

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                            | 20150624093847.822-0500 |               |
| 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>       | 79946                   |               |
| <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<br>Location | Organization Identifier<br>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>         | AA    |                |
| <b>MSA-2</b> | <b>Message Control ID</b>          | 18019 |                |
| <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 | Code | System Element | Data | Categorization |
|----------|------|----------------|------|----------------|
|----------|------|----------------|------|----------------|