

## 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	Test EHR Application	
MSH-3.2	Universal ID		
MSH-3.3	Universal ID Type		
MSH-4	Sending Facility		
MSH-4.1	Namespace ID	X68	
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	NIST Test Iz Reg	
MSH-6.2	Universal ID		
MSH-6.3	Universal ID Type		
MSH-7	Date/Time Of Message		
MSH-7.1	Time	20180701082240-0500	
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	NIST-IZ-001.00	
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	IPEHRFAC	Presence-Content Indifferent

MSH-22.6	Assigning Authority		
MSH-22.7	Identifier Type Code	XX	Presence-Content Indifferent
MSH-22.10	Organization Identifier	100-1	Presence-Content Indifferent
MSH-23	Receiving Responsible Organization		
MSH-23.1	Organization Name	IPIISFAC	Presence-Content Indifferent
MSH-23.6	Assigning Authority		
MSH-23.7	Identifier Type Code	XX	Presence-Content Indifferent
MSH-23.10	Organization Identifier	100-2	Presence-Content Indifferent

### PID : Patient Identification

Location	Data Element	Data	Categorization
PID-1	Set ID - PID	1	
PID-3[1]	Patient Identifier List		
PID-3[1].1	ID Number	123456	
PID-3[1].4	Assigning Authority		
PID-3[1].5	Identifier Type Code	MR	
PID-3[2]	Patient Identifier List		
PID-3[2].1	ID Number	987633	
PID-3[2].4	Assigning Authority		
PID-3[2].5	Identifier Type Code	SR	
PID-5	Patient Name		
PID-5.1	Family Name		
PID-5.1.1	Surname	Gonzales	Value-Test Case Fixed
PID-5.2	Given Name	Juana	Value-Test Case Fixed
PID-5.3	Second and Further Given Names or Initials Thereof	Mariela	Value-Test Case Fixed
PID-5.7	Name Type Code	L	Value-Test Case Fixed
PID-6	Mother's Maiden Name		
PID-6.1	Family Name		
PID-6.1.1	Surname	Morales	Value-Test Case Fixed
PID-6.7	Name Type Code	M	Value-Test Case Fixed
PID-7	Date/Time of Birth		
PID-7.1	Time	201810011100	Value-Test Case Fixed
PID-8	Administrative Sex	F	Value-Test Case Fixed
PID-10	Race		
PID-10.1	Identifier	2106-3	Value-Test Case Fixed
PID-10.2	Text	White	Value-Test Case Fixed
PID-10.3	Name of Coding System	CDCREC	Value-Test Case Fixed

PID-11	Patient Address		
PID-11.1	Street Address		
PID-11.1.1	Street or Mailing Address	3321 Standish Way	Value-Test Case Fixed
PID-11.2	Other Designation		
PID-11.3	City	Stamford	Value-Test Case Fixed
PID-11.4	State or Province	CT	Value-Test Case Fixed
PID-11.5	Zip or Postal Code	06903	Value-Test Case Fixed
PID-11.6	Country	USA	Value-Test Case Fixed
PID-11.7	Address Type	L	Value-Test Case Fixed
PID-13	Phone Number - Home		
PID-13.2	Telecommunication Use Code	PRN	Value-Test Case Fixed
PID-13.3	Telecommunication Equipment Type	CP	Value-Test Case Fixed
PID-13.4	Email Address		
PID-13.6	Area/City Code	203	Value-Test Case Fixed
PID-13.7	Local Number	5551214	Value-Test Case Fixed
PID-22	Ethnic Group		
PID-22.1	Identifier	2135-2	Value-Test Case Fixed
PID-22.2	Text	Hispanic or Latino	Value-Test Case Fixed
PID-22.3	Name of Coding System	CDCREC	Value-Test Case Fixed
PID-24	Multiple Birth Indicator	Y	Value-Test Case Fixed
PID-25	Birth Order	1	Value-Test Case Fixed
PID-29	Patient Death Date and Time		
PID-29.1	Time		
PID-30	Patient Death Indicator		

### PD1 : Patient Additional Demographic

Location	Data Element	Data	Categorization
PD1-11	Publicity Code		
PD1-11.1	Identifier	03	Value-Test Case Fixed
PD1-11.2	Text	Reminder/recall - no calls	Presence-Content Indifferent
PD1-11.3	Name of Coding System	HL70215	Value-Test Case Fixed
PD1-12	Protection Indicator	N	Value-Test Case Fixed
PD1-13	Protection Indicator Effective Date		
PD1-16	Immunization Registry Status	A	
PD1-17	Immunization Registry Status Effective Date	20181001	Presence-Content Indifferent
PD1-18	Publicity Code	20181001	Presence-Content

