partner/Spouse	
ORC.12.3	Given Name	
ORC.12.4	Second and Further Given Names or Initials Thereof	
ORC.12.9	Assigning Authority	
ORC.12.9.1	Namespace ID	
ORC.12.9.2	Universal ID	
ORC.12.9.3	Universal ID Type	
ORC.12.10	Name Type Code	
ORC.12.12	Check Digit Scheme	
ORC.12.13	Identifier Type Code	
ORC.17	Entering Organization	
ORC.17.1	Identifier	wcEHR
ORC.17.2	Text	West Clinic
ORC.17.3	Name of Coding System	HL70362
ORC.17.5	Alternate Text	
ORC.17.6	Name of Alternate Coding System	

-RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20141021	
RXA.5	Administered Code		
RXA.5.1	Identifier	152	
RXA.5.2	Text	Pneumococcal Conjugate, unspecified formulation	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		

RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	Historical Administration	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.15	Substance Lot Number		
RXA.16	Substance Expiration Date		
RXA.16.1	Time		
RXA.17	Substance Manufacturer Name		
RXA.17.1	Identifier		
RXA.17.2	Text		
RXA.17.3	Name of Coding System		

RXA.17.5 RXA.17.6	Alternate Text Name of Alternate Coding System		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
RXA.21	Action Code - RXA	A	

Test Data Specification

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Element	Data
Patient Name	Manuel Diego Vasquez
Mother's Maiden Name	
ID Number	21142
Date/Time of Birth	02/15/1947
Administrative Sex	Male
Patient Address	227 Park Ave Bozeman MT 59715 USA
Local Number	(406)555-5815
Email	Manuel.Vasquez@isp.com
Race	White
Ethnic Group	Hispanic or Latino
Birth Order	1

Immunization Registry Information

Element	Data
Immunization Registry Status	A
Immunization Registry Status Effective Date	06/25/2015
Publicity Code	No reminder/recall
Publicity Code Effective Date	06/25/2015
Protection Indicator	No
Protection Indicator Effective Date	06/25/2015

-Vaccine Administration Information-

Element	Data
Administered Code	Pneumococcal Conjugate, unspecified formulation
Date/Time Start of Administration	10/21/2014
Administered Amount	999
Administered Units	
Administration Notes	Historical Administration
Administering Provider	
Substance Lot Number	
Substance Expiration Date	
Substance Manufacturer Name	
Substance/Treatment Refusal Reason	
Completion Status	CP
Action Code	Add
Route	
Administration Site	
Entering Organization	West Clinic
Entered By	Lily Jackson
Ordered By	

1.11.2. Consume acknowledgement message

Tests the ability to consume an ACK message containing a system error

Test Story

No Note

escription —	
	re, the IIS is unable to recognize the HL7 version ID sent in MSH-12 even though it is valid. The med contains an error for an unsupported version ID.
omments——	
Comments	
Comments	
oCanditian	
eCondition—	
/XU message is generated by	the EHR.
stCondition-	
PostCondition	
est Objectives	S
Test Objectives	
Test Objectives	
valvation Cri	40
aluation Cri	teria
e error returned in the acknow	eledgement message is visible in the system responsible for the content of the administration message.

Message Contents

-MSH : Message Header-

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	IIS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	wcEHR	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150625072816.602-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	ACK	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	ACK	
MSH.10	Message Control ID	48026	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z23	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	IIS	
MSH.22.6	Assigning Authority		

MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		
MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
	0		
MSH.23.1	Organization Name	wcEHR	
MSH.23.1 MSH.23.6	<u> </u>	wcEHR	
	Organization Name	wcEHR	
MSH.23.6	Organization Name Assigning Authority	wcEHR	
MSH.23.6 MSH.23.6.1	Organization Name Assigning Authority Namespace ID	wcEHR	
MSH.23.6 MSH.23.6.1 MSH.23.6.2	Organization Name Assigning Authority Namespace ID Universal ID	wcEHR	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AR	
MSA.2	Message Control ID	41821	

ERR : Error

Location	Data Element	Data	Categorization
ERR.2	Error Location		
ERR.2.1	Segment ID	MSH	
ERR.2.2	Segment Sequence	12	
ERR.2.3	Field Position	1	
ERR.2.4	Field Repetition	1	
ERR.2.5	Component Number		
ERR.2.6	Sub-Component Number		
ERR.3	HL7 Error Code		
ERR.3.1	Identifier	203	
ERR.3.2	Text	Unsupported Version ID	
ERR.3.3	Name of Coding System	HL70357	
ERR.3.5	Alternate Text		
ERR.3.6	Name of Alternate Coding System		
ERR.4	Severity	E	
ERR.5	Application Error Code		
ERR.5.1	Identifier		
ERR.5.2	Text		
ERR.5.3	Name of Coding System		
ERR.5.5	Alternate Text		
ERR.5.6	Name of Alternate Coding System		
ERR.8	User Message	Version ID not recognized - message rejected	

Juror Document

Return an Acknowledgement		
Test Case ID	TC-11	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
Inspection Settlement (Pass/Fail)	Pass	Fail
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the health information technology's ability to receive and process a Return an Acknowledgement Z23 message (in response to a "Send Unsolicited Immunization Update Using a VXU" Z22 message) in which an Error is returned in the message.

The exact wording and format of the display in the health information technology (HIT) is not in-scope for this test.

Return an Acknowledgement

The receiving HIT system being tested shall process the Z23 ACK error notification message correctly; the issue identified in the error notification <u>must be made visible</u> in the system.

2. Evaluated History and Forecast Group

This set of tests evaluates the EHR's ability to create well-formed queries and gracefully accept the response messages. It evaluates that the clinician is shown the results of the query.

2.1. Q R TC-1

QBP for young adult with immunization history

Test Story

Description —	
A young adult is seen by a clini history and forecast for that per	cian. The clinician uses the EHR to request and evaluated history and forecast. The IIS returns an evaluated son.
Comments —	
No Comments	
PreCondition-	
The person has a record in the I	IS.
P	
PostCondition	
PostCondition	
No PostCondition	
No PostCondition	
No PostCondition Test Objective	<u>s</u>
No PostCondition Fest Objective Evaluates EHR ability to create	
No PostCondition Fest Objective Evaluates EHR ability to create	<u>s</u>
No PostCondition Fest Objective Evaluates EHR ability to create	<u>s</u>
No PostCondition Fest Objective Evaluates EHR ability to create forecast for that person.	S a well formed query for a young adult. Evaluates EHR ability to accept a response with evaluated history and
No PostCondition Fest Objective Evaluates EHR ability to create forecast for that person.	S a well formed query for a young adult. Evaluates EHR ability to accept a response with evaluated history and
No PostCondition Fest Objective Evaluates EHR ability to create forecast for that person. Evaluation Cr	S a well formed query for a young adult. Evaluates EHR ability to accept a response with evaluated history and
No PostCondition Fest Objective Evaluates EHR ability to create forecast for that person.	S a well formed query for a young adult. Evaluates EHR ability to accept a response with evaluated history and
No PostCondition Fest Objective Evaluates EHR ability to create forecast for that person. Evaluation Cr	S a well formed query for a young adult. Evaluates EHR ability to accept a response with evaluated history and
No PostCondition Fest Objective Evaluates EHR ability to create forecast for that person. Evaluation Cr	a well formed query for a young adult. Evaluates EHR ability to accept a response with evaluated history and iteria

2.1.1. send query

Query requests an evaluated history and forecast for a young adult

Test Story

—Description ————————————————————————————————————	
No Description	
•	
-Comments	
Comments	
No Comments	
-PreCondition	
No PreCondition	
- Treeslation	
PostCondition———————————————————————————————————	
rostCondition	
No PostCondition	
Test Objectives—	
No Test Objectives	
Evaluation Criteria————————————————————————————————————	
Evaluation Criteria	
No evaluation criteria	
Notes to Testers	
No Note	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyEHR	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	DCS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MyIIS	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	StatePH	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150531145156-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	QBP	
MSH.9.2	Trigger Event	Q11	
MSH.9.3	Message Structure	QBP_Q11	
MSH.10	Message Control ID	443533469	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z44	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	DCS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID	DCS	
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	XX	
MSH.22.10	Organization Identifier	6439432	
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	StatePH	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

QPD: Query Parameter Definition

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	37374859	
QPD.3	PatientList		
QPD.3.1	ID Number	12993456	
QPD.3.3	Check Digit Scheme		
QPD.3.4	Assigning Authority		
QPD.3.4.1	Namespace ID	MYEHR	
QPD.3.4.2	Universal ID		
QPD.3.4.3	Universal ID Type		
QPD.3.5	Identifier Type Code	MR	
QPD.4	PatientName		
QPD.4.1	Family Name		
QPD.4.1.1	Surname	Stanley	
QPD.4.1.2	Own Surname Prefix		
QPD.4.1.3	Own Surname		
QPD.4.1.4	Surname Prefix From Partner/Spouse		
QPD.4.1.5	Surname From Partner/Spouse		
QPD.4.2	Given Name	Sally	
QPD.4.3	Second and Further Given Names or Initials Thereof	S	
QPD.4.7	Name Type Code	L	
QPD.5	PatientMotherMaidenName		
QPD.5.1	Family Name		
QPD.5.1.1	Surname		
QPD.5.1.2	Own Surname Prefix		

QPD.5.1.3	Own Surname	
QPD.5.1.4	Surname Prefix From Partner/Spouse	
QPD.5.1.5	Surname From Partner/Spouse	
QPD.5.7	Name Type Code	
QPD.6	PatientDateOfBirth	
QPD.6.1	Time	19800214
QPD.7	Patient Sex	M
QPD.8	Patient Address	
QPD.8.1	Street Address	
QPD.8.1.1	Street or Mailing Address	10 East Main St
QPD.8.1.2	Street Name	
QPD.8.1.3	Dwelling Number	
QPD.8.2	Other Designation	
QPD.8.3	City	Pretty Valley
QPD.8.4	State or Province	MI
QPD.8.5	Zip or Postal Code	
QPD.8.6	Country	
QPD.8.7	Address Type	L
QPD.9	Phone	
QPD.9.2	Telecommunication Use Code	PRN
QPD.9.3	Telecommunication Equipment Type	РН
QPD.9.4	Email Address	
QPD.9.6	Area/City Code	734
QPD.9.7	Local Number	5556712
QPD.10	Multiple birth indicator	
QPD.11	Birth order	

