#### -MSH-

| Location | <b>Data Element</b>                 | Data                        | Categorization                  |
|----------|-------------------------------------|-----------------------------|---------------------------------|
| MSH-1    | Field Separator                     |                             | Value-Profile Fixed             |
| MSH-2    | Encoding Characters                 | ^~\&                        | Value-Profile Fixed             |
| MSH-3    | Sending Application                 |                             |                                 |
| MSH-3.1  | Namespace ID                        | wcApp                       | Presence-Content<br>Indifferent |
| MSH-3.2  | Universal ID                        |                             | Indifferent                     |
| MSH-3.3  | Universal ID Type                   |                             | Indifferent                     |
| MSH-4    | Sending Facility                    |                             |                                 |
| MSH-4.1  | Namespace ID                        | wcEHR                       | Presence-Content<br>Indifferent |
| MSH-4.2  | Universal ID                        |                             | Indifferent                     |
| MSH-4.3  | Universal ID Type                   |                             | Indifferent                     |
| MSH-5    | Receiving Application               |                             |                                 |
| MSH-5.1  | Namespace ID                        | iisApp                      | Presence-Content<br>Indifferent |
| MSH-5.2  | Universal ID                        |                             | Indifferent                     |
| MSH-5.3  | Universal ID Type                   |                             | Indifferent                     |
| MSH-6    | Receiving Facility                  |                             |                                 |
| MSH-6.1  | Namespace ID                        | IIS                         | Presence-Content<br>Indifferent |
| MSH-6.2  | Universal ID                        |                             | Indifferent                     |
| MSH-6.3  | Universal ID Type                   |                             | Indifferent                     |
| MSH-7    | Date/Time Of Message                |                             |                                 |
| MSH-7.1  | Time                                | 20150625121047.839-<br>0500 | Presence-System<br>Generated    |
| MSH-9    | Message Type                        |                             |                                 |
| MSH-9.1  | Message Code                        | VXU                         | Value-Profile Fixed             |
| MSH-9.2  | Trigger Event                       | V04                         | Value-Profile Fixed             |
| MSH-9.3  | Message Structure                   | VXU_V04                     | Value-Profile Fixed             |
| MSH-10   | Message Control ID                  | 35560                       | Presence-System<br>Generated    |
| MSH-11   | Processing ID                       |                             |                                 |
| MSH-11.1 | Processing ID                       | P                           | Presence-Content<br>Indifferent |
| MSH-12   | Version ID                          |                             |                                 |
| MSH-12.1 | Version ID                          | 2.5.1                       | Value-Profile Fixed             |
| MSH-15   | Accept Acknowledgment Type          | ER                          | Value-Profile Fixed             |
| MSH-16   | Application Acknowledgment Type     | AL                          | Value-Profile Fixed             |
| MSH-21   | Message Profile<br>Identifier       |                             |                                 |
| MSH-21.1 | Entity Identifier                   | Z22                         | Value-Test Case Fixed           |
| MSH-21.2 | Namespace ID                        | CDCPHINVS                   | Value-Test Case Fixed           |
| MSH-21.3 | Universal ID                        |                             | Indifferent                     |
| MSH-21.4 | Universal ID Type                   |                             | Indifferent                     |
| MSH-22   | Sending Responsible<br>Organization |                             |                                 |

| MSH-22.1   | Organization Name                  | wcEHR | Presence-Content<br>Indifferent |
|------------|------------------------------------|-------|---------------------------------|
| MSH-22.6   | Assigning Authority                |       |                                 |
| MSH-22.6.1 | Namespace ID                       |       | Indifferent                     |
| MSH-22.6.2 | Universal ID                       |       | Indifferent                     |
| MSH-22.6.3 | Universal ID Type                  |       | Indifferent                     |
| MSH-22.7   | Identifier Type Code               |       | Indifferent                     |
| MSH-22.10  | Organization<br>Identifier         |       | Indifferent                     |
| MSH-23     | Receiving Responsible Organization |       |                                 |
| MSH-23.1   | Organization Name                  | IIS   | Presence-Content<br>Indifferent |
| MSH-23.6   | Assigning Authority                |       |                                 |
| MSH-23.6.1 | Namespace ID                       |       | Indifferent                     |
| MSH-23.6.2 | Universal ID                       |       | Indifferent                     |
| MSH-23.6.3 | Universal ID Type                  |       | Indifferent                     |
| MSH-23.7   | Identifier Type Code               |       | Indifferent                     |
| MSH-23.10  | Organization<br>Identifier         |       | Indifferent                     |

