

MSH : Message Header

Location	Data Elementmt	Data	Categorization
<b>MSH.1</b>	<b>Field Separator</b>	FieldSeperator	
<b>MSH.2</b>	<b>Encoding Characters</b>	Encoding	
<b>MSH.3</b>	<b>Sending Application</b>		
MSH.3.1	Namespace ID		
MSH.3.2	Universal ID		
MSH.3.3	Universal ID Type		
<b>MSH.4</b>	<b>Sending Facility</b>		
MSH.4.1	Namespace ID	wcEHR	
MSH.4.2	Universal ID		
MSH.4.3	Universal ID Type		
<b>MSH.5</b>	<b>Receiving Application</b>		
MSH.5.1	Namespace ID		
MSH.5.2	Universal ID		
MSH.5.3	Universal ID Type		
<b>MSH.6</b>	<b>Receiving Facility</b>		
MSH.6.1	Namespace ID	IIS	
MSH.6.2	Universal ID		
MSH.6.3	Universal ID Type		
<b>MSH.7</b>	<b>Date/Time Of Message</b>		
MSH.7.1	Time	20150624093847.804-0500	
<b>MSH.9</b>	<b>Message Type</b>		
MSH.9.1	Message Code	VXU	
MSH.9.2	Trigger Event	V04	
MSH.9.3	Message Structure	VXU_V04	
<b>MSH.10</b>	<b>Message Control ID</b>	71892	
<b>MSH.11</b>	<b>Processing ID</b>		
MSH.11.1	Processing ID	P	
<b>MSH.12</b>	<b>Version ID</b>		
MSH.12.1	Version ID	2.5.1	
<b>MSH.15</b>	<b>Accept Acknowledgment Type</b>	ER	
<b>MSH.16</b>	<b>Application Acknowledgment Type</b>	AL	
<b>MSH.21</b>	<b>Message Profile Identifier</b>		
MSH.21.1	Entity Identifier	Z22	
MSH.21.2	Namespace ID	CDCPHINVS	
MSH.21.3	Universal ID		
MSH.21.4	Universal ID Type		
<b>MSH.22</b>	<b>Sending Responsible Organization</b>		
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.23.10 Location	Organization Identifier Data Element	Data	Categorization
<b>MSH.23</b>	<b>Receiving Responsible Organization</b>		
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
<b>PID.1</b>	<b>Set ID - PID</b>	1	
<b>PID.3</b>	<b>Patient Identifier List</b>		
PID.3.1	ID Number	89778	
PID.3.3	Check Digit Scheme		
PID.3.4	Assigning Authority		
PID.3.4.1	Namespace ID	weEHR	
PID.3.4.2	Universal ID		
PID.3.4.3	Universal ID Type		
PID.3.5	Identifier Type Code	MR	
<b>PID.5</b>	<b>Patient Name</b>		
PID.5.1	Family Name		
PID.5.1.1	Surname	Benton	
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	
<b>PID.6</b>	<b>Mother's Maiden Name</b>		
PID.6.1	Family Name		
PID.6.1.1	Surname	Jones	
PID.6.7	Name Type Code	M	
<b>PID.7</b>	<b>Date/Time of Birth</b>		
PID.7.1	Time	20031221	
<b>PID.8</b>	<b>Administrative Sex</b>	F	
<b>PID.10</b>	<b>Race</b>		
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		
<b>PID.11</b>	<b>Patient Address</b>		
PID.11.1	Street Address		
	Street or Mailing		

<b>PID.11</b>	<b>Location</b>	<b>Data Element</b>	<b>mt</b>	<b>89 West 21st</b>	<b>Data</b>	<b>Categorization</b>
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		
<b>PID.13</b>		<b>Phone Number - Home</b>				
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		5554019		
<b>PID.22</b>		<b>Ethnic Group</b>				
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				
<b>PID.24</b>		<b>Multiple Birth Indicator</b>		N		
<b>PID.25</b>		<b>Birth Order</b>		1		
<b>PID.29</b>		<b>Patient Death Date and Time</b>				
PID.29.1		Time				
<b>PID.30</b>		<b>Patient Death Indicator</b>		N		

PD1 : Patient Additional Demographic

<b>Location</b>	<b>Data Element</b>	<b>mt</b>	<b>Data</b>	<b>Categorization</b>
<b>PD1.11</b>	<b>Publicity Code</b>			
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			
<b>PD1.12</b>	<b>Protection Indicator</b>		N	
<b>PD1.13</b>	<b>Protection Indicator Effective Date</b>		20150624	
<b>PD1.16</b>	<b>Immunization Registry Status</b>		A	
<b>PD1.17</b>	<b>Immunization Registry Status Effective Date</b>		20031221	
	<b>Publicity Code</b>			