RCP: Response Control Parameter

Location	Data Element	Data	Categorization
RCP.1	Query Priority	I	

Test Data Specification

-Patient Information-

Element	Data
Patient Name	Sally S Stanley
Date/Time of Birth	02/14/1980
Sex	Male
Patient Address	10 East Main St Pretty Valley MI
Patient Phone	(734)555-6712

2.1.2. Send response

No Description

Test Story

—Description————————————————————————————————————	
Description	
No Description	
—Comments—	
No Comments	
To Commence	
PreCondition	
No PreCondition	
-PostCondition-	
No PostCondition	
Test Objectives	
No Test Objectives	
El	
Evaluation Criteria	
No evaluation criteria	
	*
Notes to Testers—	
No Note	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyIIS	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	StatePH	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MyEHR	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	DCS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150531145233-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	RSP	
MSH.9.2	Trigger Event	K11	
MSH.9.3	Message Structure	RSP K11	
MSH.10	Message Control ID	4483533469	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z42	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	StatePH	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID		
MSH.22.6.2	Universal ID		

MSH.22.7	Identifier Type Code		
MSH.22.10	Organization Identifier		
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	DCS	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID	DCS	
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code	XX	
MSH.23.10	Organization Identifier	6439432	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	Test Case Fixed
MSA.2	Message Control ID	793543	System Generated

QAK: Query Acknowledgment-

Location	Data Element	Data	Categorization
QAK.1	Query Tag	37374859	System Generated
QAK.2	Query Response Status	OK	Test Case Fixed
QAK.3	Message Query Name		
QAK.3.1	Identifier	Z44	
QAK.3.2	Text	request evaluated Immunization history	
QAK.3.3	Name of Coding System	CDCPHINVS	
QAK.3.5	Alternate Text		
QAK.3.6	Name of Alternate Coding System		

QPD: Query Parameter Definition

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	37374859	
QPD.3	PatientList		
QPD.3.1	ID Number	12993456	
QPD.3.3	Check Digit Scheme		

QPD.3.4	Assigning Authority	AGZELID
QPD.3.4.1	Namespace ID	MYEHR
QPD.3.4.2	Universal ID	
QPD.3.4.3	Universal ID Type	
QPD.3.5	Identifier Type Code	MR
QPD.4	PatientName	
QPD.4.1	Family Name	
QPD.4.1.1	Surname	Stanley
QPD.4.1.2	Own Surname Prefix	
QPD.4.1.3	Own Surname	
QPD.4.1.4	Surname Prefix From Partner/Spouse	
QPD.4.1.5	Surname From Partner/Spouse	
QPD.4.2	Given Name	Sally
QPD.4.3	Second and Further Given Names or Initials Thereof	S
QPD.4.7	Name Type Code	L
QPD.5	PatientMotherMaidenName	
QPD.5.1	Family Name	
QPD.5.1.1	Surname	
QPD.5.1.2	Own Surname Prefix	
QPD.5.1.3	Own Surname	
QPD.5.1.4	Surname Prefix From Partner/Spouse	
QPD.5.1.5	Surname From Partner/Spouse	
QPD.5.7	Name Type Code	
QPD.6	PatientDateOfBirth	
QPD.6.1	Time	19800214
QPD.7	Patient Sex	F
QPD.8	Patient Address	
QPD.8.1	Street Address	
QPD.8.1.1	Street or Mailing Address	10 East Main St
QPD.8.1.2	Street Name	
QPD.8.1.3	Dwelling Number	
QPD.8.2	Other Designation	
QPD.8.3	City	Pretty Valley
QPD.8.4	State or Province	MI
QPD.8.5	Zip or Postal Code	
QPD.8.6	Country	
QPD.8.7	Address Type	L
QPD.9	Phone	
QPD.9.2	Telecommunication Use Code	PRN
QPD.9.3	Telecommunication Equipment Type	РН
QPD.9.4	Email Address	
QPD.9.6	Area/City Code	734
QPD.9.7	Local Number	5556712

QPD.10	Multiple birth indicator	
QPD.11	Birth order	

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	12993456	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	MYEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.3	Patient Identifier List		
PID.3.1	ID Number	34500907	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	MyIIS	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	SR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Stanley	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Sally	
PID.5.3	Second and Further Given Names or Initials Thereof	S	
PID.5.7	Name Type Code	L	
PID.7	Date/Time of Birth		
PID.7.1	Time	19800214	
PID.8	Administrative Sex	F	
PID.11	Patient Address		
PID.11.1	Street Address		
PID.11.1.1	Street or Mailing Address	10 East Main St	
PID.11.1.2	Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Titletown	
PID.11.4	State or Province	WI	
PID.11.5	Zip or Postal Code		

PID.11.6	Country		
PID.11.7	Address Type	L	
PID.30	Patient Death Indicator		

-ORC[*]-

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197023	
ORC.3.2	Namespace ID	MyIIS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	207023	
ORC.3.2	Namespace ID	MyIIS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	

ORC.17.5	Alternate Text	
OBC 17.6	Name of Alternate	
ORC.17.6	Coding System	

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	227023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	317023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197024	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197025	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

UKC: Common Orger

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197026	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197027	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ı	Location	Data Element	Data	Categorization
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ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197028	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197029	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		

ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197123	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197223	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		

ORC.2.3	Universal ID	
ORC.2.4	Universal ID Type	
ORC.3	Filler Order Number	
ORC.3.1	Entity Identifier	197323
ORC.3.2	Namespace ID	DCS
ORC.3.3	Universal ID	
ORC.3.4	Universal ID Type	
ORC.17	Entering Organization	
ORC.17.1	Identifier	DCS
ORC.17.2	Text	Dabig Clinical System
ORC.17.2 ORC.17.3	Text Name of Coding System	Dabig Clinical System StateIIS
	Name of Coding	

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197423	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		

ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197523	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197623	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197027	

ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier		
ORC.17.2	Text		
ORC.17.3	Name of Coding System		
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

ORC: Common Order-

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier	887834	
ORC.2.2	Namespace ID	MyIIS	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	9999	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier		
ORC.17.2	Text		
ORC.17.3	Name of Coding System		
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

RXA[*]-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20090415	
RXA.5	Administered Code		
RXA.5.1	Identifier	45	

RXA.5.2	Text	Hep B NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
	I		

RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20090515	
RXA.5	Administered Code		
RXA.5.1	Identifier	45	
RXA.5.2	Text	Hep B NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		

RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	CP	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20091215	
RXA.5	Administered Code		
RXA.5.1	Identifier	45	
RXA.5.2	Text	Hep B NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		

RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	

RXA.2	Administration Sub-ID Counter	1
RXA.3	Date/Time Start of Administration	
RXA.3.1	Time	19800415
RXA.5	Administered Code	
RXA.5.1	Identifier	01
RXA.5.2	Text	DTP
RXA.5.3	Name of Coding System	CVX
RXA.5.5	Alternate Text	
RXA.5.6	Name of Alternate Coding System	
RXA.6	Administered Amount	999
RXA.7	Administered Units	
RXA.7.1	Identifier	
RXA.7.2	Text	
RXA.7.3	Name of Coding System	
RXA.7.5	Alternate Text	
RXA.7.6	Name of Alternate Coding System	
RXA.9	Administration Notes	
RXA.9.1	Identifier	01
RXA.9.2	Text	historical record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	

DVA 11 /	Facility		
RXA.11.4 RXA.11.4.1	Facility Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19800615	
RXA.5	Administered Code		
RXA.5.1	Identifier	01	
RXA.5.2	Text	DTP	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		

RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19800815	
RXA.5	Administered Code		
RXA.5.1	Identifier	01	
RXA.5.2	Text	DTP	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		

RXA.6	Administered Amount	999
RXA.7	Administered Units	
RXA.7.1	Identifier	
RXA.7.2	Text	
RXA.7.3	Name of Coding System	
RXA.7.5	Alternate Text	
RXA.7.6	Name of Alternate Coding System	
RXA.9	Administration Notes	
RXA.9.1	Identifier	01
RXA.9.2	Text	historical record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19811115	
RXA.5	Administered Code		
RXA.5.1	Identifier	01	
RXA.5.2	Text	DTP	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		

RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19860415	
RXA.5	Administered Code		
RXA.5.1	Identifier	01	
RXA.5.2	Text	DTP	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding	NIP001	

	System		
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19800415	
RXA.5	Administered Code		

RXA.5.1	Identifier	89
RXA.5.1	Text	polio NOS
	Name of Coding	
RXA.5.3	System	CVX
RXA.5.5	Alternate Text	
RXA.5.6	Name of Alternate Coding System	
RXA.6	Administered Amount	999
RXA.7	Administered Units	
RXA.7.1	Identifier	
RXA.7.2	Text	
RXA.7.3	Name of Coding System	
RXA.7.5	Alternate Text	
RXA.7.6	Name of Alternate Coding System	
RXA.9	Administration Notes	
RXA.9.1	Identifier	01
RXA.9.2	Text	historical record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment	

RXA.18.1	Refusal Reason		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19800615	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		

RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	CP

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19800910	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
	Name of Coding		

RXA.9.1 RXA.9.2 RXA.9.3 RXA.9.5	Alternate Text Name of Alternate Coding System Administration Notes Identifier Text Name of Coding System Alternate Text Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse	01 historical record NIP001	
RXA.9 RXA.9.1 RXA.9.2 RXA.9.3 RXA.9.5 RXA.9.6 RXA.10 RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.1	Coding System Administration Notes Identifier Text Name of Coding System Alternate Text Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix	historical record	
RXA.9.1 RXA.9.2 RXA.9.3 RXA.9.5 RXA.9.6 RXA.10 RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.1	Identifier Text Name of Coding System Alternate Text Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix	historical record	
RXA.9.2 RXA.9.3 RXA.9.5 RXA.9.6 RXA.10 RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.1	Text Name of Coding System Alternate Text Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix	historical record	
RXA.9.3 RXA.9.5 RXA.9.6 RXA.10 RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.1	Name of Coding System Alternate Text Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix		
RXA.9.5 RXA.9.6 RXA.10 RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.2	System Alternate Text Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix	NIP001	
RXA.9.6 RXA.10 RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.2	Name of Alternate Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname		
RXA.10	Coding System Administering Provider ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix		
RXA.10.1 RXA.10.2 RXA.10.2.1 RXA.10.2.2	ID Number Family Name Surname Own Surname Prefix Own Surname Surname Prefix		
RXA.10.2 RXA.10.2.1 RXA.10.2.2	Family Name Surname Own Surname Prefix Own Surname Surname Prefix		
RXA.10.2.1 RXA.10.2.2	Surname Own Surname Prefix Own Surname Surname Prefix		
RXA.10.2.2	Own Surname Prefix Own Surname Surname Prefix		
	Own Surname Surname Prefix		
RXA.10.2.3	Surname Prefix		
RXA.10.2.4	-		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
DYAIX	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