#### PID

| Location  | <b>Data Element</b>                | Data    | Categorization                  |
|-----------|------------------------------------|---------|---------------------------------|
| PID-1     | Set ID - PID                       | 1       | Value-Profile Fixed             |
| PID-3     | Patient Identifier List            |         |                                 |
| PID-3.1   | ID Number                          | 7120    | Presence-Content<br>Indifferent |
| PID-3.3   | Check Digit Scheme                 |         | Indifferent                     |
| PID-3.4   | Assigning Authority                |         |                                 |
| PID-3.4.1 | Namespace ID                       | wcEHR   | Presence-Content<br>Indifferent |
| PID-3.4.2 | Universal ID                       |         | Indifferent                     |
| PID-3.4.3 | Universal ID Type                  |         | Indifferent                     |
| PID-3.5   | Identifier Type Code               | MR      | Presence-Content<br>Indifferent |
| PID-5     | Patient Name                       |         |                                 |
| PID-5.1   | Family Name                        |         |                                 |
| PID-5.1.1 | Surname                            | Barrett | Presence-Content<br>Indifferent |
| PID-5.1.2 | Own Surname<br>Prefix              |         |                                 |
| PID-5.1.3 | Own Surname                        |         |                                 |
| PID-5.1.4 | Surname Prefix From Partner/Spouse |         |                                 |
| PID-5.1.5 | Surname From<br>Partner/Spouse     |         |                                 |
| PID-5.2   | Given Name                         | Helen   | Presence-Content<br>Indifferent |
|           | Second and Further                 |         |                                 |

| PID-5.3     | Given Names or<br>Initials Thereof |             | Indifferent                     |
|-------------|------------------------------------|-------------|---------------------------------|
| PID-5.7     | Name Type Code                     | L           | Presence-Content<br>Indifferent |
| PID-6       | Mother's Maiden<br>Name            |             |                                 |
| PID-6.1     | Family Name                        |             |                                 |
| PID-6.1.1   | Surname                            |             | Indifferent                     |
| PID-6.1.2   | Own Surname<br>Prefix              |             |                                 |
| PID-6.1.3   | Own Surname                        |             |                                 |
| PID-6.1.4   | Surname Prefix From Partner/Spouse |             |                                 |
| PID-6.1.5   | Surname From<br>Partner/Spouse     |             |                                 |
| PID-6.7     | Name Type Code                     |             | Indifferent                     |
| PID-7       | Date/Time of Birth                 |             |                                 |
| PID-7.1     | Time                               | 19500317    | Presence-Content<br>Indifferent |
| PID-8       | Administrative Sex                 | F           | Presence-Content<br>Indifferent |
| PID-10      | Race                               |             |                                 |
| PID-10.1    | Identifier                         | 2106-3      | Presence-Content<br>Indifferent |
| PID-10.2    | Text                               | White       | Presence-Content<br>Indifferent |
| PID-10.3    | Name of Coding<br>System           | CDCREC      | Value-Profile Fixed             |
| PID-10.5    | Alternate Text                     |             | Indifferent                     |
| PID-10.6    | Name of Alternate<br>Coding System |             | Indifferent                     |
| PID-11      | Patient Address                    |             |                                 |
| PID-11.1    | Street Address                     |             |                                 |
| PID-11.1.1  | Street or Mailing<br>Address       | 763 Main St | Presence-Content<br>Indifferent |
| PID-11.1.2  | Street Name                        |             |                                 |
| PID-11.1.3  | Dwelling Number                    |             |                                 |
| PID-11.2    | Other Designation                  |             | Indifferent                     |
| PID-11.3    | City                               | Bozeman     | Presence-Content<br>Indifferent |
| PID-11.4    | State or Province                  | МТ          | Presence-Content<br>Indifferent |
| PID-11.5    | Zip or Postal Code                 | 59715       | Presence-Content<br>Indifferent |
| PID-11.6    | Country                            | USA         | Presence-Content<br>Indifferent |
| PID-11.7    | Address Type                       | P           | Presence-Content<br>Indifferent |
| PID-13[1]   | Phone Number - Home                |             |                                 |
| PID-13[1].2 | Telecommunication<br>Use Code      | PRN         | Presence-Content<br>Indifferent |
| PID-13[1].3 | Telecommunication                  | РН          | Value-Test Case Fixe            |
|             |                                    |             |                                 |

