

MSH : Message Header

| Location | Data Elementmt | Data | Categrization |
|---------------|---------------------------------|-------------------------|---------------|
| MSH-1 | Field Separator | | |
| MSH-2 | Encoding Characters | ^~\& | |
| 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 | IIS | |
| 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 | wcEHR | |
| MSH-6.2 | Universal ID | | |
| MSH-6.3 | Universal ID Type | | |
| MSH-7 | Date/Time Of Message | | |
| MSH-7.1 | Time | 20150624073734.034-0500 | |
| MSH-7.2 | Degree of Precision | | |
| MSH-8 | Security | | |
| 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 | 23628 | |
| MSH-11 | Processing ID | | |
| MSH-11.1 | Processing ID | P | |
| MSH-11.2 | Processing Mode | | |
| MSH-12 | Version ID | | |
| 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 | | |
| MSH-13 | Sequence Number | | |
| MSH-14 | Continuation Pointer | | |
| MSH-15 | Accept Acknowledgment Type | NE | |
| MSH-16 | Application Acknowledgment Type | NE | |
| MSH-17 | Country Code | | |
| MSH-18 | Character Set | | |
| MSH-19 | Principal Language Of Message | | |
| 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 | | |
| MSH-20 | Alternate Character Set Handling Scheme | | |
| MSH-21 | Message Profile Identifier | | |
| MSH-21.1 | Entity Identifier | Z23 | |
| 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 | 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 |
|-----------------------|---|-------|----------------|
| MSH-23 | Receiving Responsible Organization | | |
| 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 | | |
| MSH-24 | Sending Network Address | | |
| MSH-24.1 | Namespace ID | | |
| MSH-24.2 | Universal ID | | |
| MSH-24.3 | Universal ID Type | | |
| MSH-25 | Receiving Network Address | | |
| MSH-25.1 | Namespace ID | | |
| MSH-25.2 | Universal ID | | |
| MSH-25.3 | Universal ID Type | | |

MSA : Message Acknowledgment

| Location | Data Element | Data | Categorization |
|--------------|------------------------------------|-------|----------------|
| MSA-1 | Acknowledgment Code | AA | |
| MSA-2 | Message Control ID | 12462 | |
| MSA-3 | Text Message | | |
| MSA-4 | Expected Sequence Number | | |
| MSA-5 | Delayed Acknowledgment Type | | |
| MSA-6 | Error Condition | | |
| 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 | Code | System Element | Data | Categorization |
|----------|------|----------------|------|----------------|
|----------|------|----------------|------|----------------|