RXA: Pharmacy/Treatment Administration-

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19860415	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		

	Identifier Type Code Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20100415	
RXA.5	Administered Code		
RXA.5.1	Identifier	100	
RXA.5.2	Text	PCV7	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		

RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20100415	
RXA.5	Administered Code		
RXA.5.1	Identifier	139	
RXA.5.2	Text	Td NOS	
RXA.5.3	Name of Coding System	CVX	

RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		

RXA.18.5 RXA.18.6	Alternate Text Name of Alternate Coding System		
RXA.20	Completion Status	CP	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20091015	
RXA.5	Administered Code		
RXA.5.1	Identifier	88	
RXA.5.2	Text	influenza NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or		

	Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20101015	
RXA.5	Administered Code		
RXA.5.1	Identifier	141	
RXA.5.2	Text	influenza seasonal	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		

RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	
1441.20	Completion Status	<u></u>	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
	Date/Time Start of		

RXA.3	Administration		
RXA.3.1	Time	20110901	
RXA.5	Administered Code		
RXA.5.1	Identifier	140	
RXA.5.2	Text	seasonal flu	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
I .	I		

RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20150531	
RXA.5	Administered Code		
RXA.5.1	Identifier	998	
RXA.5.2	Text	no vaccine admin	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier		
RXA.9.2	Text		
RXA.9.3	Name of Coding System		
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		

	1	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	NA

OBX[*]

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	45	
OBX.5.2	Text	Hep B NOS	

OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	s F	
OBX.14	Date/Time of the Observation		

OBX.14.1 Time 20150531	1		
	Time	20150531	

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

-OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.5.1	Identifier	45	
OBX.5.2	Text	Hep B NOS	
OBX.5.3	Name of Coding System	CVX	

OBX.5.5 OBX.5.6	Alternate Text Name of Alternate Coding System	
OBX.6	Units	
OBX.6.1	Identifier	
OBX.6.2	Text	
OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	СЕ	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

-OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	45	
OBX.5.2	Text	Hep B NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		

OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Sta	tus F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

OBX : Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value		
OBX.5.1	Identifier	107	
OBX.5.2	Text	DTAP NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		

OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value		
OBX.5.1	Identifier	107	
OBX.5.2	Text	DTAP NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	

OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	6	
OBX.5	Observation Value		
OBX.5.1	Identifier	107	
OBX.5.2	Text	DTAP NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		

OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status F	
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	6	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
	7.1	ID	

OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	6	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	7	
OBX.5	Observation Value		
OBX.5.1	Identifier	107	
OBX.5.2	Text	DTAP NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate		

	Coding System	
OBX.11	Observation Result Status F	
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	7	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	

OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	7	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	8	
OBX.5	Observation Value		
OBX.5.1	Identifier	107	
OBX.5.2	Text	DTAP NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	

OBX.14	Date/Time of the	
OBX.14.1	Observation Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	8	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	

OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	8	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	9	
OBX.5	Observation Value		
OBX.5.1	Identifier	89	
OBX.5.2	Text	polio NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time		
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Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	9	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		

OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	9	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	10	
OBX.5	Observation Value		
OBX.5.1	Identifier	89	
OBX.5.2	Text	polio NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	10	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		

OBX.4	Observation Sub-ID	10	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	11	
OBX.5	Observation Value		
OBX.5.1	Identifier	89	
OBX.5.2	Text	polio NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	11	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	11	
OBX.5	Observation Value	Y	

OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	12	
OBX.5	Observation Value		
OBX.5.1	Identifier	89	
OBX.5.2	Text	polio NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	12	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	12	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		

OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	13	
OBX.5	Observation Value		
OBX.5.1	Identifier	109	
OBX.5.2	Text	pnuemococcal conjugate	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization

OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	13	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	13	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	14	
OBX.5	Observation Value		
OBX.5.1	Identifier	139	
OBX.5.2	Text	Td NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	

OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	14	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Data Element	Data	Categorization
Set ID - OBX	3	
Value Type	ID	
Observation Identifier		
Identifier	59781-5	
Text	dose validity	
Name of Coding System	LN	
Alternate Text		
Name of Alternate Coding System		
Observation Sub-ID	14	
Observation Value	Y	
Units		
Identifier		
Text		
Name of Coding System		
	Set ID - OBX Value Type Observation Identifier Identifier Text Name of Coding System Alternate Text Name of Alternate Coding System Observation Sub-ID Observation Value Units Identifier Text Name of Coding	Set ID - OBX Value Type ID Observation Identifier Identifier S9781-5 Text dose validity Name of Coding System LN Alternate Text Name of Alternate Coding System Observation Sub-ID Observation Value Vunits Identifier Text Name of Coding

OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value		
OBX.5.1	Identifier	88	
OBX.5.2	Text	influenza NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	

OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate		

	Coding System		
OBX.11	Observation Result S	tatus F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	16	
OBX.5	Observation Value		
OBX.5.1	Identifier	88	
OBX.5.2	Text	influenza NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	

OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	16	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	16	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	

OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	17	
OBX.5	Observation Value		
OBX.5.1	Identifier	88	
OBX.5.2	Text	influenza NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	
	·	•	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	

OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	17	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
	1		
OBX.6.3	Name of Coding System		
OBX.6.3 OBX.6.5			
	System		
OBX.6.5	System Alternate Text Name of Alternate	F	
OBX.6.5 OBX.6.6	System Alternate Text Name of Alternate Coding System	F	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	17	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		

|--|

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	18	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		

OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	18	
OBX.5	Observation Value		
OBX.5.1	Identifier	88	
OBX.5.2	Text	influenza NOS	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30980-7	
OBX.3.2	Text	Date vaccination due	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	18	
OBX.5	Observation Value	20150531	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30981-5	
OBX.3.2	Text	Earliest Date	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	18	
OBX.5	Observation Value	20150531	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	5	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	19	
OBX.5	Observation Value		
OBX.5.1	Identifier	VXC16	
OBX.5.2	Text	ACIP	
OBX.5.3	Name of Coding System	CDCPHINVS	
	System		

OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

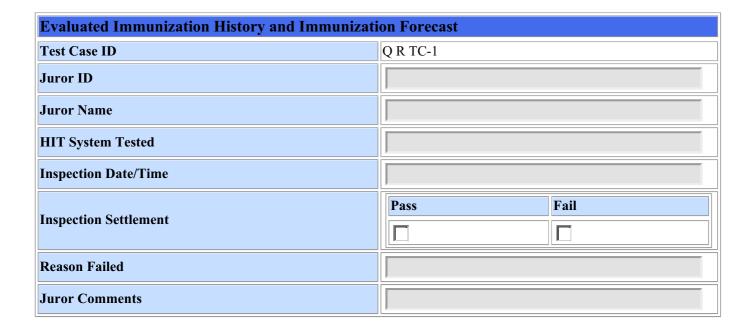
Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	6	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	19	
OBX.5	Observation Value		
OBX.5.1	Identifier	03	
OBX.5.2	Text	MMR	
OBX.5.3	Name of Coding System	CVX	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Location	Data Element	Data	Categorization		
OBX.1	Set ID - OBX	t ID - OBX			
OBX.2	Value Type	DT			
OBX.3	Observation Identifier				
OBX.3.1	Identifier	30980-7			
OBX.3.2	Text	Date vaccination due			
OBX.3.3	Name of Coding System	LN			
OBX.3.5	Alternate Text				
OBX.3.6	OBX.3.6 Name of Alternate Coding System				
OBX.4	Observation Sub-ID	19			
OBX.5	Observation Value	20150531			
OBX.6	Units				
OBX.6.1	Identifier				
OBX.6.2	Text				
OBX.6.3	Name of Coding System				
OBX.6.5	Alternate Text				
OBX.6.6	Name of Alternate Coding System				
OBX.11	Observation Result Stat	us F			
OBX.14	Date/Time of the Observation				
OBX.14.1	Time	20150531			

Location	Data Element	Data	Categorization	
OBX.1	Set ID - OBX	8		
OBX.2	Value Type	DT		
OBX.3	Observation Identifier			
OBX.3.1	Identifier	30981-5		
OBX.3.2	Text	Earliest Date		
OBX.3.3	Name of Coding System	LN		
OBX.3.5	Alternate Text			
OBX.3.6	Name of Alternate Coding System			
OBX.4	Observation Sub-ID	19		
OBX.5	Observation Value	20150531		
OBX.6	Units			
OBX.6.1	Identifier			
OBX.6.2	Text			
OBX.6.3	Name of Coding System			
OBX.6.5	Alternate Text			
OBX.6.6	Name of Alternate			

OBX.11	Observation Result Star	tus F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20150531	

Juror Document



DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the EHR technology's ability to display required core data elements from the information received in the Evaluated Immunization History and Immunization Forecast Z42 message. Additional data from the message or from the EHR are permitted to be displayed by the EHR. Grayed-out fields in the Juror Document indicate where no data for the data element indicated were included in the Z42 message for the given Test Case.

The format of this Juror Document is for ease-of-use by the Tester and does not indicate how the EHR display must be designed.

The Evaluated Immunization History and Immunization Forecast data shown in this Juror Document are derived from the Z42 message provided with the given Test Case; equivalent data are permitted to be displayed by the EHR. The column headings are meant to convey the kind of data to be displayed; equivalent labels/column headings are permitted to be displayed by the EHR.

