-MSH : Message Header-

Location	
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.4.3         Universal ID Type         MSH.4.1         Namespace ID         IIS           MSH.4.2         Universal ID Type         MSH.5.2         Universal ID Type           MSH.5.3         Universal ID Type         MSH.5.2         Universal ID Type           MSH.5.3         Universal ID Type         WEHR         MSH.6.1         Namespace ID         WEHR           MSH.6.1         Namespace ID wcEHR         WSH.6.3         Universal ID Type         MSH.6.3         Universal ID Type         MSH.7         Date/Time Of Message         MSH.7.1         Time         20150625121047.853-0500         MSH.9.1         Message Type         MSH.9.1         Message Type         MSH.9.2         Trigger Event         V04         V04         MSH.9.3         Message Structure         ACK         MSH.9.3         Message Code         ACK         MSH.11         Processing ID         P         MSH.11         Processing ID         P         MSH.12         Version ID         Acknowledgment Type         NE         Acknowledgment Type         NE         Acknowledgment Type	
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           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 Type           MSH.5.3         Universal ID Type           MSH.6         Receiving Facility           MSH.6.1         Namespace ID           MSH.6.2         Universal ID Type           MSH.6.3         Universal ID Type           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 Segrector           MSH.9.2         Trigger Event         V04           MSH.9.3         Message Structure         ACK           MSH.10         Message Control ID         MSH.11           MSH.11         Processing ID         P	
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           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 Type           MSH.6         Receiving Facility           MSH.6.1         Namespace ID         wcEHR           MSH.6.2         Universal ID Type           MSH.6.3         Universal ID Type           MSH.6.4         Universal ID Type           MSH.7         Date/Time Of Message           MSH.7         Date/Time Of Message           MSH.9         Message Type           MSH.9         Message Code         ACK           MSH.9.2         Trigger Event         V04           MSH.9.3         Message Control ID         Message Code           MSH.10         Message Control ID         MSH.11         Processing ID           MSH.11         Processing ID         P           MSH.12         Version ID         NE <t< td=""><td></td></t<>	
MSH.3.2         Universal ID           MSH.4         Sending Facility           MSH.4.1         Namespace ID           MSH.4.2         Universal ID           MSH.4.3         Universal ID Type           MSH.5.5         Receiving Application           MSH.5.1         Namespace ID           MSH.5.2         Universal ID Type           MSH.5.3         Universal ID Type           MSH.6         Receiving Facility           MSH.6.1         Namespace ID           MSH.6.2         Universal ID Type           MSH.6.3         Universal ID Type           MSH.6.4         Universal ID Type           MSH.7         Date/Time Of Message           MSH.7.1         Time         20150625121047.853-0500           MSH.9         Message Type         MSH.9.1           MSH.9.2         Trigger Event         V04           MSH.9.3         Message Structure         ACK           MSH.10         Message Control ID         20428           MSH.11         Processing ID         MSH.11           MSH.12         Version ID         NE           MSH.15         Accept Acknowledgment Type         NE           MSH.16         Application Acknowledgment Type	
MSH.4         Sending Facility           MSH.4.1         Namespace ID           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 Type           MSH.5.3         Universal ID Type           MSH.6         Receiving Facility           MSH.6.1         Namespace ID           MSH.6.2         Universal ID Type           MSH.6.3         Universal ID Type           MSH.7         Date/Time Of Message           MSH.7.1         Time           MSH.9.1         Message Type           MSH.9.1         Message Code           MSH.9.2         Trigger Event         V04           MSH.9.3         Message Structure         ACK           MSH.10         Message Control ID         20428           MSH.11         Processing ID           MSH.12.1         Version ID         NE           MSH.15         Accept Acknowledgment Type         NE           MSH.16         Application Acknowledgment Type         NE           MSH.21         Entity Identifier         Z23	
MSH.4         Sending Facility           MSH.4.1         Namespace ID           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           MSH.6.2         Universal ID           MSH.6.3         Universal ID Type           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         P           MSH.12         Version ID         NE           MSH.15         Accept Acknowledgment Type         NE           MSH.21         Message Profile Identifier         Identifier	