	Effective Date		Indifferent
--	----------------	--	-------------

### 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	Gonzales	Value-Test Case Fixed
NK1-2.2	Given Name	Joanna	Value-Test Case Fixed
NK1-2.3	Second and Further Given Names or Initials Thereof	Elena	Value-Test Case Fixed
NK1-2.7	Name Type Code	L	Value-Test Case Fixed
NK1-3	Relationship		
NK1-3.1	Identifier	MTH	Value-Test Case Fixed
NK1-3.2	Text	Mother	Presence-Content Indifferent
NK1-3.3	Name of Coding System	HL70063	Value-Test Case Fixed
NK1-4	Address		
NK1-4.1	Street Address		
NK1-4.1.1	Street or Mailing Address	3321 Standish Way	Indifferent
NK1-4.2	Other Designation		
NK1-4.3	City	Stamford	Indifferent
NK1-4.4	State or Province	CT	Indifferent
NK1-4.5	Zip or Postal Code	06903	Indifferent
NK1-4.6	Country		
NK1-4.7	Address Type	L	Indifferent
NK1-5	Phone Number		
NK1-5.2	Telecommunication Use Code	PRN	Indifferent
NK1-5.3	Telecommunication Equipment Type	PH	Indifferent
NK1-5.4	Email Address		
NK1-5.6	Area/City Code	203	Indifferent
NK1-5.7	Local Number	5551214	Indifferent

### 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	197027	
ORC-3.2	Namespace ID	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-10	Entered By		
ORC-10.1	ID Number		
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Sirtis	
ORC-10.3	Given Name	Lisa	
ORC-10.4	Second and Further Given Names or Initials Thereof		
ORC-10.9	Assigning Authority		
ORC-10.10	Name Type Code		
ORC-10.13	Identifier Type Code		
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Carter	
ORC-12.3	Given Name	Jane	
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.10	Name Type Code	L	
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	SH	
ORC-17.2	Text	Shoreline Hospital	
ORC-17.3	Name of Coding System	HL70362	

### 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	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-10	Entered By		
ORC-10.1	ID Number		
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Molina	
ORC-10.3	Given Name	Sandra	
ORC-10.4	Second and Further Given Names or Initials Thereof		
ORC-10.9	Assigning Authority		
ORC-10.10	Name Type Code		
ORC-10.13	Identifier Type Code		
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Smith	
ORC-12.3	Given Name	Frank	
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.10	Name Type Code	L	
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	SP	
ORC-17.2	Text	Shoreline Pediatrics	
ORC-17.3	Name of Coding System	HL70362	

### 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	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-10	Entered By		
ORC-10.1	ID Number		
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Molina	
ORC-10.3	Given Name	Sandra	
ORC-10.4	Second and Further Given Names or Initials Thereof		
ORC-10.9	Assigning Authority		
ORC-10.10	Name Type Code		
ORC-10.13	Identifier Type Code		
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Smith	
ORC-12.3	Given Name	Frank	
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.10	Name Type Code	L	
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	SP	
ORC-17.2	Text	Shoreline Pediatrics	
ORC-17.3	Name of Coding System	HL70362	

### 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	DCS	
ORC-3.3	Universal ID		

ORC-3.4	Universal ID Type		
ORC-10	Entered By		
ORC-10.1	ID Number		
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Molina	
ORC-10.3	Given Name	Sandra	
ORC-10.4	Second and Further Given Names or Initials Thereof		
ORC-10.9	Assigning Authority		
ORC-10.10	Name Type Code		
ORC-10.13	Identifier Type Code		
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Smith	
ORC-12.3	Given Name	Frank	
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.10	Name Type Code	L	
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	SP	
ORC-17.2	Text	Shoreline Pediatrics	
ORC-17.3	Name of Coding System	HL70362	

### 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	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-10	Entered By		



ORC-10.1	ID Number		
ORC-10.2	Family Name		
ORC-10.2.1	Surname	Molina	
ORC-10.3	Given Name	Sandra	
ORC-10.4	Second and Further Given Names or Initials Thereof		
ORC-10.9	Assigning Authority		
ORC-10.10	Name Type Code		
ORC-10.13	Identifier Type Code		
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Smith	
ORC-12.3	Given Name	Frank	
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.10	Name Type Code	L	
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	SP	
ORC-17.2	Text	Shoreline Pediatrics	
ORC-17.3	Name of Coding System	HL70362	

### 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	DCS	
ORC-3.3	Universal ID		
ORC-3.4	Universal ID Type		
ORC-10	Entered By		
ORC-10.1	ID Number		
ORC-10.2	Family Name		

