-MSH : Message Header-

Location	<b>Data Element</b>	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	WCETIK	
MSH.4.3	Universal ID Type		
MSH.5	Receiving Application		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3			
MSH.5.3 MSH.6	Universal ID Type  Receiving Facility		
MSH.6.1	Namespace ID	IIIS	
MSH.6.2	Universal ID	по	
MSH.6.3			
	Universal ID Type		
MSH.7	Date/Time Of Message Time	20150(25102220 757 0500	
MSH.7.1		20150625103328.757-0500	
MSH.9	Message Type	NAME I	
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	l n	
MSH.11.1	Processing ID	P	
MSH.12	Version ID	0.51	
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	<b>Data Element</b>	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	

PD1: Patient Additional Demographic-

Location	<b>Data Element</b>	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 Syste	em   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	<b>Data Element</b>	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	<b>Data Element</b>	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 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	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	

# RXR: Pharmacy/Treatment Route-

Location	<b>Data Element</b>	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.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		

-OBX	Oh	servation	Resu	lt.
ODA	. CODE	sci vation	ı/ ixcəu	ıı

Location	<b>Data Element</b>	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	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		

## OBX : Observation/Result-

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

### OBX : Observation/Result-

Location	<b>Data Element</b>	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	