| PID-13[1].4 | Equipment Type<br>Email Address     |                        | NonPresence                     |
|-------------|-------------------------------------|------------------------|---------------------------------|
| PID-13[1].6 | Area/City Code                      | 406                    | Presence-Content<br>Indifferent |
| PID-13[1].7 | Local Number                        | 5554064                | Presence-Content<br>Indifferent |
| PID-13[2]   | Phone Number - Home                 |                        |                                 |
| PID-13[2].2 | Telecommunication Use Code          | NET                    | Presence-Content<br>Indifferent |
| PID-13[2].3 | Telecommunication<br>Equipment Type |                        | NonPresence                     |
| PID-13[2].4 | Email Address                       | Helen.Barrett@isp.com  | Presence-Content<br>Indifferent |
| PID-13[2].6 | Area/City Code                      |                        | NonPresence                     |
| PID-13[2].7 | Local Number                        |                        | NonPresence                     |
| PID-22      | Ethnic Group                        |                        |                                 |
| PID-22.1    | Identifier                          | 2186-5                 | Presence-Content<br>Indifferent |
| PID-22.2    | Text                                | Not Hispanic or Latino | Presence-Content<br>Indifferent |
| PID-22.3    | Name of Coding<br>System            | CDCREC                 | Value-Profile Fixed             |
| PID-22.5    | Alternate Text                      |                        | Indifferent                     |
| PID-22.6    | Name of Alternate<br>Coding System  |                        | Indifferent                     |
| PID-24      | Multiple Birth<br>Indicator         | N                      | Presence-Content<br>Indifferent |
| PID-25      | Birth Order                         | 1                      | Indifferent                     |
| PID-29      | Patient Death Date and Time         |                        |                                 |
| PID-29.1    | Time                                |                        | Indifferent                     |
| PID-30      | Patient Death Indicator             | N                      | Presence-Content<br>Indifferent |

## PD1-

| Location | <b>Data Element</b>                    | Data                     | Categorization                  |
|----------|--|--------------------------|---------------------------------|
| PD1-11   | Publicity Code                         |                          |                                 |
| PD1-11.1 | Identifier                             | 06                       | Presence-Content<br>Indifferent |
| PD1-11.2 | Text                                   | Recall only - any method | Presence-Content<br>Indifferent |
| PD1-11.3 | Name of Coding<br>System               | HL70215                  | Value-Profile Fixed             |
| PD1-11.5 | Alternate Text                         |                          | Indifferent                     |
| PD1-11.6 | Name of Alternate<br>Coding System     |                          | Indifferent                     |
| PD1-12   | Protection Indicator                   | Y                        | Value-Test Case Fixed           |
| PD1-13   | Protection Indicator<br>Effective Date | 20150625                 | Presence-Content<br>Indifferent |
| PD1-16   | Immunization Registry<br>Status        | A                        | Presence-Content<br>Indifferent |
|          | Immunization Registry                  |                          | Presence-Content                |

| PD1-17  | Status Effective Date            | 19500317 | Indifferent                     |
|---------|----------------------------------|----------|---------------------------------|
| P ) _ X | Publicity Code<br>Effective Date | 20150625 | Presence-Content<br>Indifferent |

