

MSH : Message Header

Location	Data Elementmt	Data	Categrization
<b>MSH-1</b>	<b>Field Separator</b>		
<b>MSH-2</b>	<b>Encoding Characters</b>	^~\&	
<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	IIS	
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	wcEHR	
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	20150625115038.044-0500	
MSH-7.2	Degree of Precision		
<b>MSH-8</b>	<b>Security</b>		
<b>MSH-9</b>	<b>Message Type</b>		
MSH-9.1	Message Code	ACK	
MSH-9.2	Trigger Event	V04	
MSH-9.3	Message Structure	ACK	
<b>MSH-10</b>	<b>Message Control ID</b>	29540	
<b>MSH-11</b>	<b>Processing ID</b>		
MSH-11.1	Processing ID	P	
MSH-11.2	Processing Mode		
<b>MSH-12</b>	<b>Version ID</b>		
MSH-12.1	Version ID	2.5.1	
MSH-12.2	Internationalization Code		
MSH-12.2.1	Identifier		
MSH-12.2.2	Text		
MSH-12.2.3	Name of Coding System		
MSH-12.2.4	Alternate Identifier		
MSH-12.2.5	Alternate Text		
MSH-12.2.6	Name of Alternate Coding System		
MSH-12.3	International Version ID		
MSH-12.3.1	Identifier		
MSH-12.3.2	Text		
MSH-12.3.3	Name of Coding		

Location	System Data Element	Data	Categorization
MSH-12.3.4	Alternate Identifier		
MSH-12.3.5	Alternate Text		
MSH-12.3.6	Name of Alternate Coding System		
<b>MSH-13</b>	<b>Sequence Number</b>		
<b>MSH-14</b>	<b>Continuation Pointer</b>		
<b>MSH-15</b>	<b>Accept Acknowledgment Type</b>	NE	
<b>MSH-16</b>	<b>Application Acknowledgment Type</b>	NE	
<b>MSH-17</b>	<b>Country Code</b>		
<b>MSH-18</b>	<b>Character Set</b>		
<b>MSH-19</b>	<b>Principal Language Of Message</b>		
MSH-19.1	Identifier		
MSH-19.2	Text		
MSH-19.3	Name of Coding System		
MSH-19.4	Alternate Identifier		
MSH-19.5	Alternate Text		
MSH-19.6	Name of Alternate Coding System		
<b>MSH-20</b>	<b>Alternate Character Set Handling Scheme</b>		
<b>MSH-21</b>	<b>Message Profile Identifier</b>		
MSH-21.1	Entity Identifier	Z23	
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	IIS	
MSH-22.2	Organization Name Type Code		
MSH-22.3	ID Number		
MSH-22.4	Check Digit		
MSH-22.5	Check Digit Scheme		
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-22.8	Assigning Facility		
MSH-22.8.1	Namespace ID		
MSH-22.8.2	Universal ID		
MSH-22.8.3	Universal ID Type		
MSH-22.9	Name Representation 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	wcEHR	
MSH-23.2	Organization Name Type Code		
MSH-23.3	ID Number		
MSH-23.4	Check Digit		
MSH-23.5	Check Digit Scheme		
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-23.8	Assigning Facility		
MSH-23.8.1	Namespace ID		
MSH-23.8.2	Universal ID		
MSH-23.8.3	Universal ID Type		
MSH-23.9	Name Representation Code		
MSH-23.10	Organization Identifier		
<b>MSH-24</b>	<b>Sending Network Address</b>		
MSH-24.1	Namespace ID		
MSH-24.2	Universal ID		
MSH-24.3	Universal ID Type		
<b>MSH-25</b>	<b>Receiving Network Address</b>		
MSH-25.1	Namespace ID		
MSH-25.2	Universal ID		
MSH-25.3	Universal ID Type		