<b>PD1.18</b>	<b>Location</b>	<b>Effective Date</b>	<b>Data Element</b>	<b>20150624</b>	<b>Data</b>	<b>Categorization</b>
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# NK1 : Next of Kin / Associated Parties

Location	Data Element	Data	Categorization
<b>NK1.1</b>	<b>Set ID - NK1</b>	1	
<b>NK1.2</b>	<b>Name</b>		
NK1.2.1	Family Name		
NK1.2.1.1	Surname	Benton	
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	
<b>NK1.3</b>	<b>Relationship</b>		
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		
<b>NK1.4</b>	<b>Address</b>		
NK1.4.1	Street Address		
NK1.4.1.1	Street or Mailing Address	89 West 21st Ave	
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	
<b>NK1.5</b>	<b>Phone Number</b>		
NK1.5.2	Telecommunication Use Code	PRN	
NK1.5.3	Telecommunication Equipment Type	PH	
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
<b>ORC.1</b>	<b>Order Control</b>	RE	
<b>ORC.2</b>	<b>Placer Order Number</b>		
ORC.2.1	Entity Identifier	5237	
ORC.2.2	Namespace ID	wcEHR	
ORC.2.3	Universal ID		
ORC.2.4	Universal ID Type		

<b>ORC.3 Location</b>	<b>File Order Number</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
ORC.3.1	Entity Identifier	31309		
ORC.3.2	Namespace ID	wcEHR		
ORC.3.3	Universal ID			
ORC.3.4	Universal ID Type			
<b>ORC.10</b>	<b>Entered By</b>			
ORC.10.1	ID Number	7824		
ORC.10.2	Family Name			
ORC.10.2.1	Surname	Jackson		
ORC.10.3	Given Name	Lily		
ORC.10.4	Second and Further Given Names or Initials Thereof	Suzanne		
ORC.10.9	Assigning Authority			
ORC.10.9.2	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		
<b>ORC.12</b>	<b>Ordering Provider</b>			
ORC.12.1	ID Number	654		
ORC.12.2	Family Name			
ORC.12.2.1	Surname	Thomas		
ORC.12.3	Given Name	Wilma		
ORC.12.4	Second and Further Given Names or Initials Thereof	Elizabeth		
ORC.12.9	Assigning Authority			
ORC.12.9.2	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		
<b>ORC.17</b>	<b>Entering Organization</b>			
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

<b>Location</b>	<b>Data Element</b>	<b>Data</b>	<b>Categorization</b>
<b>RXA.1</b>	<b>Give Sub-ID Counter</b>	0	
<b>RXA.2</b>	<b>Administration Sub-ID Counter</b>	1	
<b>RXA.3</b>	<b>Date/Time Start of Administration</b>		

<b>RXA.1 Location</b>	<b>Data Element</b>	<b>20150624 Data</b>	<b>Categorization</b>
<b>RXA.5</b>	<b>Administered Code</b>		
RXA.5.1	Identifier	118	
RXA.5.2	Text	HPV, bivalent	
RXA.5.3	Name of Coding System	CVX	
RXA.5.5	Alternate Text		
RXA.5.6	Name of Alternate Coding System		
<b>RXA.6</b>	<b>Administered Amount</b>	0.5	
<b>RXA.7</b>	<b>Administered Units</b>		
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		
<b>RXA.9</b>	<b>Administration Notes</b>		
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		
<b>RXA.10</b>	<b>Administering Provider</b>		
RXA.10.1	ID Number	7824	
RXA.10.2	Family Name		
RXA.10.2.1	Surname	Jackson	
RXA.10.3	Given Name	Lily	
RXA.10.4	Second and Further Given Names or Initials Thereof	Suzanne	
RXA.10.9	Assigning Authority		
RXA.10.9.2	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	
<b>RXA.11</b>	<b>Administered-at Location</b>		
RXA.11.4	Facility		
RXA.11.4.1	Namespace ID	wcEHR	
RXA.11.4.2	Universal ID		
RXA.11.4.3	Universal ID Type		
<b>RXA.15</b>	<b>Substance Lot Number</b>	795441	
<b>RXA.16</b>	<b>Substance Expiration Date</b>		