## ORC-

| Location   | <b>Data Element</b>                                      | Data    | Categorization                  |
|------------|--|---------|---------------------------------|
| ORC-1      | Order Control  | RE      | Value-Profile Fixed             |
| ORC-2      | Placer Order Number                                      |         |                                 |
| ORC-2.1    | Entity Identifier  | 7646    | Presence-Content<br>Indifferent |
| ORC-2.2    | Namespace ID   | wcEHR   | Presence-Content<br>Indifferent |
| ORC-2.3    | Universal ID   |         | Indifferent                     |
| ORC-2.4    | Universal ID Type  |         | Indifferent                     |
| ORC-3      | Filler Order Number                                      |         |                                 |
| ORC-3.1    | Entity Identifier  | 53100   | Presence-Content<br>Indifferent |
| ORC-3.2    | Namespace ID   | wcEHR   | Presence-Content<br>Indifferent |
| ORC-3.3    | Universal ID   |         | Indifferent                     |
| ORC-3.4    | Universal ID Type  |         | Indifferent                     |
| ORC-10     | Entered By   |         |                                 |
| ORC-10.1   | ID Number  | 7824    | Presence-Content<br>Indifferent |
| ORC-10.2   | Family Name  |         |                                 |
| ORC-10.2.1 | Surname  | Jackson | Presence-Content<br>Indifferent |
| ORC-10.2.2 | Own Surname<br>Prefix                                    |         |                                 |
| ORC-10.2.3 | Own Surname  |         |                                 |
| ORC-10.2.4 | Surname Prefix<br>From<br>Partner/Spouse                 |         |                                 |
| ORC-10.2.5 | Surname From<br>Partner/Spouse                           |         |                                 |
| ORC-10.3   | Given Name   | Lily    | Presence-Content<br>Indifferent |
| ORC-10.4   | Second and Further<br>Given Names or<br>Initials Thereof | Suzanne | Presence-Content<br>Indifferent |
| ORC-10.9   | Assigning Authority                                      |         |                                 |
| ORC-10.9.1 | Namespace ID   | wcEHR   | Presence-Content<br>Indifferent |
| ORC-10.9.2 | Universal ID   |         |                                 |
| ORC-10.9.3 | Universal ID Type  |         |                                 |
| ORC-10.10  | Name Type Code   | L       | Presence-Content<br>Indifferent |
| ORC-10.12  | Check Digit Scheme                                       |         | Indifferent                     |
| ORC-10.13  | Identifier Type Code                                     | PRN     | Presence-Content<br>Indifferent |
| ORC-12     | Ordering Provider  |         |                                 |

| ORC-12.1   | ID Number  |             | Indifferent                     |
|------------|--|-------------|---------------------------------|
| ORC-12.2   | Family Name  |             |                                 |
| ORC-12.2.1 | Surname  |             | Indifferent                     |
| ORC-12.2.2 | Own Surname<br>Prefix                                    |             |                                 |
| ORC-12.2.3 | Own Surname  |             |                                 |
| ORC-12.2.4 | Surname Prefix<br>From<br>Partner/Spouse                 |             |                                 |
| ORC-12.2.5 | Surname From Partner/Spouse                              |             |                                 |
| ORC-12.3   | Given Name   |             | Indifferent                     |
| ORC-12.4   | Second and Further<br>Given Names or<br>Initials Thereof |             | Indifferent                     |
| ORC-12.9   | Assigning Authority                                      |             |                                 |
| ORC-12.9.1 | Namespace ID   |             | Indifferent                     |
| ORC-12.9.2 | Universal ID   |             | Indifferent                     |
| ORC-12.9.3 | Universal ID Type  |             | Indifferent                     |
| ORC-12.10  | Name Type Code   |             | Indifferent                     |
| ORC-12.12  | Check Digit Scheme                                       |             | Indifferent                     |
| ORC-12.13  | Identifier Type Code                                     |             | Indifferent                     |
| ORC-17     | Entering Organization                                    |             |                                 |
| ORC-17.1   | Identifier   | wcEHR       | Presence-Content<br>Indifferent |
| ORC-17.2   | Text   | West Clinic | Presence-Content<br>Indifferent |
| ORC-17.3   | Name of Coding<br>System                                 | HL70362     | Value-Profile Fixed             |
| ORC-17.5   | Alternate Text   |             | Indifferent                     |
| ORC-17.6   | Name of Alternate<br>Coding System                       |             | Indifferent                     |

