

MSH : Message Header

Location	Data Elementmt	Data	Categorization
MSH.1	Field Separator	FieldSeperator	
MSH.2	Encoding Characters	Encoding	
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.23.10 Location	Organization Identifier Data Element	Data	Categorization
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	weEHR	
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.5.2	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.6.7	Name Type Code		
PID.7	Date/Time of Birth		
PID.7.1	Time	20040602	
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		
	Street or Mailing		

PID.11	Location	Data Element	mt	924 Sycamore Lane	Data	Categorization
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	
	Publicity Code		

PD1.18	Location	Effective Date	Data Element	20150624	Data	Categorization
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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	
NK1.2.2	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	
NK1.4.2	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	PH	
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 Location	File Order Number	Data Element	Data	Categorization
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.10.3	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		
ORC.12	Ordering Provider			
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		
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.1 Location	Data Element	20150624 Data	Categorization
RXA.5	Administered Code		
RXA.5.1	Identifier	83	
RXA.5.2	Text	Hep A, ped/adol, 2 dose	
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	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.10.3	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	
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	Location	Data Elementmt	20160120 Data	Categrization
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	U		

RXR : Pharmacy/Treatment Route

Location	Data Elementmt	Data	Categrization
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 : Observation/Result

Location	Data Elementmt	Data	Categrization
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.1	Location	Name of Coding System	LN	Data	Categorization
		System			
	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

OBX.1	Location	Data Element	LN	Data	Categorization
		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 Location	Observation Value	Data	Categorization
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	253088698300004211111025	
OBX.5.2	Text	Hepatitis A VIS	
OBX.5.3	Name of Coding System	CDCPHINVS	
OBX.5.5	Alternate Text		

OBX.1 Location	Name of Alternate Coding System	Data Elementmt	Data	Categrization
		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 Elemenmt	Data	Categrization
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.17 Location	OBX.17 Data Element	20150624 Data	Categorization
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		