ORC-10.2.1	Surname	Molina	
ORC-10.3	Given Name	Sandra	
ORC-10.4	Second and Further Given Names or Initials Thereof		
ORC-10.9	Assigning Authority		
ORC-10.10	Name Type Code		
ORC-10.13	Identifier Type Code		
ORC-12	Ordering Provider		
ORC-12.1	ID Number		
ORC-12.2	Family Name		
ORC-12.2.1	Surname	Smith	
ORC-12.3	Given Name	Frank	
ORC-12.4	Second and Further Given Names or Initials Thereof		
ORC-12.9	Assigning Authority		
ORC-12.10	Name Type Code	L	
ORC-12.13	Identifier Type Code		
ORC-17	Entering Organization		
ORC-17.1	Identifier	SP	
ORC-17.2	Text	Shoreline Pediatrics	
ORC-17.3	Name of Coding System	HL70362	

### 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	20181001	Value-Test Case Fixed
RXA-5	Administered Code		
RXA-5.1	Identifier	08	Value-Test Case Fixed
RXA-5.2	Text	Hepatitis B	Presence-Content Indifferent
RXA-5.3	Name of Coding System	CVX	
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-9	Administration Notes		
RXA-9.1	Identifier	08	
RXA-9.2	Text		
RXA-9.3	Name of Coding System	NIP001	
RXA-10	Administering Provider		
RXA-10.1	ID Number		
RXA-10.2	Family Name		
RXA-10.2.1	Surname	Pike	
RXA-10.3	Given Name	Susan	
RXA-10.4	Second and Further Given Names or Initials Thereof		
RXA-10.9	Assigning Authority		
RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
RXA-15	Substance Lot Number	6332FL432	
RXA-16	Substance Expiration Date		
RXA-16.1	Time	20181214	
RXA-17	Substance Manufacturer Name		
RXA-17.1	Identifier	SKB	
RXA-17.2	Text	GlaxoSmithKline Biologicals SA	
RXA-17.3	Name of Coding System	MVX	
RXA-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of 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	20181031	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	45	Value-Test Case Fixed
RXA-5.2	Text	hepatitis B vaccine, unspecified formulation	Presence-Content Indifferent
RXA-5.3	Name of Coding System	CVX	Value-Test Case Fixed
RXA-6	Administered Amount	999	Value-Test Case Fixed
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
RXA-7.3	Name of Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
RXA-10	Administering Provider		
RXA-10.1	ID Number		
RXA-10.2	Family Name		
RXA-10.2.1	Surname		
RXA-10.3	Given Name		
RXA-10.4	Second and Further Given Names or Initials Thereof		
RXA-10.9	Assigning Authority		
RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-20	Completion Status	NA	
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	20181031	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	107	Value-Test Case Fixed
RXA-5.2	Text	DTaP, unspecified formulation	Presence-Content Indifferent
RXA-5.3	Name of Coding System	CVX	Value-Test Case Fixed
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-9	Administration Notes		
RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
RXA-10	Administering Provider		
RXA-10.1	ID Number		
RXA-10.2	Family Name		
RXA-10.2.1	Surname		
RXA-10.3	Given Name		
RXA-10.4	Second and Further Given Names or Initials Thereof		

RXA-10.9	Assigning Authority		
RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-20	Completion Status	NA	
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	20181031	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	49	Value-Test Case Fixed
RXA-5.2	Text	Hib	Presence-Content Indifferent
RXA-5.3	Name of Coding System	CVX	Value-Test Case Fixed
RXA-6	Administered Amount	999	Value-Test Case Fixed
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
	Name of Coding		

RXA-7.3	System		
RXA-9	Administration Notes		
RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
RXA-10	Administering Provider		
RXA-10.1	ID Number		
RXA-10.2	Family Name		
RXA-10.2.1	Surname		
RXA-10.3	Given Name		
RXA-10.4	Second and Further Given Names or Initials Thereof		
RXA-10.9	Assigning Authority		
RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-20	Completion Status	NA	
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	20181031	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	152	Value-Test Case Fixed
RXA-5.2	Text	Pneumococcal Conjugate, unspecified formulation	Presence-Content Indifferent
RXA-5.3	Name of Coding System	CVX	Value-Test Case Fixed
RXA-6	Administered Amount	999	Value-Test Case Fixed
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
RXA-7.3	Name of Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
RXA-10	Administering Provider		
RXA-10.1	ID Number		
RXA-10.2	Family Name		
RXA-10.2.1	Surname		
RXA-10.3	Given Name		
RXA-10.4	Second and Further Given Names or Initials Thereof		
RXA-10.9	Assigning Authority		
RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-20	Completion Status	NA	
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	20181031	Presence-Content Indifferent
RXA-5	Administered Code		
RXA-5.1	Identifier	122	Value-Test Case Fixed
RXA-5.2	Text	rotavirus, unspecified formulation	Presence-Content Indifferent
RXA-5.3	Name of Coding System	CVX	Value-Test Case Fixed
RXA-6	Administered Amount	999	Value-Test Case Fixed
RXA-7	Administered Units		
RXA-7.1	Identifier		
RXA-7.2	Text		
RXA-7.3	Name of Coding System		
RXA-9	Administration Notes		
RXA-9.1	Identifier		
RXA-9.2	Text		
RXA-9.3	Name of Coding System		
RXA-10	Administering Provider		
RXA-10.1	ID Number		
RXA-10.2	Family Name		
RXA-10.2.1	Surname		
RXA-10.3	Given Name		
RXA-10.4	Second and Further Given Names or Initials Thereof		
RXA-10.9	Assigning Authority		