# -RXA-

| Location | <b>Data Element</b>               | Data     | Categorization                  |
|----------|-----------------------------------|----------|---------------------------------|
| RXA-1    | Give Sub-ID Counter               | 0        | Value-Profile Fixed             |
| RXA-2    | Administration Sub-ID Counter     | 1        | Value-Profile Fixed             |
| RXA-3    | Date/Time Start of Administration |          |                                 |
| RXA-3.1  | Time                              | 20150317 | Presence-Content<br>Indifferent |
| RXA-5    | Administered Code                 |          |                                 |
| RXA-5.1  | Identifier                        | 121      | Value-Test Case Fixed           |
| RXA-5.2  | Text                              | zoster   | Presence-Content<br>Indifferent |
| RXA-5.3  | Name of Coding<br>System          | CVX      | Value-Test Case Fixed           |
| RXA-5.5  | Alternate Text                    |          | Indifferent                     |
|          | Name of Alternate                 |          |                                 |

| RXA-5.6    | Coding System  |                              | Indifferent                     |
|------------|--|------------------------------|---------------------------------|
| RXA-6      | Administered Amount                                      | 999                          | Value-Test Case Fixed           |
| RXA-7      | Administered Units                                       |                              |                                 |
| RXA-7.1    | Identifier   |                              | NonPresence                     |
| RXA-7.2    | Text   |                              | NonPresence                     |
| RXA-7.3    | Name of Coding<br>System                                 |                              | NonPresence                     |
| RXA-7.5    | Alternate Text   |                              | NonPresence                     |
| RXA-7.6    | Name of Alternate<br>Coding System                       |                              | NonPresence                     |
| RXA-9      | Administration Notes                                     |                              |                                 |
| RXA-9.1    | Identifier   | 01                           | Value-Test Case Fixed           |
| RXA-9.2    | Text   | Historical<br>Administration | Presence-Content<br>Indifferent |
| RXA-9.3    | Name of Coding<br>System                                 | NIP001                       | Value-Profile Fixed             |
| RXA-9.5    | Alternate Text   |                              | Indifferent                     |
| RXA-9.6    | Name of Alternate<br>Coding System                       |                              | Indifferent                     |
| RXA-10     | Administering<br>Provider                                |                              |                                 |
| RXA-10.1   | ID Number  |                              | Indifferent                     |
| RXA-10.2   | Family Name  |                              |                                 |
| RXA-10.2.1 | Surname  |                              | Indifferent                     |
| RXA-10.2.2 | Own Surname<br>Prefix                                    |                              |                                 |
| RXA-10.2.3 | Own Surname  |                              |                                 |
| RXA-10.2.4 | Surname Prefix<br>From<br>Partner/Spouse                 |                              |                                 |
| RXA-10.2.5 | Surname From Partner/Spouse                              |                              |                                 |
| RXA-10.3   | Given Name   |                              | Indifferent                     |
| RXA-10.4   | Second and Further<br>Given Names or<br>Initials Thereof |                              | Indifferent                     |
| RXA-10.9   | Assigning Authority                                      |                              |                                 |
| RXA-10.9.1 | Namespace ID   |                              | Indifferent                     |
| RXA-10.9.2 | Universal ID   |                              | Indifferent                     |
| RXA-10.9.3 | Universal ID Type  |                              | Indifferent                     |
| RXA-10.10  | Name Type Code   |                              | Indifferent                     |
| RXA-10.12  | Check Digit Scheme                                       |                              | Indifferent                     |
| RXA-10.13  | Identifier Type Code                                     |                              | Indifferent                     |
| RXA-11     | Administered-at Location                                 |                              |                                 |
| RXA-11.4   | Facility   |                              |                                 |
| RXA-11.4.1 | Namespace ID   |                              | Indifferent                     |
| RXA-11.4.2 | Universal ID   |                              | Indifferent                     |
| RXA-11.4.3 | Universal ID Type  |                              | Indifferent                     |
| RXA-15     | Substance Lot Number                                     |                              | Indifferent                     |
| RXA-16     | Substance Expiration Date                                |                              |                                 |