MSH.4.1         Namespace ID         IIS           MSH.4.2         Universal ID         IIS           MSH.4.3         Universal ID Type         MSH.5           MSH.5.1         Namespace ID         MSH.5.1           MSH.5.2         Universal ID         MSH.5.3         Universal ID Type           MSH.5.3         Universal ID Type         MSH.6.1         Namespace ID           MSH.6.1         Namespace ID         wcEHR           MSH.6.2         Universal ID Type         MSH.6.3         Universal ID Type           MSH.6.3         Universal ID Type         MSH.7         Message Type           MSH.7.1         Time         20150625121047.853-0500         MSH.9.9           MSH.9.1         Message Type         ACK         MSH.9.1         Message Type           MSH.9.2         Trigger Event         V04         V04 <td></td>	
MSH.4.2         Universal ID           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 Type           MSH.6.3         Universal ID Type           MSH.6.4         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         P           MSH.12         Version ID         NE           MSH.15         Accept Acknowledgment Type         NE           MSH.16         Application Acknowledgment Type         NE           MSH.21         Message Profile Identifier         Z23	
MSH.4.3         Universal ID Type           MSH.5         Receiving Application           MSH.5.1         Namespace ID           MSH.5.2         Universal ID Type           MSH.5.3         Universal ID Type           MSH.6         Receiving Facility           MSH.6.1         Namespace ID           MSH.6.2         Universal ID           MSH.6.3         Universal ID Type           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         P           MSH.12         Version ID         2.5.1           MSH.12         Version ID         2.5.1           MSH.16         Application Acknowledgment Type           MSH.21         Message Profile Identifier           MSH.21         Entity Identifier         Z23	
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           MSH.6.2         Universal ID           MSH.6.3         Universal ID Type           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.12         Version ID           MSH.13         Version ID           MSH.14         Accept           Acknowledgment Type         NE           MSH.16         Application           Acknowledgment Type         NE           MSH.21         Message Profile Identifier           MSH.21         Entity Identifier	
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         wSH.6.3         Universal ID Type           MSH.6.3         Universal ID Type         MSH.7         Date/Time Of Message           MSH.7.1         Time         20150625121047.853-0500         MSH.9.9         Message Type         MSH.9.9         MSH.9.9         Message Code         ACK         ACK         MSH.9.9.2         Trigger Event         V04         V04         MSH.9.3         Message Structure         ACK         MSH.10         Message Control ID         20428         MSH.11         Processing ID         MSH.11         Processing ID         P           MSH.11         Processing ID         P         MSH.12         Version ID         X.5.1         NE           MSH.15         Accept Acknowledgment Type         NE         MSH.16         Application Acknowledgment Type         NE           MSH.21         Message Profile Identifier         Message Profile Identifier         MSH.21         Entity Identifier	
MSH.5.2         Universal ID           MSH.6         Receiving Facility           MSH.6.1         Namespace ID         wcEHR           MSH.6.2         Universal ID         wcEHR           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         P           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         Identifier           MSH.21         Entity Identifier         Z23	
MSH.6         Receiving Facility           MSH.6.1         Namespace ID           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         P           MSH.11.1         Processing ID         P           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         Identifier           MSH.21         Entity Identifier         Z23	
MSH.6         Receiving Facility           MSH.6.1         Namespace ID           MSH.6.2         Universal ID           MSH.6.3         Universal ID Type           MSH.7         Date/Time Of Message           MSH.7.1         Time           MSH.7.1         Time           MSH.9.9         Message Type           MSH.9.1         Message Code           MSH.9.2         Trigger Event           MSH.9.3         Message Structure           MSH.9.3         Message Control ID           MSH.10         Message Control ID           MSH.11         Processing ID           MSH.12.1         Version ID           MSH.12.1         Version ID           MSH.15         Accept Acknowledgment Type           MSH.16         Application Acknowledgment Type           MSH.21         Message Profile Identifier           MSH.21         Entity Identifier	