Patient Information					
Patient Identifier	Patient Name	DOB	Gender	Tester Comment	
12993456	Sally S Stanley	02/14/1980	Female		

When displayed in the EHR with the Evaluated Immunization History and Immunization Forecast, these patient demographics data may be derived from either the received immunization message or the EHR patient record. When displaying demographics from the patient record, the EHR must be able to demonstrate a linkage between the demographics in the message (primarily the patient ID in PID-3.1) and the patient record used for display to ensure that the message was associated with the appropriate patient.

Evaluated Immunization History and Immunization Forecast					
Immunization Schedule Used Tester Comment					
ACIP					

Evaluated Immunization History							
Vaccine Group	Vaccine Administered	Date Administered	Valid Dose	Validity Reason	Completion Status*	Tester Comment	
Hep B NOS	Hep B NOS	04/15/2009	YES		Complete		
Hep B NOS	Hep B NOS	05/15/2009	YES		Complete		
Hep B NOS	Hep B NOS	12/15/2009	YES		Complete		
DTAP NOS	DTP	04/15/1980	YES		Complete		
DTAP NOS	DTP	06/15/1980	YES		Complete		
DTAP NOS	DTP	08/15/1980	YES		Complete		
DTAP NOS	DTP	11/15/1981	YES		Complete		
DTAP NOS	DTP	04/15/1986	YES		Complete		
polio NOS	polio NOS	04/15/1980	YES		Complete		
polio NOS	polio NOS	06/15/1980	YES		Complete		
polio NOS	polio NOS	09/10/1980	YES		Complete		
polio NOS	polio NOS	04/15/1986	YES		Complete		
pnuemococcal conjugate	PCV7	04/15/2010	YES		Complete		
Td NOS	Td NOS	04/15/2010	YES		Complete		
influenza NOS	influenza NOS	10/15/2009	YES		Complete		
influenza NOS	influenza seasonal	10/15/2010	YES		Complete		
influenza NOS	seasonal flu	09/01/2011	YES		Complete		

^{* &}quot;Completion Status" refers to the status of the dose of vaccine administered on the indicated date and may be interpreted as "Dose Status". A status of "Complete" means that the vaccine dose was "completely administered" as opposed to "partially administered".

Immunization Forecast						
Vaccine Group	Due Date	Earliest Date To Give	Latest Date to Give	Series Status	Forecast Reason	Tester Comment
influenza NOS	05/31/2015	05/31/2015				
MMR	05/31/2015	05/31/2015				

2.2. Q R TC-2

Adult with immunizations, including smallpox

Test Story

	on					
This test requests a	n evaluated history and foreca	st for an adult with a	small pox vaccination	n.		
Commen	ts———					
No Comments						
PreCond	tion——					
recond	······					
No PreCondition						
PostCond	lition ———					
	lition ———					
PostCondition	lition ———					
	lition ———					
No PostCondition						
No PostCondition						
Гest Obj		R to gracefully handle	e an immunization wi	th no validation and	I not forecast.	
No PostCondition	ectives	R to gracefully handle	e an immunization wi	th no validation and	1 not forecast.	
No PostCondition Fest Objective is to	evaluate the ability of the EH	R to gracefully handle	e an immunization wi	th no validation and	i not forecast.	
No PostCondition Fest Objective is to	ectives	R to gracefully handle	e an immunization wi	th no validation and	I not forecast.	
No PostCondition Fest Objective is to	ectives evaluate the ability of the EH	R to gracefully handle	e an immunization wi	th no validation and	I not forecast.	
No PostCondition Fest Objective is to Evaluation	ectives evaluate the ability of the EH	R to gracefully handle	e an immunization wi	th no validation and	I not forecast.	
No PostCondition Fest Objective is to Evaluation	ectives evaluate the ability of the EH	R to gracefully handle	e an immunization wi	th no validation and	I not forecast.	
No PostCondition Fest Objective is to Evaluation	ectives evaluate the ability of the EH	R to gracefully handle	e an immunization wi	th no validation and	I not forecast.	

2.2.1. Send query

No Description

Test Story

—Description—————	
Description	
N. D	
No Description	
—Comments————	
No Comments	
	•
-PreCondition-	
W 72 6 414	
No PreCondition	
7	
-PostCondition-	
No PostCondition	
'	
Test Objectives	
N. W. AND CO.	
No Test Objectives	
—Evaluation Criteria————	
No evaluation criteria	
'	
—Notes to Testers————	
No Note	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyIIS	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	StatePH	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MYEHR	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	DCS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20141031145233-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	QBP	
MSH.9.2	Trigger Event	Q11	
MSH.9.3	Message Structure	QBP_Q11	
MSH.10	Message Control ID	443533469	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	
MSH.16	Application Acknowledgment Type	AL	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z44	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	DCS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID	DCS	
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	XX	
MSH.22.10	Organization Identifier	6439432	
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	StatePH	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

QPD: Query Parameter Definition-

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	37374859	
QPD.3	PatientList		
QPD.3.1	ID Number	123456	
QPD.3.3	Check Digit Scheme		
QPD.3.4	Assigning Authority		
QPD.3.4.1	Namespace ID	MYEHR	
QPD.3.4.2	Universal ID		
QPD.3.4.3	Universal ID Type		
QPD.3.5	Identifier Type Code	MR	
QPD.4	PatientName		
QPD.4.1	Family Name		
QPD.4.1.1	Surname	Stanley	
QPD.4.1.2	Own Surname Prefix		
QPD.4.1.3	Own Surname		
QPD.4.1.4	Surname Prefix From Partner/Spouse		
QPD.4.1.5	Surname From Partner/Spouse		
QPD.4.2	Given Name	Clement	
QPD.4.3	Second and Further Given Names or Initials Thereof	S	
QPD.4.7	Name Type Code	L	
QPD.5	PatientMotherMaidenName		
QPD.5.1	Family Name		
QPD.5.1.1	Surname	Smith	
QPD.5.1.2	Own Surname Prefix		

QPD.5.1.3	Own Surname		
QPD.5.1.4	Surname Prefix From Partner/Spouse		
QPD.5.1.5	Surname From Partner/Spouse		
QPD.5.7	Name Type Code	M	
QPD.6	PatientDateOfBirth		
QPD.6.1	Time	19500214	
QPD.7	Patient Sex	M	
QPD.8	Patient Address		
QPD.8.1	Street Address		
QPD.8.1.1	Street or Mailing Address	10 East Main St	
QPD.8.1.2	Street Name		
QPD.8.1.3	Dwelling Number		
QPD.8.2	Other Designation		
QPD.8.3	City	Titletown	
QPD.8.4	State or Province	WI	
QPD.8.5	Zip or Postal Code		
QPD.8.6	Country		
QPD.8.7	Address Type	L	
QPD.9	Phone		
QPD.9.2	Telecommunication Use Code	PRN	
QPD.9.3	Telecommunication Equipment Type	РН	
QPD.9.4	Email Address		
QPD.9.6	Area/City Code	690	
QPD.9.7	Local Number	1231234	
QPD.10	Multiple birth indicator		
QPD.11	Birth order		

RCP: Response Control Parameter-

Location	Data Element	Data	Categorization
RCP.1	Query Priority	Ι	

Test Data Specification

-Patient Information-

Element	Data
Patient Name	Clement S Stanley
Date/Time of Birth	02/14/1950
Sex	Male
Patient Address	10 East Main St Titletown WI
Patient Phone	(690)123-1234

2.2.2. return response

return response to query for an adult with historical smallpox vaccination

Test Story

Description—	
	t S Stanley. Clement has a number of historical dose records, including one for small pox. This vaccine is not validity. All other doses are valid. Mr. Stanley is due for a pneumococcal vaccine and an influenza vaccine.
C 4	
Comments—	
No Comments	
No Comments	
PreCondition	
No PreCondition	
PostCondition	•
PostCondition	1
	1
PostCondition No PostCondition	1
	1
No PostCondition	
No PostCondition	
No PostCondition Test Objectiv Deomonstrate capability to re	es eceive a response file with a number of doses adminsitered, both current and historical. Also demonstrate capabilit
No PostCondition Fest Objectiv	es eceive a response file with a number of doses adminsitered, both current and historical. Also demonstrate capabilit
No PostCondition Fest Objectiv Deomonstrate capability to re	es eceive a response file with a number of doses adminsitered, both current and historical. Also demonstrate capabilit
No PostCondition Fest Objectiv Deomonstrate capability to re to display a vaccination that i	es receive a response file with a number of doses adminsitered, both current and historical. Also demonstrate capabilits not validated.
Test Objectiv	es receive a response file with a number of doses adminsitered, both current and historical. Also demonstrate capabilits not validated.

Notes to Testers

No Note

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyIIS	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	StatePH	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MYEHR	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	DCS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20141031145233-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	RSP	
MSH.9.2	Trigger Event	K11	
MSH.9.3	Message Structure	RSP_K11	
MSH.10	Message Control ID	443533469	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z42	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		

MSH.21.4	Universal ID Type	
MSH.22	Sending Responsible Organization	
MSH.22.1	Organization Name	DCS
MSH.22.6	Assigning Authority	
MSH.22.6.1	Namespace ID	DCS
MSH.22.6.2	Universal ID	
MSH.22.6.3	Universal ID Type	
MSH.22.7	Identifier Type Code	XX
MSH.22.10	Organization Identifier	6439432
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	StatePH
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	793543	

QAK: Query Acknowledgment-

Location	Data Element	Data	Categorization
QAK.1	Query Tag	37374859	
QAK.2	Query Response Status	OK	
QAK.3	Message Query Name		
QAK.3.1	Identifier	Z44	
QAK.3.2	Text	request evaluated Immunization history	
QAK.3.3	Name of Coding System	CDCPHINVS	
QAK.3.5	Alternate Text		
QAK.3.6	Name of Alternate Coding System		