| RXA-16.1 | Time                                  |    | Indifferent           |
|----------|---------------------------------------|----|-----------------------|
| RXA-17   | Substance<br>Manufacturer Name        |    |                       |
| RXA-17.1 | Identifier                            |    | Indifferent           |
| RXA-17.2 | Text                                  |    | Indifferent           |
| RXA-17.3 | Name of Coding<br>System              |    | Indifferent           |
| RXA-17.5 | Alternate Text                        |    | Indifferent           |
| RXA-17.6 | Name of Alternate<br>Coding System    |    | Indifferent           |
| RXA-18   | Substance/Treatment<br>Refusal Reason |    |                       |
| RXA-18.1 | Identifier                            |    | Indifferent           |
| RXA-18.2 | Text                                  |    | Indifferent           |
| RXA-18.3 | Name of Coding<br>System              |    | Indifferent           |
| RXA-18.5 | Alternate Text                        |    | Indifferent           |
| RXA-18.6 | Name of Alternate<br>Coding System    |    | Indifferent           |
| RXA-20   | Completion Status                     | СР | Value-Test Case Fixed |
| RXA-21   | Action Code - RXA                     | A  | Value-Test Case Fixed |

| Location | <b>Data Element</b>   | Data                        | Categorization                  |
|----------|-----------------------|-----------------------------|---------------------------------|
| MSH-1    | Field Separator       |                             | Value-Profile Fixed             |
| MSH-2    | Encoding Characters   | ^~\&                        | Value-Profile Fixed             |
| MSH-3    | Sending Application   |                             |                                 |
| MSH-3.1  | Namespace ID          | wcApp                       | Presence-Content<br>Indifferent |
| MSH-3.2  | Universal ID          |                             | Indifferent                     |
| MSH-3.3  | Universal ID Type     |                             | Indifferent                     |
| MSH-4    | Sending Facility      |                             |                                 |
| MSH-4.1  | Namespace ID          | wcEHR                       | Presence-Content<br>Indifferent |
| MSH-4.2  | Universal ID          |                             | Indifferent                     |
| MSH-4.3  | Universal ID Type     |                             | Indifferent                     |
| MSH-5    | Receiving Application |                             |                                 |
| MSH-5.1  | Namespace ID          | iisApp                      | Presence-Content<br>Indifferent |
| MSH-5.2  | Universal ID          |                             | Indifferent                     |
| MSH-5.3  | Universal ID Type     |                             | Indifferent                     |
| MSH-6    | Receiving Facility    |                             |                                 |
| MSH-6.1  | Namespace ID          | IIS                         | Presence-Content<br>Indifferent |
| MSH-6.2  | Universal ID          |                             | Indifferent                     |
| MSH-6.3  | Universal ID Type     |                             | Indifferent                     |
| MSH-7    | Date/Time Of Message  |                             |                                 |
| MSH-7.1  | Time                  | 20150625121047.839-<br>0500 | Presence-System<br>Generated    |
|          |                       |                             |                                 |