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           MSH.9.1         Message Type           MSH.9.1         Message Code           MSH.9.2         Trigger Event           MSH.9.3         Message Structure           MSH.10         Message Control ID           MSH.11         Processing ID           MSH.12.1         Version ID           MSH.12.1         Version ID           MSH.15.1         Accept Acknowledgment Type           MSH.16         Application Acknowledgment Type           MSH.21         Message Profile Identifier           MSH.21         Entity Identifier	
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         P           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         Entity Identifier         Z23	
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         P           MSH.12.1         Version ID         2.5.1           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         Z23	
MSH.7         Date/Time Of Message           MSH.7.1         Time           MSH.9         Message Type           MSH.9.1         Message Code           MSH.9.2         Trigger Event           MSH.9.3         Message Structure           MSH.10         Message Control ID           MSH.11         Processing ID           MSH.11.1         Processing ID           MSH.12.1         Version ID           MSH.15         Accept Acknowledgment Type           MSH.16         Application Acknowledgment Type           MSH.21         Message Profile Identifier           MSH.21         Entity Identifier	
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         P           MSH.12.1         Version ID         2.5.1           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         Identifier           MSH.21.1         Entity Identifier         Z23	
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         P           MSH.12.1         Version ID         P           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         Entity Identifier         Z23	
MSH.9.2         Trigger Event         V04           MSH.9.3         Message Structure         ACK           MSH.10         Message Control ID         20428           MSH.11         Processing ID         P           MSH.12.1         Version ID         P           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.9.3         Message Structure         ACK           MSH.10         Message Control ID         20428           MSH.11         Processing ID         P           MSH.12.1         Version ID         P           MSH.12.1         Version ID         Version ID           MSH.15         Accept Acknowledgment Type         NE           MSH.16         Application Acknowledgment Type         NE           MSH.21         Message Profile Identifier         Message Profile Identifier           MSH.21.1         Entity Identifier         Z23	
MSH.10  Message Control ID  MSH.11  Processing ID  MSH.12.1  Wersion ID  MSH.12.1  Version ID  Accept Acknowledgment Type  MSH.16  Application Acknowledgment Type  MSH.21  Message Profile Identifier  MSH.21.1  Entity Identifier  Z23	
MSH.11         Processing ID           MSH.11.1         Processing ID           MSH.12         Version ID           MSH.12.1         Version ID           MSH.15         Accept Acknowledgment Type           MSH.16         Application Acknowledgment Type           MSH.21         Message Profile Identifier           MSH.21.1         Entity Identifier	
MSH.11.1         Processing ID         P           MSH.12         Version ID         Secondary           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         Z23	
MSH.12         Version ID           MSH.12.1         Version ID           Version ID         2.5.1           MSH.15         Accept Acknowledgment Type           MSH.16         Application Acknowledgment Type           MSH.21         Message Profile Identifier           MSH.21.1         Entity Identifier	
MSH.12.1 Version ID 2.5.1  MSH.15 Accept Acknowledgment Type  MSH.16 Application Acknowledgment Type  MSH.21 Message Profile Identifier  MSH.21.1 Entity Identifier Z23	
MSH.15  Acknowledgment Type  MSH.16  Application Acknowledgment Type  Message Profile Identifier  MSH.21.1  Entity Identifier Z23	
MSH.16  Acknowledgment Type  Application Acknowledgment Type  MSH.21  Message Profile Identifier  MSH.21.1  Entity Identifier  Z23	
MSH.16  Acknowledgment Type  Message Profile Identifier  MSH.21.1  Entity Identifier Z23	
MSH.21 Identifier  MSH.21.1 Entity Identifier Z23	
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MSH 21.2 Namespace ID CDCPHINVS	
1	
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. Ladation	Organization Edentifier	Data	Categrization
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 Elemenmt	Data	Categrization
MSA.1	Acknowledgment Code	AE	
MSA.2	Message Control ID	35560	

-ERR : Error-

Location	Data Elemenmt	Data	Categrization
ERR.2	Error Location	Data	Categrization
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	
ERR.5.5	Alternate Text		
ERR.5.6	Name of Alternate Coding System		
ERR.8	User Message	Vaccine code not recognized - message rejected	