QPD: Query Parameter Definition-

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	

QPD.1.5	Alternate Text		
	Name of Alternate		
QPD.1.6	Coding System		
QPD.2	Query Tag	37374859	
QPD.3	PatientList		
QPD.3.1	ID Number	123456	
QPD.3.3	Check Digit Scheme		
QPD.3.4	Assigning Authority		
QPD.3.4.1	Namespace ID	MYEHR	
QPD.3.4.2	Universal ID		
QPD.3.4.3	Universal ID Type		
QPD.3.5	Identifier Type Code	MR	
QPD.4	PatientName		
QPD.4.1	Family Name		
QPD.4.1.1	Surname	Stanley	
QPD.4.1.2	Own Surname Prefix		
QPD.4.1.3	Own Surname		
QPD.4.1.4	Surname Prefix From Partner/Spouse		
QPD.4.1.5	Surname From Partner/Spouse		
QPD.4.2	Given Name	Clement	
QPD.4.3	Second and Further Given Names or Initials Thereof	s	
		т	
QPD.4.7	Name Type Code	L	
QPD.4.7 QPD.5	Name Type Code PatientMotherMaidenName		
QPD.5	PatientMotherMaidenName		
QPD.5 QPD.5.1	PatientMotherMaidenName Family Name		
QPD.5.1 QPD.5.1.1	PatientMotherMaidenName Family Name Surname		
QPD.5.1 QPD.5.1.1 QPD.5.1.2	PatientMotherMaidenName Family Name Surname Own Surname Prefix		
QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From		
QPD.5 QPD.5.1.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From		
QPD.5 QPD.5.1.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse	Smith	
QPD.5 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code	Smith	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth	Smith	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time	Smith M 19500214	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex	Smith M 19500214	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6 QPD.7 QPD.8	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address	Smith M 19500214	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing	Smith M 19500214 M	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8.1 QPD.8.1.1	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address	Smith M 19500214 M	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8.1 QPD.8.1.1 QPD.8.1.1	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address Street Name	Smith M 19500214 M	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8.1 QPD.8.1.1 QPD.8.1.1 QPD.8.1.2 QPD.8.1.3	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address Street Name Dwelling Number	Smith M 19500214 M	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8 QPD.8.1 QPD.8.1.1 QPD.8.1.2 QPD.8.1.3 QPD.8.2	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address Street Name Dwelling Number Other Designation	Smith M 19500214 M 10 East Main St	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8.1 QPD.8.1.1 QPD.8.1.1 QPD.8.1.2 QPD.8.1.3 QPD.8.2 QPD.8.3	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address Street Name Dwelling Number Other Designation City	Smith M 19500214 M 10 East Main St Titletown	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8.1 QPD.8.1.1 QPD.8.1.2 QPD.8.1.3 QPD.8.2 QPD.8.3 QPD.8.4	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address Street Name Dwelling Number Other Designation City State or Province	Smith M 19500214 M 10 East Main St Titletown	
QPD.5 QPD.5.1 QPD.5.1.1 QPD.5.1.2 QPD.5.1.3 QPD.5.1.4 QPD.5.1.5 QPD.5.7 QPD.6 QPD.6.1 QPD.7 QPD.8 QPD.8.1 QPD.8.1.1 QPD.8.1.1 QPD.8.1.2 QPD.8.1.3 QPD.8.2 QPD.8.3 QPD.8.4 QPD.8.5	PatientMotherMaidenName Family Name Surname Own Surname Prefix Own Surname Surname Prefix From Partner/Spouse Surname From Partner/Spouse Name Type Code PatientDateOfBirth Time Patient Sex Patient Address Street Address Street or Mailing Address Street Name Dwelling Number Other Designation City State or Province Zip or Postal Code	Smith M 19500214 M 10 East Main St Titletown	

QPD.9	Phone		
QPD.9.2	Telecommunication Use Code	PRN	
QPD.9.3	Telecommunication Equipment Type	РН	
QPD.9.4	Email Address		
QPD.9.6	Area/City Code	690	
QPD.9.7	Local Number	1231234	
QPD.10	Multiple birth indicator		
QPD.11	Birth order		

PID: Patient Identification-

Location	Data Element	Data	Categorization
PID.1	Set ID - PID	1	
PID.3	Patient Identifier List		
PID.3.1	ID Number	123456	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	MYEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
PID.3	Patient Identifier List		
PID.3.1	ID Number	34500907	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	MyIIS	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	SR	
PID.5	Patient Name		
PID.5.1	Family Name		
PID.5.1.1	Surname	Stanley	
PID.5.1.2	Own Surname Prefix		
PID.5.1.3	Own Surname		
PID.5.1.4	Surname Prefix From Partner/Spouse		
PID.5.1.5	Surname From Partner/Spouse		
PID.5.2	Given Name	Clement	
PID.5.3	Second and Further Given Names or Initials Thereof	S	
PID.5.7	Name Type Code	L	
PID.7	Date/Time of Birth		
PID.7.1	Time	19500214	
PID.8	Administrative Sex	M	
PID.11	Patient Address		
PID.11.1	Street Address		

PID.11.1.1	Street or Mailing	10 East Main St	
PID.11.1.2	Address Street Name		
PID.11.1.3	Dwelling Number		
PID.11.2	Other Designation		
PID.11.3	City	Titletown	
PID.11.4	State or Province	WI	
PID.11.5	Zip or Postal Code		
PID.11.6	Country		
PID.11.7	Address Type	L	
PID.30	Patient Death Indicator		

ORC[*]

ORC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	1970213	
ORC.3.2	Namespace ID	DCS	
	I		

ORC.3.3 ORC.3.4	Universal ID Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	1197023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	1972023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		

ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	1973023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	19703423	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	

ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	19722023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	19701223	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	

ORC.17.5	Alternate Text	
OPC 17.6	Name of Alternate	
ORC.17.6	Coding System	

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	45197023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	19577023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	19799023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	197789023	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

UKC: Common Order

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	193337027	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier		
ORC.17.2	Text		
ORC.17.3	Name of Coding System		
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

Location	Data Element	Data	Categorization
ORC.1	Order Control	RE	
ORC.2	Placer Order Number		
ORC.2.1	Entity Identifier		
ORC.2.2	Namespace ID		
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		
ORC.3	Filler Order Number		
ORC.3.1	Entity Identifier	9999	
ORC.3.2	Namespace ID	DCS	
ORC.3.3	Universal ID		
ORC.3.4	Universal ID Type		
ORC.17	Entering Organization		
ORC.17.1	Identifier	DCS	
ORC.17.2	Text	Dabig Clinical System	
ORC.17.3	Name of Coding System	StateIIS	
ORC.17.5	Alternate Text		
ORC.17.6	Name of Alternate Coding System		

кла: гнагшасу/ттеанцепт Аншинкитаноп

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20090415	
RXA.5	Administered Code		
RXA.5.1	Identifier	31	
RXA.5.2	Text	Hep B Peds NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
	i		

RXA.10.12 RXA.10.13	Check Digit Scheme Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20090515	
RXA.5	Administered Code		
RXA.5.1	Identifier	31	
RXA.5.2	Text	Hep B Peds NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		

RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20091215	
RXA.5	Administered Code		
RXA.5.1	Identifier	31	
RXA.5.2	Text	Hep B Peds NOS	
RXA.5.3	Name of Coding System	CVX	

RXA.5.5	Alternate Text	
RXA.5.6	Name of Alternate Coding System	
RXA.6	Administered Amount	999
RXA.7	Administered Units	
RXA.7.1	Identifier	
RXA.7.2	Text	
RXA.7.3	Name of Coding System	
RXA.7.5	Alternate Text	
RXA.7.6	Name of Alternate Coding System	
RXA.9	Administration Notes	
RXA.9.1	Identifier	01
RXA.9.2	Text	historical record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	

RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	CP	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19600415	
RXA.5	Administered Code		
RXA.5.1	Identifier	01	
RXA.5.2	Text	DTP	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
	Second and Further		

RXA.10.4	Given Names or		
RXA.10.9	Initials Thereof Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19600415	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		

RXA.9	Administration Notes	
RXA.9.1	Identifier	01
RXA.9.2	Text	historical record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	СР

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.2		1	

RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19600615	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		

RXA.11.4.2 RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19600910	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2			

RXA.10.2.3	Own Surname Prefix Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	СР

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	19610415	
RXA.5	Administered Code		
RXA.5.1	Identifier	89	
RXA.5.2	Text	polio NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		

RXA.7.1	Identifier	
RXA.7.2	Text	
RXA.7.3	Name of Coding System	
RXA.7.5	Alternate Text	
RXA.7.6	Name of Alternate Coding System	
RXA.9	Administration Notes	
RXA.9.1	Identifier	01
RXA.9.2	Text	historical record
RXA.9.3	Name of Coding System	NIP001
RXA.9.5	Alternate Text	
RXA.9.6	Name of Alternate Coding System	
RXA.10	Administering Provider	
RXA.10.1	ID Number	
RXA.10.2	Family Name	
RXA.10.2.1	Surname	
RXA.10.2.2	Own Surname Prefix	
RXA.10.2.3	Own Surname	
RXA.10.2.4	Surname Prefix From Partner/Spouse	
RXA.10.2.5	Surname From Partner/Spouse	
RXA.10.3	Given Name	
RXA.10.4	Second and Further Given Names or Initials Thereof	
RXA.10.9	Assigning Authority	
RXA.10.9.1	Namespace ID	
RXA.10.9.2	Universal ID	
RXA.10.9.3	Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.12	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	СР

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20130415	
RXA.5	Administered Code		
RXA.5.1	Identifier	33	
RXA.5.2	Text	pneumococcal ppv23	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		

RXA.10.9.2 RXA.10.9.3	Universal ID Universal ID Type	
RXA.10.10	Name Type Code	
RXA.10.10	7.	
	Check Digit Scheme	
RXA.10.13	Identifier Type Code	
RXA.11	Administered-at Location	
RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
	Substance/Treatment	
RXA.18	Refusal Reason	
RXA.18 RXA.18.1		
	Refusal Reason	
RXA.18.1	Refusal Reason Identifier	
RXA.18.1 RXA.18.2	Refusal Reason Identifier Text Name of Coding	
RXA.18.1 RXA.18.2 RXA.18.3	Refusal Reason Identifier Text Name of Coding System	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20090415	
RXA.5	Administered Code		
RXA.5.1	Identifier	139	
RXA.5.2	Text	Td NOS	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	

1			
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20091015	
RXA.5	Administered Code		
RXA.5.1	Identifier	88	_

RXA.5.2	Text	influenza NOS	
	Name of Coding		
RXA.5.3	System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		

RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20101015	
RXA.5	Administered Code		
RXA.5.1	Identifier	141	
RXA.5.2	Text	influenza seasonal	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	01	
RXA.9.2	Text	historical record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From		

