

MSH : Message Header

| Location      | Data Elementmt                  | Data                | Categrization       |
|---------------|---------------------------------|---------------------|---------------------|
| <b>MSH-1</b>  | <b>Field Separator</b>          |                     | Test Case Fixed     |
| <b>MSH-2</b>  | <b>Encoding Characters</b>      | ^~\&                | Test Case Fixed     |
| <b>MSH-3</b>  | <b>Sending Application</b>      |                     |                     |
| MSH-3.1       | Namespace ID                    | MyEHR               |                     |
| MSH-3.2       | Universal ID                    |                     |                     |
| MSH-3.3       | Universal ID Type               |                     |                     |
| <b>MSH-4</b>  | <b>Sending Facility</b>         |                     |                     |
| MSH-4.1       | Namespace ID                    | DCS                 |                     |
| MSH-4.2       | Universal ID                    |                     |                     |
| MSH-4.3       | Universal ID Type               |                     |                     |
| <b>MSH-5</b>  | <b>Receiving Application</b>    |                     |                     |
| MSH-5.1       | Namespace ID                    | MyIIS               |                     |
| MSH-5.2       | Universal ID                    |                     |                     |
| MSH-5.3       | Universal ID Type               |                     |                     |
| <b>MSH-6</b>  | <b>Receiving Facility</b>       |                     |                     |
| MSH-6.1       | Namespace ID                    | StatePH             |                     |
| 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                            | 20150531145156-0500 |                     |
| 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                    | QBP                 |                     |
| MSH-9.2       | Trigger Event                   | Q11                 |                     |
| MSH-9.3       | Message Structure               | QBP_Q11             |                     |
| <b>MSH-10</b> | <b>Message Control ID</b>       | 113533469           | Content Indifferent |
| <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>              | ER        | Test Case Fixed |
| <b>MSH-16</b> | <b>Application Acknowledgment Type</b>         | AL        | Test Case Fixed |
| <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                              | Z44       |                 |
| 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                              | DCS       |                 |
| 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                                   | DCS       |                 |
| MSH-22.6.2    | Universal ID                                   |           |                 |
| MSH-22.6.3    | Universal ID Type                              |           |                 |
| MSH-22.7      | Identifier Type Code                           | XX        |                 |
| 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  | Organization Identifier            | 6439432 | Data | Categorization |
|------------|------------------------------------|---------|------|----------------|
| MSH-23     | Receiving Responsible Organization |         |      |                |
| MSH-23.1   | Organization Name                  | StatePH |      |                |
| 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            |         |      |                |

QPD : Query Parameter Definition

| Location  | Data Elementmt                  | Data                                   | Categorization      |
|-----------|---------------------------------|--|---------------------|
| QPD-1     | Message Query Name              |  |                     |
| QPD-1.1   | Identifier                      | Z44                                    |                     |
| QPD-1.2   | Text                            | Request Evaluated History and Forecast |                     |
| QPD-1.3   | Name of Coding System           | CDCPHINVS                              |                     |
| QPD-1.4   | Alternate Identifier            |  |                     |
| QPD-1.5   | Alternate Text                  |  |                     |
| QPD-1.6   | Name of Alternate Coding System |  |                     |
| QPD-2     | Query Tag                       | 3137374859                             | Content Indifferent |
| QPD-3     | PatientList                     |  |                     |
| QPD-3.1   | ID Number                       | 177993456                              |                     |
| QPD-3.2   | Check Digit                     |  |                     |
| QPD-3.3   | Check Digit Scheme              |  |                     |
| QPD-3.4   | Assigning Authority             |  |                     |
| QPD-3.4.1 | Namespace ID                    | MYEHR                                  |                     |
| QPD-3.4.2 | Universal ID                    |  |                     |
| QPD-3.4.3 | Universal ID Type               |  |                     |
| QPD-3.5   | Identifier Type Code            | MR                                     |                     |
| QPD-3.6   | Assigning Facility              |  |                     |
| QPD-3.6.1 | Namespace ID                    |  |                     |
| QPD-3.6.2 | Universal ID                    |  |                     |
| QPD-3.6.3 | Universal ID Type               |  |                     |
| QPD-3.7   | Effective Date                  |  |                     |