MSA : Message Acknowledgment

Location	Data Element	Data	Categorization
<b>MSA-1</b>	<b>Acknowledgment Code</b>	AE	
<b>MSA-2</b>	<b>Message Control ID</b>	10746	
<b>MSA-3</b>	<b>Text Message</b>		
<b>MSA-4</b>	<b>Expected Sequence Number</b>		
<b>MSA-5</b>	<b>Delayed Acknowledgment Type</b>		
<b>MSA-6</b>	<b>Error Condition</b>		
MSA-6.1	Identifier		
MSA-6.2	Text		
MSA-6.3	Name of Coding System		
MSA-6.4	Alternate Identifier		
MSA-6.5	Alternate Text		
MSA-6.6	Name of Alternate		

Location	Data Element	Data	Categorization
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ERR : Error

Location	Data Element	Data	Categorization
<b>ERR-1</b>	<b>Error Code and Location</b>		
ERR-1.1	Segment ID		
ERR-1.2	Segment Sequence		
ERR-1.3	Field Position		
ERR-1.4	Code Identifying Error		
ERR-1.4.1	Identifier		
ERR-1.4.2	Text		
ERR-1.4.3	Name of Coding System		
ERR-1.4.4	Alternate Identifier		
ERR-1.4.5	Alternate Text		
ERR-1.4.6	Name of Alternate Coding System		
<b>ERR-2</b>	<b>Error Location</b>		
ERR-2.1	Segment ID	RXR	
ERR-2.2	Segment Sequence	1	
ERR-2.3	Field Position	2	
ERR-2.4	Field Repetition	1	
ERR-2.5	Component Number	1	
ERR-2.6	Sub-Component Number		
<b>ERR-3</b>	<b>HL7 Error Code</b>		
ERR-3.1	Identifier	999	
ERR-3.2	Text	Application error	
ERR-3.3	Name of Coding System	HL70357	
ERR-3.4	Alternate Identifier		
ERR-3.5	Alternate Text		
ERR-3.6	Name of Alternate Coding System		
ERR-3.7	Coding System Version ID		
ERR-3.8	Alternate Coding System Version ID		
ERR-3.9	Original Text		
<b>ERR-4</b>	<b>Severity</b>	W	
<b>ERR-5</b>	<b>Application Error Code</b>		
ERR-5.1	Identifier	5	
ERR-5.2	Text	Table value not found	
ERR-5.3	Name of Coding System	HL70533	
ERR-5.4	Alternate Identifier		
ERR-5.5	Alternate Text		

ERR-Location	Name of Alternate Data Element	Data	Categorization
	Coding System		
ERR-5.7	Coding System Version ID		
ERR-5.8	Alternate Coding System Version ID		
ERR-5.9	Original Text		
ERR-6	Application Error Parameter		
ERR-7	Diagnostic Information		
ERR-8	User Message	Administration Site not recognized - site data will not be saved	
ERR-9	Inform Person Indicator		
ERR-10	Override Type		
ERR-10.1	Identifier		
ERR-10.2	Text		
ERR-10.3	Name of Coding System		
ERR-10.4	Alternate Identifier		
ERR-10.5	Alternate Text		
ERR-10.6	Name of Alternate Coding System		
ERR-10.7	Coding System Version ID		
ERR-10.8	Alternate Coding System Version ID		
ERR-10.9	Original Text		
ERR-11	Override Reason Code		
ERR-11.1	Identifier		
ERR-11.2	Text		
ERR-11.3	Name of Coding System		
ERR-11.4	Alternate Identifier		
ERR-11.5	Alternate Text		
ERR-11.6	Name of Alternate Coding System		
ERR-11.7	Coding System Version ID		
ERR-11.8	Alternate Coding System Version ID		
ERR-11.9	Original Text		
ERR-12	Help Desk Contact Point		
ERR-12.1	Telephone Number		
ERR-12.2	Telecommunication Use Code		
ERR-12.3	Telecommunication Equipment Type		
ERR-12.4	Email Address		