RXA.10.3	Partner/Spouse Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID		
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization
RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20110901	
RXA.5	Administered Code		
RXA.5.1	Identifier	140	
RXA.5.2	Text	seasonal flu	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	0.5	
RXA.7	Administered Units		
RXA.7.1	Identifier	mL	
RXA.7.2	Text		
RXA.7.3	Name of Coding System	UCUM	
RXA.7.5	Alternate Text		

RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier	00	
RXA.9.2	Text	new immunization record	
RXA.9.3	Name of Coding System	NIP001	
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Sticker	
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name	Nurse	
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	DCS_DC	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
RXA.18	Substance/Treatment Refusal Reason		
RXA.18.1	Identifier		
RXA.18.2	Text		
RXA.18.3	Name of Coding System		
RXA.18.5	Alternate Text		
RXA.18.6	Name of Alternate Coding System		
RXA.20	Completion Status	СР	

Location	Data Element	Data	Categorization

RXA.1	Give Sub-ID Counter	0	
RXA.2	Administration Sub-ID Counter	1	
RXA.3	Date/Time Start of Administration		
RXA.3.1	Time	20141031	
RXA.5	Administered Code		
RXA.5.1	Identifier	998	
RXA.5.2	Text	no vaccine admin	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
RXA.6	Administered Amount	999	
RXA.7	Administered Units		
RXA.7.1	Identifier		
RXA.7.2	Text		
RXA.7.3	Name of Coding System		
RXA.7.5	Alternate Text		
RXA.7.6	Name of Alternate Coding System		
RXA.9	Administration Notes		
RXA.9.1	Identifier		
RXA.9.2	Text		
RXA.9.3	Name of Coding System		
RXA.9.5	Alternate Text		
RXA.9.6	Name of Alternate Coding System		
RXA.10	Administering Provider		
RXA.10.1	ID Number		
RXA.10.2	Family Name		
RXA.10.2.1	Surname		
RXA.10.2.2	Own Surname Prefix		
RXA.10.2.3	Own Surname		
RXA.10.2.4	Surname Prefix From Partner/Spouse		
RXA.10.2.5	Surname From Partner/Spouse		
RXA.10.3	Given Name		
RXA.10.4	Second and Further Given Names or Initials Thereof		
RXA.10.9	Assigning Authority		
RXA.10.9.1	Namespace ID		
RXA.10.9.2	Universal ID		
RXA.10.9.3	Universal ID Type		
RXA.10.10	Name Type Code		
RXA.10.12	Check Digit Scheme		
RXA.10.13	Identifier Type Code		
RXA.11	Administered-at Location		

RXA.11.4	Facility	
RXA.11.4.1	Namespace ID	
RXA.11.4.2	Universal ID	
RXA.11.4.3	Universal ID Type	
RXA.18	Substance/Treatment Refusal Reason	
RXA.18.1	Identifier	
RXA.18.2	Text	
RXA.18.3	Name of Coding System	
RXA.18.5	Alternate Text	
RXA.18.6	Name of Alternate Coding System	
RXA.20	Completion Status	NA

OBX[*]-

OBX: Observation/Result-

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	

OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	1	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		

OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	2	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
	Name of Alternate		

OBX.3.6	Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	

OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	3	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	4	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		

OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		

OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	5	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		

OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	6	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	6	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	6	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	7	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate		

	Coding System	
OBX.11	Observation Result Status F	
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	7	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	7	
OBX.5	Observation Value	Y	

OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	СЕ	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	8	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	

I	I .	I.	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	8	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	8	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	9	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	9	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	

OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	9	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	СЕ	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	10	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		

OBX.6.2	Text	
OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status F	
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	10	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	

OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	10	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	11	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	

OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	11	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	11	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		

OBX.14.1 Time 20141031

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	12	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	12	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		

OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	12	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Stat	us F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
	Name of Alternate		

OBX.3.6	Coding System		
OBX.4	Observation Sub-ID	13	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	13	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	ID	

OBX.3	Observation Identifier		
OBX.3.1	Identifier	59781-5	
OBX.3.2	Text	dose validity	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	13	
OBX.5	Observation Value	Y	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time	20141031	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	1	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	14	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result State	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	2	
OBX.2	Value Type	СЕ	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	14	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	3	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30980-7	
OBX.3.2	Text	Date vaccination due	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	14	
OBX.5	Observation Value	20150214	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		

OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	4	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30981-5	
OBX.3.2	Text	Earliest Date to give	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	14	
OBX.5	Observation Value	20150914	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	s F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	5	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30956-7	
OBX.3.2	Text	vaccine type	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		

OBX.4	Observation Sub-ID	15
OBX.5	Observation Value	
OBX.6	Units	
OBX.6.1	Identifier	
OBX.6.2	Text	
OBX.6.3	Name of Coding System	
OBX.6.5	Alternate Text	
OBX.6.6	Name of Alternate Coding System	
OBX.11	Observation Result Status	F
OBX.14	Date/Time of the Observation	
OBX.14.1	Time	

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	6	
OBX.2	Value Type	CE	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59779-9	
OBX.3.2	Text	Immunization Schedule used	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value		
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	sF	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	7	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		

OBX.3.1	Identifier	30980-7	
OBX.3.2	Text	Date vaccination due	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value	20150914	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	8	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	59777-3	
OBX.3.2	Text	iwehwieofnd	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value	20151111	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Statu	ıs F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

OBX:C	Observation	ı/Result
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Location	Data Element	Data	Categorization
OBX.1	Set ID - OBX	9	
OBX.2	Value Type	DT	
OBX.3	Observation Identifier		
OBX.3.1	Identifier	30981-5	
OBX.3.2	Text	Earliest Date to give	
OBX.3.3	Name of Coding System	LN	
OBX.3.5	Alternate Text		
OBX.3.6	Name of Alternate Coding System		
OBX.4	Observation Sub-ID	15	
OBX.5	Observation Value	20150914	
OBX.6	Units		
OBX.6.1	Identifier		
OBX.6.2	Text		
OBX.6.3	Name of Coding System		
OBX.6.5	Alternate Text		
OBX.6.6	Name of Alternate Coding System		
OBX.11	Observation Result Status	F	
OBX.14	Date/Time of the Observation		
OBX.14.1	Time		

-RXR : Pharmacy/Treatment Route-

Location	Data Element	Data	Categorization
RXR.1	Route		
RXR.1.1	Identifier	C28161	
RXR.1.2	Text	IM	
RXR.1.3	Name of Coding System	NCIT	
RXR.1.5	Alternate Text		
RXR.1.6	Name of Alternate Coding System		
RXR.2	Administration Site		
RXR.2.1	Identifier		
RXR.2.2	Text		
RXR.2.3	Name of Coding System		
RXR.2.5	Alternate Text		
RXR.2.6	Name of Alternate Coding System		

Juror Document

Evaluated Immunization History and Immunizati	on Forecast	
Test Case ID	Q R TC-2	
Juror ID		
Juror Name		
HIT System Tested		
Inspection Date/Time		
	Pass	Fail
Inspection Settlement		
Reason Failed		
Juror Comments		

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the EHR technology's ability to display required core data elements from the information received in the Evaluated Immunization History and Immunization Forecast Z42 message. Additional data from the message or from the EHR are permitted to be displayed by the EHR. Grayed-out fields in the Juror Document indicate where no data for the data element indicated were included in the Z42 message for the given Test Case.

The format of this Juror Document is for ease-of-use by the Tester and does not indicate how the EHR display must be designed.

The Evaluated Immunization History and Immunization Forecast data shown in this Juror Document are derived from the Z42 message provided with the given Test Case; equivalent data are permitted to be displayed by the EHR. The column headings are meant to convey the kind of data to be displayed; equivalent labels/column headings are permitted to be displayed by the EHR.

Patient Information					
Patient Identifier	Patient Name	DOB	Gender	Tester Comment	
123456	Clement S Stanley	02/14/1950	Male		

When displayed in the EHR with the Evaluated Immunization History and Immunization Forecast, these patient demographics data may be derived from either the received immunization message or the EHR patient record. When displaying demographics from the patient record, the EHR must be able to demonstrate a linkage between the demographics in the message (primarily the patient ID in PID-3.1) and the patient record used for display to ensure that the message was associated with the appropriate patient.

Evaluated Immunization History and Immunization Forecast			
Immunization Schedule Used Tester Comment			
ACIP			

Evaluated Immunization History						
Vaccine Group	Vaccine Administered	Date Administered	Valid Dose	Validity Reason	Completion Status*	Tester Comment
Hep B NOS	Hep B Peds NOS	04/15/2009	YES		Complete	
Hep B NOS	Hep B Peds NOS	05/15/2009	YES		Complete	
Hep B NOS	Hep B Peds NOS	12/15/2009	YES		Complete	
DTAP NOS	DTP	04/15/1960	YES		Complete	
polio NOS	polio NOS	04/15/1960	YES		Complete	
polio NOS	polio NOS	06/15/1960	YES		Complete	
polio NOS	polio NOS	09/10/1960	YES		Complete	
polio NOS	polio NOS	04/15/1961	YES		Complete	
pneumococcal ppv23	pneumococcal ppv23	04/15/2013	YES		Complete	
Td NOS	Td NOS	04/15/2009	YES		Complete	
influenza NOS	influenza NOS	10/15/2009	YES		Complete	
influenza NOS	influenza seasonal	10/15/2010	YES		Complete	
influenza NOS	seasonal flu	09/01/2011	YES		Complete	

^{* &}quot;Completion Status" refers to the status of the dose of vaccine administered on the indicated date and may be interpreted as "Dose Status". A status of "Complete" means that the vaccine dose was "completely administered" as opposed to "partially administered".

Immunization Forecast						
Vaccine Group	Due Date	Earliest Date To Give	Latest Date to Give	Series Status	Forecast Reason	Tester Comment
pcv NOS	02/14/2015	09/14/2015	11/11/2015			
influenza NOS	09/14/2015	09/14/2015	11/11/2015			

2.3. Q R TC-3

Tests ability to send a query and receive a response where no patients are found.

Test Story

Description	
	_
No Description	
To Bescription	
-Comments	
	_
No Comments	
No Comments	_
DwoCondition	
PreCondition	
No PreCondition	_
—PostCondition	
No PostCondition	\Box
Test Objectives	
No Test Objectives	
—Evaluation Criteria————————————————————————————————————	
No evaluation criteria	
Notes to Testers	
	_
N. N. A	
No Note	_

2.3.1. Send Query expecting no match

This query should return a response where no matches are found.