| QPD-3.8      | Location   | Expiration Date | Data Element | Data | Categorization |
|--------------|--|-----------------|--------------|------|----------------|
| QPD-3.9      | Assigning Jurisdiction                             |                 |              |      |                |
| QPD-3.9.1    | Identifier   |                 |              |      |                |
| QPD-3.9.2    | Text   |                 |              |      |                |
| QPD-3.9.3    | Name of Coding System                              |                 |              |      |                |
| QPD-3.9.4    | Alternate Identifier                               |                 |              |      |                |
| QPD-3.9.5    | Alternate Text                                     |                 |              |      |                |
| QPD-3.9.6    | Name of Alternate Coding System                    |                 |              |      |                |
| QPD-3.9.7    | Coding System Version ID                           |                 |              |      |                |
| QPD-3.9.8    | Alternate Coding System Version ID                 |                 |              |      |                |
| QPD-3.9.9    | Original Text                                      |                 |              |      |                |
| QPD-3.10     | Assigning Agency or Department                     |                 |              |      |                |
| QPD-3.10.1   | Identifier   |                 |              |      |                |
| QPD-3.10.2   | Text   |                 |              |      |                |
| QPD-3.10.3   | Name of Coding System                              |                 |              |      |                |
| QPD-3.10.4   | Alternate Identifier                               |                 |              |      |                |
| QPD-3.10.5   | Alternate Text                                     |                 |              |      |                |
| QPD-3.10.6   | Name of Alternate Coding System                    |                 |              |      |                |
| QPD-3.10.7   | Coding System Version ID                           |                 |              |      |                |
| QPD-3.10.8   | Alternate Coding System Version ID                 |                 |              |      |                |
| QPD-3.10.9   | Original Text                                      |                 |              |      |                |
| <b>QPD-4</b> | <b>Patient Name</b>                                |                 |              |      |                |
| QPD-4.1      | Family Name  |                 |              |      |                |
| QPD-4.1.1    | Surname  |                 | Johnson      |      |                |
| QPD-4.1.2    | Own Surname Prefix                                 |                 |              |      |                |
| QPD-4.1.3    | Own Surname  |                 |              |      |                |
| QPD-4.1.4    | Surname Prefix From Partner/Spouse                 |                 |              |      |                |
| QPD-4.1.5    | Surname From Partner/Spouse                        |                 |              |      |                |
| QPD-4.2      | Given Name   |                 | Sam          |      |                |
| QPD-4.3      | Second and Further Given Names or Initials Thereof |                 | S            |      |                |
| QPD-4.4      | Suffix (e.g., JR or III)                           |                 |              |      |                |
| QPD-4.5      | Prefix (e.g., DR)                                  |                 |              |      |                |
| QPD-4.6      | Degree (e.g., MD)                                  |                 |              |      |                |
| QPD-4.7      | Name Type Code                                     |                 | L            |      |                |
| QPD-4.8      | Name Representation Code                           |                 |              |      |                |
| QPD-4.9      | Name Context                                       |                 |              |      |                |
| QPD-4.9.1    | Identifier   |                 |              |      |                |
| QPD-4.9.2    | Text   |                 |              |      |                |
| QPD-4.9.3    | Name of Coding System                              |                 |              |      |                |
| QPD-4.9.4    | Alternate Identifier                               |                 |              |      |                |

| QPD-4.9.5    | Alternate Text                                     | Data Element | Data | Categorization |
|--------------|--|--------------|------|----------------|
| QPD-4.9.6    | Name of Alternate Coding System                    |              |      |                |
| QPD-4.10     | Name Validity Range                                |              |      |                |
| QPD-4.10.1   | Range Start Date/Time                              |              |      |                |
| QPD-4.10.2   | Range End Date/Time                                |              |      |                |
| QPD-4.11     | Name Assembly Order                                |              |      |                |
| QPD-4.12     | Effective Date                                     |              |      |                |
| QPD-4.12.1   | Time   |              |      |                |
| QPD-4.12.2   | Degree of Precision                                |              |      |                |
| QPD-4.13     | Expiration Date                                    |              |      |                |
| QPD-4.13.1   | Time   |              |      |                |
| QPD-4.13.2   | Degree of Precision                                |              |      |                |
| QPD-4.14     | Professional Suffix                                |              |      |                |
| <b>QPD-5</b> | <b>PatientMotherMaidenName</b>                     |              |      |                |
| QPD-5.1      | Family Name  |              |      |                |
| QPD-5.1.1    | Surname  |              |      |                |
| QPD-5.1.2    | Own Surname Prefix                                 |              |      |                |
| QPD-5.1.3    | Own Surname  |              |      |                |
| QPD-5.1.4    | Surname Prefix From Partner/Spouse                 |              |      |                |
| QPD-5.1.5    | Surname From Partner/Spouse                        |              |      |                |
| QPD-5.2      | Given Name   |              |      |                |
| QPD-5.3      | Second and Further Given Names or Initials Thereof |              |      |                |
| QPD-5.4      | Suffix (e.g., JR or III)                           |              |      |                |
| QPD-5.5      | Prefix (e.g., DR)                                  |              |      |                |
| QPD-5.6      | Degree (e.g., MD)                                  |              |      |                |
| QPD-5.7      | Name Type Code                                     |              |      |                |
| QPD-5.8      | Name Representation Code                           |              |      |                |
| QPD-5.9      | Name Context                                       |              |      |                |
| QPD-5.9.1    | Identifier   |              |      |                |
| QPD-5.9.2    | Text   |              |      |                |
| QPD-5.9.3    | Name of Coding System                              |              |      |                |
| QPD-5.9.4    | Alternate Identifier                               |              |      |                |
| QPD-5.9.5    | Alternate Text                                     |              |      |                |
| QPD-5.9.6    | Name of Alternate Coding System                    |              |      |                |
| QPD-5.10     | Name Validity Range                                |              |      |                |
| QPD-5.10.1   | Range Start Date/Time                              |              |      |                |
| QPD-5.10.2   | Range End Date/Time                                |              |      |                |
| QPD-5.11     | Name Assembly Order                                |              |      |                |
| QPD-5.12     | Effective Date                                     |              |      |                |
| QPD-5.12.1   | Time   |              |      |                |
| QPD-5.12.2   | Degree of Precision                                |              |      |                |
| QPD-5.13     | Expiration Date                                    |              |      |                |
| QPD-5.13.1   | Time   |              |      |                |
|              |  |              |      |                |