Location	Data Element	Data	Categorization
ERR-12.5	Area/City Code		
ERR-12.6	Local Number		
ERR-12.7	Extension		
ERR-12.8	Any Text		
ERR-12.9	Extension Prefix		
ERR-12.10	Speed Dial Code		
ERR-12.11	Unformatted Telephone number		
ERR-12.12			

ERR : Error

Location	Data Element	Data	Categorization
<b>ERR-1</b>	<b>Error Code and Location</b>		
ERR-1.1	Segment ID		
ERR-1.2	Segment Sequence		
ERR-1.3	Field Position		
ERR-1.4	Code Identifying Error		
ERR-1.4.1	Identifier		
ERR-1.4.2	Text		
ERR-1.4.3	Name of Coding System		
ERR-1.4.4	Alternate Identifier		
ERR-1.4.5	Alternate Text		
ERR-1.4.6	Name of Alternate Coding System		
<b>ERR-2</b>	<b>Error Location</b>		
ERR-2.1	Segment ID	RXR	
ERR-2.2	Segment Sequence	2	
ERR-2.3	Field Position	2	
ERR-2.4	Field Repetition	1	
ERR-2.5	Component Number	1	
ERR-2.6	Sub-Component Number		
<b>ERR-3</b>	<b>HL7 Error Code</b>		
ERR-3.1	Identifier	999	
ERR-3.2	Text	Application error	
ERR-3.3	Name of Coding System	HL70357	
ERR-3.4	Alternate Identifier		
ERR-3.5	Alternate Text		
ERR-3.6	Name of Alternate Coding System		
ERR-3.7	Coding System Version ID		
ERR-3.8	Alternate Coding System Version ID		
ERR-3.9	Original Text		
<b>ERR-4</b>	<b>Severity</b>	W	

Location	Application Element	Data	Categorization
<b>ERR-5</b>	<b>Code</b>		
ERR-5.1	Identifier	5	
ERR-5.2	Text	Table value not found	
ERR-5.3	Name of Coding System	HL70533	
ERR-5.4	Alternate Identifier		
ERR-5.5	Alternate Text		
ERR-5.6	Name of Alternate Coding System		
ERR-5.7	Coding System Version ID		
ERR-5.8	Alternate Coding System Version ID		
ERR-5.9	Original Text		
<b>ERR-6</b>	<b>Application Error Parameter</b>		
<b>ERR-7</b>	<b>Diagnostic Information</b>		
<b>ERR-8</b>	<b>User Message</b>	Administration Site not recognized - site data will not be saved	
<b>ERR-9</b>	<b>Inform Person Indicator</b>		
<b>ERR-10</b>	<b>Override Type</b>		
ERR-10.1	Identifier		
ERR-10.2	Text		
ERR-10.3	Name of Coding System		
ERR-10.4	Alternate Identifier		
ERR-10.5	Alternate Text		
ERR-10.6	Name of Alternate Coding System		
ERR-10.7	Coding System Version ID		
ERR-10.8	Alternate Coding System Version ID		
ERR-10.9	Original Text		
<b>ERR-11</b>	<b>Override Reason Code</b>		
ERR-11.1	Identifier		
ERR-11.2	Text		
ERR-11.3	Name of Coding System		
ERR-11.4	Alternate Identifier		
ERR-11.5	Alternate Text		
ERR-11.6	Name of Alternate Coding System		
ERR-11.7	Coding System Version ID		
ERR-11.8	Alternate Coding System Version ID		
ERR-11.9	Original Text		

ERR-12	Location	Help Desk Element	Data	Categorization
		Point		
ERR-12.1		Telephone Number		
ERR-12.2		Telecommunication Use Code		
ERR-12.3		Telecommunication Equipment Type		
ERR-12.4		Email Address		
ERR-12.5		Country Code		
ERR-12.6		Area/City Code		
ERR-12.7		Local Number		
ERR-12.8		Extension		
ERR-12.9		Any Text		
ERR-12.10		Extension Prefix		
ERR-12.11		Speed Dial Code		
ERR-12.12		Unformatted Telephone number		