Test Story

—Description————————————————————————————————————	
N. D	
No Description	
<u> </u>	
Comments	
No Comments	
-PreCondition	
No PreCondition	
10 Trecolution	
PostCondition	
PostCondition	
No PostCondition	
Test Objectives	
No Test Objectives	
—Evaluation Criteria————————————————————————————————————	
No evaluation criteria	
Notes to Testers——————————————————————————————————	
No Note	
·	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		Test Case Fixed
MSH.2	Encoding Characters	^~\&	Test Case Fixed
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyEHR	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	DCS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MyIIS	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	StatePH	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150531145156-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	QBP	
MSH.9.2	Trigger Event	Q11	
MSH.9.3	Message Structure	QBP_Q11	
MSH.10	Message Control ID	993533469	Content Indifferent
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	Test Case Fixed
MSH.16	Application Acknowledgment Type	AL	Test Case Fixed
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z44	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	DCS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID	DCS	
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	XX
MSH.22.10	Organization Identifier	6439432
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	StatePH
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

QPD: Query Parameter Definition-

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	37374859	Content Indifferent
QPD.3	PatientList		
QPD.3.1	ID Number	177993456	
QPD.3.3	Check Digit Scheme		
QPD.3.4	Assigning Authority		
QPD.3.4.1	Namespace ID	MYEHR	
QPD.3.4.2	Universal ID		
QPD.3.4.3	Universal ID Type		
QPD.3.5	Identifier Type Code	MR	
QPD.4	PatientName		
QPD.4.1	Family Name		
QPD.4.1.1	Surname	Standard	
QPD.4.1.2	Own Surname Prefix		
QPD.4.1.3	Own Surname		
QPD.4.1.4	Surname Prefix From Partner/Spouse		
QPD.4.1.5	Surname From Partner/Spouse		
QPD.4.2	Given Name	Sam	
QPD.4.3	Second and Further Given Names or Initials Thereof	S	
QPD.4.7	Name Type Code	L	
QPD.5	PatientMotherMaidenName		
QPD.5.1	Family Name		
QPD.5.1.1	Surname		
QPD.5.1.2	Own Surname Prefix		

QPD.5.1.3	Own Surname		
QPD.5.1.4	Surname Prefix From Partner/Spouse		
QPD.5.1.5	Surname From Partner/Spouse		
QPD.5.7	Name Type Code		
QPD.6	PatientDateOfBirth		
QPD.6.1	Time	19800214	
QPD.7	Patient Sex	M	Test Case Fixed
QPD.8	Patient Address		
QPD.8.1	Street Address		
QPD.8.1.1	Street or Mailing Address	10 East Main St	
QPD.8.1.2	Street Name		
QPD.8.1.3	Dwelling Number		
QPD.8.2	Other Designation		
QPD.8.3	City	Pretty Valley	
QPD.8.4	State or Province	MI	
QPD.8.5	Zip or Postal Code		
QPD.8.6	Country		
QPD.8.7	Address Type	L	
QPD.9	Phone		
QPD.9.2	Telecommunication Use Code	PRN	
QPD.9.3	Telecommunication Equipment Type	РН	
QPD.9.4	Email Address		
QPD.9.6	Area/City Code	734	
QPD.9.7	Local Number	5556712	
QPD.10	Multiple birth indicator		
QPD.11	Birth order		

RCP: Response Control Parameter

Location	Data Element	Data	Categorization
RCP.1	Query Priority	I	

Test Data Specification

-Patient Information-

Element	Data
Patient Name	Sam S Standard
Date/Time of Birth	02/14/1980
Sex	Male
Patient Address	10 East Main St Pretty Valley MI
Patient Phone	(734)555-6712

2.3.2. Response where no matches were found

Response with no matches found

Test Story

—Description——————	
N. D	
No Description	
C 4	
Comments	
No Comments	
PreCondition	
query finds no matches	
PostCondition	
Clinician is alerted to fact of no matches.	
Test Objectives	
No Test Objectives	
•	
—Evaluation Criteria————	
Clinician is notified of no match.	
Clinician is notified of no match.	
Notes to Tosts	
-Notes to Testers-	
No Note	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyIIS	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	StatePH	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MYEHR	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	DCS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20151031145233-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	RSP	
MSH.9.2	Trigger Event	K11	
MSH.9.3	Message Structure	RSP_K11	
MSH.10	Message Control ID	3533469	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z33	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	DCS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID	DCS	
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

1-			
MSH.22.7	Identifier Type Code	XX	
MSH.22.10	Organization Identifier	6439432	
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	StatePH	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	993533469	

QAK: Query Acknowledgment

Location	Data Element	Data	Categorization
QAK.1	Query Tag	37374859	
QAK.2	Query Response Status	NF	
QAK.3	Message Query Name		
QAK.3.1	Identifier	Z44	
QAK.3.2	Text	request evaluated Immunization history	
QAK.3.3	Name of Coding System	CDCPHINVS	
QAK.3.5	Alternate Text		
QAK.3.6	Name of Alternate Coding System		

QPD: Query Parameter Definition

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	37374859	
QPD.3	PatientList		
QPD.3.1	ID Number	177993456	
QPD.3.3	Check Digit Scheme		

QPD.3.4	Assigning Authority	
QPD.3.4.1	Namespace ID	MYEHR
QPD.3.4.2	Universal ID	
QPD.3.4.3	Universal ID Type	
QPD.3.5	Identifier Type Code	MR
QPD.4	PatientName	
QPD.4.1	Family Name	
QPD.4.1.1	Surname	Standard
QPD.4.1.2	Own Surname Prefix	
QPD.4.1.3	Own Surname	
QPD.4.1.4	Surname Prefix From Partner/Spouse	
QPD.4.1.5	Surname From Partner/Spouse	
QPD.4.2	Given Name	Sam
QPD.4.3	Second and Further Given Names or Initials Thereof	S
QPD.4.7	Name Type Code	L
QPD.5	PatientMotherMaidenName	
QPD.5.1	Family Name	
QPD.5.1.1	Surname	
QPD.5.1.2	Own Surname Prefix	
QPD.5.1.3	Own Surname	
QPD.5.1.4	Surname Prefix From Partner/Spouse	
QPD.5.1.5	Surname From Partner/Spouse	
QPD.5.7	Name Type Code	
QPD.6	PatientDateOfBirth	
QPD.6.1	Time	19800214
QPD.7	Patient Sex	M
QPD.8	Patient Address	
QPD.8.1	Street Address	
QPD.8.1.1	Street or Mailing Address	10 East Main St
QPD.8.1.2	Street Name	
QPD.8.1.3	Dwelling Number	
QPD.8.2	Other Designation	
QPD.8.3	City	Pretty Valley
QPD.8.4	State or Province	MI
QPD.8.5	Zip or Postal Code	
QPD.8.6	Country	
QPD.8.7	Address Type	L
QPD.9	Phone	
QPD.9.2	Telecommunication Use Code	PRN
QPD.9.3	Telecommunication Equipment Type	РН
QPD.9.4	Email Address	
QPD.9.6	Area/City Code	734
QPD.9.7	Local Number	5556712

Juror Document

Evaluated Immunization History and Immunization Forecast				
Test Case ID	C	QRTC-3		
Juror ID				
Juror Name				
HIT System Tested				
Inspection Date/Time				
		Pass	Fail	
Inspection Settlement				
Reason Failed				
Juror Comments				

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the EHR technology's ability to display information notifying the HIT user that a Return Acknowledgement with No Person Records Z33 message was received (in response to an Evaluated Immunization History and Immunization Forecast Z44 query message). Additional data from the message or from the EHR are permitted to be displayed by the EHR.

The format of this Juror Document is for ease-of-use by the Tester and does not indicate how the EHR display must be designed.

The data shown in this Juror Document are derived from the test data provided with the given Test Case; equivalent data are permitted to be displayed by the EHR. The column headings are meant to convey the kind of data to be displayed; equivalent labels/column headings are permitted to be displayed by the EHR.

Patient Information				
Patient Identifier	Patient Name	DOB	Gender	Tester Comment
177993456	Sam S Standard	02/14/1980	Male	

When displayed in the EHR with the notification indicating that a Return Acknowledgement with No Person Records Z33 message was received, these patient demographics data are derived from the EHR patient record.

Evaluated Immunization History and Immunization Forecast

The EHR shall display a notification indicating that the query for an Evaluated Immunization History and Immunization Forecast is complete but no matching records were found for the person in the query.

2.4. Q R TC-4

Query finds too many matches

Test Story

No Note

Descrip	
	ates the ability of the EHR to gracefully accept a response where too many matches are found, based on the parameters sent in tat this query only expects an evaluated history and forecast when an exact match is found.
~	
Comm	ents————————————————————————————————————
The intiating c	linician should be alerted to the failure to get an exact match.
PreCor	dition
10001	
No PreConditi	on
No PreConditi	on
No PreConditi	on
No PreConditi	ndition
PostCo	ndition
PostCo	ndition ion ojectives
PostCondit No PostCondit Fest Ol The intiating c	ion Djectives Unician should be alerted to the failure to get an exact match.
PostCondit No PostCondit Fest Ol The intiating c	ndition ion ojectives
PostCondit No PostCondit Fest Ol The intiating c	ion Djectives Unician should be alerted to the failure to get an exact match.