| QPD Location  | Professional Summary             | Data            | Categorization  |
|---------------|----------------------------------|-----------------|-----------------|
| <b>QPD-6</b>  | <b>Patient Date Of Birth</b>     |                 |                 |
| QPD-6.1       | Time                             | 19800214        |                 |
| QPD-6.2       | Degree of Precision              |                 |                 |
| <b>QPD-7</b>  | <b>Patient Sex</b>               | M               | Test Case Fixed |
| <b>QPD-8</b>  | <b>Patient Address</b>           |                 |                 |
| QPD-8.1       | Street Address                   |                 |                 |
| QPD-8.1.1     | Street or Mailing Address        | 10 East Main St |                 |
| QPD-8.1.2     | Street Name                      |                 |                 |
| QPD-8.1.3     | Dwelling Number                  |                 |                 |
| QPD-8.2       | Other Designation                |                 |                 |
| QPD-8.3       | City                             | Pretty Valley   |                 |
| QPD-8.4       | State or Province                | MI              |                 |
| QPD-8.5       | Zip or Postal Code               |                 |                 |
| QPD-8.6       | Country                          |                 |                 |
| QPD-8.7       | Address Type                     | L               |                 |
| QPD-8.8       | Other Geographic Designation     |                 |                 |
| QPD-8.9       | County/Parish Code               |                 |                 |
| QPD-8.10      | Census Tract                     |                 |                 |
| QPD-8.11      | Address Representation Code      |                 |                 |
| QPD-8.12      | Address Validity Range           |                 |                 |
| QPD-8.12.1    | Range Start Date/Time            |                 |                 |
| QPD-8.12.2    | Range End Date/Time              |                 |                 |
| QPD-8.13      | Effective Date                   |                 |                 |
| QPD-8.13.1    | Time                             |                 |                 |
| QPD-8.13.2    | Degree of Precision              |                 |                 |
| QPD-8.14      | Expiration Date                  |                 |                 |
| QPD-8.14.1    | Time                             |                 |                 |
| QPD-8.14.2    | Degree of Precision              |                 |                 |
| <b>QPD-9</b>  | <b>Phone</b>                     |                 |                 |
| QPD-9.1       | Telephone Number                 |                 |                 |
| QPD-9.2       | Telecommunication Use Code       | PRN             |                 |
| QPD-9.3       | Telecommunication Equipment Type | PH              |                 |
| QPD-9.4       | Email Address                    |                 |                 |
| QPD-9.5       | Country Code                     |                 |                 |
| QPD-9.6       | Area/City Code                   | 734             |                 |
| QPD-9.7       | Local Number                     | 5556712         |                 |
| QPD-9.8       | Extension                        |                 |                 |
| QPD-9.9       | Any Text                         |                 |                 |
| QPD-9.10      | Extension Prefix                 |                 |                 |
| QPD-9.11      | Speed Dial Code                  |                 |                 |
| QPD-9.12      | Unformatted Telephone number     |                 |                 |
| <b>QPD-10</b> | <b>Multiple birth indicator</b>  |                 |                 |
| <b>QPD-11</b> | <b>Birth order</b>               |                 |                 |

| QPD-12        | Location | Client last updated date            | Data | Categorization |
|---------------|----------|-------------------------------------|------|----------------|
|               | QPD-12.1 | Time                                |      |                |
|               | QPD-12.2 | Degree of Precision                 |      |                |
| <b>QPD-13</b> |          | <b>Client last updated facility</b> |      |                |
|               | QPD-13.1 | Namespace ID                        |      |                |
|               | QPD-13.2 | Universal ID                        |      |                |
|               | QPD-13.3 | Universal ID Type                   |      |                |