<b>RXA.16</b>	<b>Location</b>	<b>Data Elementmt</b>	<b>20151223 Data</b>	<b>Categrization</b>
<b>RXA.17</b>	<b>Substance Manufacturer Name</b>			
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			
<b>RXA.18</b>	<b>Substance/Treatment Refusal Reason</b>			
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			
<b>RXA.20</b>	<b>Completion Status</b>	CP		
<b>RXA.21</b>	<b>Action Code - RXA</b>	D		

RXR : Pharmacy/Treatment Route

<b>Location</b>	<b>Data Elementmt</b>	<b>Data</b>	<b>Categrization</b>
<b>RXR.1</b>	<b>Route</b>		
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		
<b>RXR.2</b>	<b>Administration Site</b>		
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 : Observation/Result

<b>Location</b>	<b>Data Elementmt</b>	<b>Data</b>	<b>Categrization</b>
<b>OBX.1</b>	<b>Set ID - OBX</b>	1	
<b>OBX.2</b>	<b>Value Type</b>	CE	
<b>OBX.3</b>	<b>Observation Identifier</b>		
OBX.3.1	Identifier	30963-3	
OBX.3.2	Text	Vaccine Funding Source	

OBX.1	Location	Data Element	LN	Data	Categorization
		System			
	OBX.3.5	Alternate Text			
	OBX.3.6	Name of Alternate Coding System			
<b>OBX.4</b>		<b>Observation Sub-ID</b>	1		
<b>OBX.5</b>		<b>Observation Value</b>			
	OBX.5.1	Identifier	VXC50		
	OBX.5.2	Text	Public		
	OBX.5.3	Name of Coding System	CDCPHINVS		
	OBX.5.5	Alternate Text			
	OBX.5.6	Name of Alternate Coding System			
<b>OBX.6</b>		<b>Units</b>			
	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			
<b>OBX.11</b>		<b>Observation Result Status</b>	F		
<b>OBX.14</b>		<b>Date/Time of the Observation</b>			
	OBX.14.1	Time	20150624		
<b>OBX.17</b>		<b>Observation Method</b>			
	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

OBX.1	Location	Data Element	LN	Data	Categorization
		Set ID - OBX	2		
	OBX.2	Value Type	CE		
<b>OBX.3</b>		<b>Observation Identifier</b>			
	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			
<b>OBX.4</b>		<b>Observation Sub-ID</b>	2		



OBX.5 Location	Observation Value	Data	Categorization
OBX.5.1	Identifier	V05	
OBX.5.2	Text	VFC Eligible - Underinsured	
OBX.5.3	Name of Coding System	HL70064	
OBX.5.5	Alternate Text		
OBX.5.6	Name of Alternate Coding System		
<b>OBX.6</b>	<b>Units</b>		
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		
<b>OBX.11</b>	<b>Observation Result Status</b>	F	
<b>OBX.14</b>	<b>Date/Time of the Observation</b>		
OBX.14.1	Time	20150624	
<b>OBX.17</b>	<b>Observation Method</b>		
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
<b>OBX.1</b>	<b>Set ID - OBX</b>	3	
<b>OBX.2</b>	<b>Value Type</b>	CE	
<b>OBX.3</b>	<b>Observation Identifier</b>		
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		
<b>OBX.4</b>	<b>Observation Sub-ID</b>	3	
<b>OBX.5</b>	<b>Observation Value</b>		
OBX.5.1	Identifier	25308869830000731110503	
OBX.5.2	Text	Human papillomavirus Vaccine (Cervarix) VIS	
OBX.5.3	Name of Coding System	CDCPHINVS	

OBX.5	Location	Data Element	Data	Categorization
	OBX.5.6	Name of Alternate Coding System		
<b>OBX.6</b>	<b>Units</b>			
	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		
<b>OBX.11</b>	<b>Observation Result Status</b>	F		
<b>OBX.14</b>	<b>Date/Time of the Observation</b>			
	OBX.14.1	Time	20150624	
<b>OBX.17</b>	<b>Observation Method</b>			
	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
<b>OBX.1</b>	<b>Set ID - OBX</b>	4		
<b>OBX.2</b>	<b>Value Type</b>	DT		
<b>OBX.3</b>	<b>Observation Identifier</b>			
	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		
<b>OBX.4</b>	<b>Observation Sub-ID</b>	3		
<b>OBX.5</b>	<b>Observation Value</b>	20150624		
<b>OBX.6</b>	<b>Units</b>			
	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		
<b>OBX.11</b>	<b>Observation Result Status</b>	F		
	<b>Date/Time of the</b>			

OBX.14	Location	Observation Method	Data	Categorization
	OBX.14.1	Time	20150624	
<b>OBX.17</b>		<b>Observation Method</b>		
	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		