RXA-10.10	Name Type Code		
RXA-10.13	Identifier Type Code		
RXA-11	Administered-at Location		
RXA-11.4	Facility		
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-18	Substance/Treatment Refusal Reason		
RXA-18.1	Identifier		
RXA-18.2	Text		
RXA-18.3	Name of Coding System		
RXA-20	Completion Status	NA	
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-2	Administration Site		
RXR-2.1	Identifier	LT	
RXR-2.2	Text	Left Thigh	
RXR-2.3	Name of Coding System	HL70163	

### 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	30945-0	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Identifier	VXC23	Indifferent
OBX-5.2	Text	current fever with moderate-to-severe illness	Presence-Content Indifferent
OBX-5.3	Name of Coding System	CDCPHINVS	
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181031	
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30946-8	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication/precaution effective date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20181201	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		

OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30944-3	Value-Test Case Fixed
OBX-3.2	Text	Vaccination temporary contraindication/precaution expiration date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20180101	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### 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	30945-0	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Identifier	VXC23	Presence-Content Indifferent
OBX-5.2	Text	current fever with moderate-to-severe illness	Presence-Content Indifferent
OBX-5.3	Name of Coding System	CDCPHINVS	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181031	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30946-8	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication/precaution effective date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	

OBX-5	Observation Value		
OBX-5.1	Time	20181201	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30944-3	Value-Test Case Fixed
OBX-3.2	Text	Vaccination temporary contraindication/precaution expiration date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20180101	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	
OBX-17	Observation Method		
OBX-17.1	Identifier		

OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### 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	30945-0	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Identifier	VXC23	Presence-Content Indifferent
OBX-5.2	Text	current fever with moderate-to-severe illness	Presence-Content Indifferent
OBX-5.3	Name of Coding System	CDCPHINVS	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181031	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30946-8	Value-Test Case Fixed

OBX-3.2	Text	Vaccination contraindication/precaution effective date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20181201	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30944-3	Value-Test Case Fixed
OBX-3.2	Text	Vaccination temporary contraindication/precaution expiration date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20180101	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		



OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### 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	30945-0	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Identifier	VXC23	Presence-Content Indifferent
OBX-5.2	Text	current fever with moderate-to-severe illness	Presence-Content Indifferent
OBX-5.3	Name of Coding System	CDCPHINVS	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181031	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30946-8	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication/precaution effective date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20181201	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30944-3	Value-Test Case Fixed
OBX-3.2	Text	Vaccination temporary contraindication/precaution expiration date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		

OBX-5.1	Time	20180101	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### 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	30945-0	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Identifier	VXC23	Presence-Content Indifferent
OBX-5.2	Text	current fever with moderate-to-severe illness	Presence-Content Indifferent
OBX-5.3	Name of Coding System	CDCPHINVS	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		

OBX-14.1	Time	20181031	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	2	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30946-8	Value-Test Case Fixed
OBX-3.2	Text	Vaccination contraindication/precaution effective date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20181201	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		

### OBX : Observation/Result

Location	Data Element	Data	Categorization
OBX-1	Set ID - OBX	3	
OBX-2	Value Type	TS	
OBX-3	Observation Identifier		
OBX-3.1	Identifier	30944-3	Value-Test Case Fixed

OBX-3.2	Text	Vaccination temporary contraindication/precaution expiration date	Presence-Content Indifferent
OBX-3.3	Name of Coding System	LN	Value-Test Case Fixed
OBX-4	Observation Sub-ID	1	
OBX-5	Observation Value		
OBX-5.1	Time	20180101	Presence-Content Indifferent
OBX-6	Units		
OBX-6.1	Identifier		
OBX-6.2	Text		
OBX-6.3	Name of Coding System		
OBX-11	Observation Result Status	F	
OBX-14	Date/Time of the Observation		
OBX-14.1	Time	20181201	Presence-Content Indifferent
OBX-17	Observation Method		
OBX-17.1	Identifier		
OBX-17.2	Text		
OBX-17.3	Name of Coding System		