2.4.1. Query that finds too many matches

Query will find too many matches

Test Story

Descripti		
This test sends a q	nery that will find too many matches.	
Commen	ts	
The sending system	n will need to accept a response indicating that too many matches were found.	
PreCond	ition ————————————————————————————————————	
More than one per	on in the IIS matching the parameters in the query exists.	
PostCon	lition — — — — — — — — — — — — — — — — — — —	
Response indicate	that there are more than one match (too many) and the clinician is informed.	
Гest Obj	ectives————————————————————————————————————	
No Tost Objective		
No Test Objective		
Evaluati	on Criteria	
No evaluation crit	ria	
140 evaluation end	114	
. .		
Notes to	l'esters——————————————————————————————————	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		Test Case Fixed
MSH.2	Encoding Characters	^~\&	Test Case Fixed
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyEHR	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	DCS	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MyIIS	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	StatePH	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20150531145156-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	QBP	
MSH.9.2	Trigger Event	Q11	
MSH.9.3	Message Structure	QBP_Q11	
MSH.10	Message Control ID	113533469	Content Indifferent
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	ER	Test Case Fixed
MSH.16	Application Acknowledgment Type	AL	Test Case Fixed
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z44	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	DCS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID	DCS	
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	XX
MSH.22.10	Organization Identifier	6439432
MSH.23	Receiving Responsible Organization	
MSH.23.1	Organization Name	StatePH
MSH.23.6	Assigning Authority	
MSH.23.6.1	Namespace ID	
MSH.23.6.2	Universal ID	
MSH.23.6.3	Universal ID Type	
MSH.23.7	Identifier Type Code	
MSH.23.10	Organization Identifier	

QPD: Query Parameter Definition-

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	3137374859	Content Indifferent
QPD.3	PatientList		
QPD.3.1	ID Number	177993456	
QPD.3.3	Check Digit Scheme		
QPD.3.4	Assigning Authority		
QPD.3.4.1	Namespace ID	MYEHR	
QPD.3.4.2	Universal ID		
QPD.3.4.3	Universal ID Type		
QPD.3.5	Identifier Type Code	MR	
QPD.4	PatientName		
QPD.4.1	Family Name		
QPD.4.1.1	Surname	Johnson	
QPD.4.1.2	Own Surname Prefix		
QPD.4.1.3	Own Surname		
QPD.4.1.4	Surname Prefix From Partner/Spouse		
QPD.4.1.5	Surname From Partner/Spouse		
QPD.4.2	Given Name	Sam	
QPD.4.3	Second and Further Given Names or Initials Thereof	S	
QPD.4.7	Name Type Code	L	
QPD.5	PatientMotherMaidenName		
QPD.5.1	Family Name		
QPD.5.1.1	Surname		
QPD.5.1.2	Own Surname Prefix		

QPD.5.1.3	Own Surname		
QPD.5.1.4	Surname Prefix From Partner/Spouse		
QPD.5.1.5	Surname From Partner/Spouse		
QPD.5.7	Name Type Code		
QPD.6	PatientDateOfBirth		
QPD.6.1	Time	19800214	
QPD.7	Patient Sex	M	Test Case Fixed
QPD.8	Patient Address		
QPD.8.1	Street Address		
QPD.8.1.1	Street or Mailing Address	10 East Main St	
QPD.8.1.2	Street Name		
QPD.8.1.3	Dwelling Number		
QPD.8.2	Other Designation		
QPD.8.3	City	Pretty Valley	
QPD.8.4	State or Province	MI	
QPD.8.5	Zip or Postal Code		
QPD.8.6	Country		
QPD.8.7	Address Type	L	
QPD.9	Phone		
QPD.9.2	Telecommunication Use Code	PRN	
QPD.9.3	Telecommunication Equipment Type	РН	
QPD.9.4	Email Address		
QPD.9.6	Area/City Code	734	
QPD.9.7	Local Number	5556712	
QPD.10	Multiple birth indicator		
QPD.11	Birth order		

Test Data Specification

-Patient Information-

Element	Data
Patient Name	Sam S Johnson
Date/Time of Birth	02/14/1980
Sex	Male
Patient Address	10 East Main St Pretty Valley MI
Patient Phone	(734)555-6712

2.4.2. Response with too many matches

No Description

Test Story

—Description————————————————————————————————————	
Description	
No Description	
—Comments—	
No Comments	
No Comments	
—PreCondition————————————	
No PreCondition	
D = 4.00 = 1242 = 1	
-PostCondition-	
Clinician is alerted to multiple match condition.	
—Tost Objectives	
Test Objectives	
No Test Objectives	
—Evaluation Criteria————————————————————————————————————	
Evaluation Critcha	
No evaluation criteria	
-Notes to Testers	
TVOTES TO TESTETS	
No Note	

Message Contents

MSH : Message Header

Location	Data Element	Data	Categorization
MSH.1	Field Separator		
MSH.2	Encoding Characters	^~\&	
MSH.3	Sending Application		
MSH.3.1	Namespace ID	MyIIS	
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
MSH.4	Sending Facility		
MSH.4.1	Namespace ID	StatePH	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID	MYEHR	
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
MSH.6	Receiving Facility		
MSH.6.1	Namespace ID	DCS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
MSH.7	Date/Time Of Message		
MSH.7.1	Time	20151031145233-0500	
MSH.9	Message Type		
MSH.9.1	Message Code	RSP	
MSH.9.2	Trigger Event	K11	
MSH.9.3	Message Structure	RSP_K11	
MSH.10	Message Control ID	3533469	
MSH.11	Processing ID		
MSH.11.1	Processing ID	P	
MSH.12	Version ID		
MSH.12.1	Version ID	2.5.1	
MSH.15	Accept Acknowledgment Type	NE	
MSH.16	Application Acknowledgment Type	NE	
MSH.21	Message Profile Identifier		
MSH.21.1	Entity Identifier	Z33	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
MSH.22	Sending Responsible Organization		
MSH.22.1	Organization Name	DCS	
MSH.22.6	Assigning Authority		
MSH.22.6.1	Namespace ID	DCS	
MSH.22.6.2	Universal ID		
MSH.22.6.3	Universal ID Type		

MSH.22.7	Identifier Type Code	XX	
MSH.22.10	Organization Identifier	6439432	
MSH.23	Receiving Responsible Organization		
MSH.23.1	Organization Name	StatePH	
MSH.23.6	Assigning Authority		
MSH.23.6.1	Namespace ID		
MSH.23.6.2	Universal ID		
MSH.23.6.3	Universal ID Type		
MSH.23.7	Identifier Type Code		
MSH.23.10	Organization Identifier		

MSA: Message Acknowledgment-

Location	Data Element	Data	Categorization
MSA.1	Acknowledgment Code	AA	
MSA.2	Message Control ID	113533469	

QAK: Query Acknowledgment-

Location	Data Element	Data	Categorization
QAK.1	Query Tag	3137374859	
QAK.2	Query Response Status	TM	
QAK.3	Message Query Name		
QAK.3.1	Identifier	Z44	
QAK.3.2	Text	request evaluated Immunization history	
QAK.3.3	Name of Coding System	CDCPHINVS	
QAK.3.5	Alternate Text		
QAK.3.6	Name of Alternate Coding System		

QPD: Query Parameter Definition

Location	Data Element	Data	Categorization
QPD.1	Message Query Name		
QPD.1.1	Identifier	Z44	
QPD.1.2	Text	Request Evaluated History and Forecast	
QPD.1.3	Name of Coding System	CDCPHINVS	
QPD.1.5	Alternate Text		
QPD.1.6	Name of Alternate Coding System		
QPD.2	Query Tag	3137374859	
QPD.3	PatientList		
QPD.3.1	ID Number	177993456	
QPD.3.3	Check Digit Scheme		
I	I		

QPD.3.4 QPD.3.4.1	Assigning Authority Namespace ID	MYEHR
	Universal ID	IVITETIK
QPD.3.4.2		
QPD.3.4.3	Universal ID Type	1 m
QPD.3.5	Identifier Type Code	MR
QPD.4	PatientName	
QPD.4.1	Family Name	
QPD.4.1.1	Surname	Johnson
QPD.4.1.2	Own Surname Prefix	
QPD.4.1.3	Own Surname	
QPD.4.1.4	Surname Prefix From Partner/Spouse	
QPD.4.1.5	Surname From Partner/Spouse	
QPD.4.2	Given Name	Sam
QPD.4.3	Second and Further Given Names or Initials Thereof	S
QPD.4.7	Name Type Code	L
QPD.5	PatientMotherMaidenName	
QPD.5.1	Family Name	
QPD.5.1.1	Surname	
QPD.5.1.2	Own Surname Prefix	
QPD.5.1.3	Own Surname	
QPD.5.1.4	Surname Prefix From Partner/Spouse	
QPD.5.1.5	Surname From Partner/Spouse	
QPD.5.7	Name Type Code	
QPD.6	PatientDateOfBirth	
QPD.6.1	Time	19800214
QPD.7	Patient Sex	M
QPD.8	Patient Address	
QPD.8.1	Street Address	
QPD.8.1.1	Street or Mailing Address	10 East Main St
QPD.8.1.2	Street Name	
QPD.8.1.3	Dwelling Number	
QPD.8.2	Other Designation	
QPD.8.3	City	Pretty Valley
QPD.8.4	State or Province	MI
QPD.8.5	Zip or Postal Code	
QPD.8.6	Country	
QPD.8.7	Address Type	L
QPD.9	Phone	
QPD.9.2	Telecommunication Use Code	PRN
QPD.9.3	Telecommunication Equipment Type	РН
QPD.9.4	Email Address	
QPD.9.6	Area/City Code	734
QPD.9.7	Local Number	5556712

Multiple birth indicator	
Birth order	

Juror Document

Evaluated Immunization History and Immunizati	(0)	n Forecast		
Test Case ID	C	QRTC-4		
Juror ID				
Juror Name				
HIT System Tested				
Inspection Date/Time				
		Pass	Fail	
Inspection Settlement				
Reason Failed				
Juror Comments				

DISPLAY VERIFICATION

This Test Case-specific Juror Document provides a checklist for the Tester to use during certification testing for assessing the EHR technology's ability to display information notifying the HIT user that a Return Acknowledgement with No Person Records Z33 message was received (in response to an Evaluated Immunization History and Immunization Forecast Z44 query message). Additional data from the message or from the EHR are permitted to be displayed by the EHR.

The format of this Juror Document is for ease-of-use by the Tester and does not indicate how the EHR display must be designed.

The data shown in this Juror Document are derived from the test data provided with the given Test Case; equivalent data are permitted to be displayed by the EHR. The column headings are meant to convey the kind of data to be displayed; equivalent labels/column headings are permitted to be displayed by the EHR.

Patient Information					
Patient Identifier	Patient Name	DOB	Gender	Tester Comment	
177993456	Sam S Johnson	02/14/1980	Male		

When displayed in the EHR with the notification indicating that a Return Acknowledgement with No Person Records Z33 message was received, these patient demographics data are derived from the EHR patient record.

Evaluated Immunization History and Immunization Forecast

The EHR shall display a notification indicating that the query for an Evaluated Immunization History and Immunization Forecast is complete but too many matching records were found for the person in the query.