| MSH-9      | Message Type                          |           |                                 |
|------------|---------------------------------------|-----------|---------------------------------|
| MSH-9.1    | Message Code                          | VXU       | Value-Profile Fixed             |
| MSH-9.2    | Trigger Event                         | V04       | Value-Profile Fixed             |
| MSH-9.3    | Message Structure                     | VXU_V04   | Value-Profile Fixed             |
| MSH-10     | Message Control ID                    | 35560     | Presence-System<br>Generated    |
| MSH-11     | Processing ID                         |           |                                 |
| MSH-11.1   | Processing ID                         | P         | Presence-Content<br>Indifferent |
| MSH-12     | Version ID                            |           |                                 |
| MSH-12.1   | Version ID                            | 2.5.1     | Value-Profile Fixed             |
| MSH-15     | Accept Acknowledgment Type            | ER        | Value-Profile Fixed             |
| MSH-16     | Application Acknowledgment Type       | AL        | Value-Profile Fixed             |
| MSH-21     | Message Profile Identifier            |           |                                 |
| MSH-21.1   | Entity Identifier                     | Z22       | Value-Test Case Fixed           |
| MSH-21.2   | Namespace ID                          | CDCPHINVS | Value-Test Case Fixed           |
| MSH-21.3   | Universal ID                          |           | Indifferent                     |
| MSH-21.4   | Universal ID Type                     |           | Indifferent                     |
| MSH-22     | Sending Responsible Organization      |           |                                 |
| MSH-22.1   | Organization Name                     | wcEHR     | Presence-Content<br>Indifferent |
| MSH-22.6   | Assigning Authority                   |           |                                 |
| MSH-22.6.1 | Namespace ID                          |           | Indifferent                     |
| MSH-22.6.2 | Universal ID                          |           | Indifferent                     |
| MSH-22.6.3 | Universal ID Type                     |           | Indifferent                     |
| MSH-22.7   | Identifier Type Code                  |           | Indifferent                     |
| MSH-22.10  | Organization Identifier               |           | Indifferent                     |
| MSH-23     | Receiving Responsible<br>Organization |           |                                 |
| MSH-23.1   | Organization Name                     | IIS       | Presence-Content<br>Indifferent |
| MSH-23.6   | Assigning Authority                   |           |                                 |
| MSH-23.6.1 | Namespace ID                          |           | Indifferent                     |
| MSH-23.6.2 | Universal ID                          |           | Indifferent                     |
| MSH-23.6.3 | Universal ID Type                     |           | Indifferent                     |
| MSH-23.7   | Identifier Type Code                  |           | Indifferent                     |
| MSH-23.10  | Organization Identifier               |           | Indifferent                     |

| Location  | <b>Data Element</b>     | Data  | Categorization                  |
|-----------|-------------------------|-------|---------------------------------|
| PID-1     | Set ID - PID            | 1     | Value-Profile Fixed             |
| PID-3     | Patient Identifier List |       |                                 |
| PID-3.1   | ID Number               | 7120  | Presence-Content<br>Indifferent |
| PID-3.3   | Check Digit Scheme      |       | Indifferent                     |
| PID-3.4   | Assigning Authority     |       |                                 |
| PID-3.4.1 | Namespace ID            | wcEHR | Presence-Content<br>Indifferent |

| PID-3.4.2  | Universal ID                                       |             | Indifferent                     |
|------------|--|-------------|---------------------------------|
| PID-3.4.3  | Universal ID Type                                  |             | Indifferent                     |
| PID-3.5    | Identifier Type Code                               | MR          | Presence-Content<br>Indifferent |
| PID-5      | Patient Name                                       |             |                                 |
| PID-5.1    | Family Name  |             |                                 |
| PID-5.1.1  | Surname  | Barrett     | Presence-Content<br>Indifferent |
| PID-5.1.2  | Own Surname Prefix                                 |             |                                 |
| PID-5.1.3  | Own Surname  |             |                                 |
| PID-5.1.4  | Surname Prefix From Partner/Spouse                 |             |                                 |
| PID-5.1.5  | Surname From<br>Partner/Spouse                     |             |                                 |
| PID-5.2    | Given Name   | Helen       | Presence-Content<br>Indifferent |
| PID-5.3    | Second and Further Given Names or Initials Thereof |             | Indifferent                     |
| PID-5.7    | Name Type Code                                     | L           | Presence-Content<br>Indifferent |
| PID-6      | Mother's Maiden Name                               |             |                                 |
| PID-6.1    | Family Name  |             |                                 |
| PID-6.1.1  | Surname  |             | Indifferent                     |
| PID-6.1.2  | Own Surname Prefix                                 |             |                                 |
| PID-6.1.3  | Own Surname  |             |                                 |
| PID-6.1.4  | Surname Prefix From Partner/Spouse                 |             |                                 |
| PID-6.1.5  | Surname From<br>Partner/Spouse                     |             |                                 |
| PID-6.7    | Name Type Code                                     |             | Indifferent                     |
| PID-7      | Date/Time of Birth                                 |             |                                 |
| PID-7.1    | Time   | 19500317    | Presence-Content<br>Indifferent |
| PID-8      | Administrative Sex                                 | F           | Presence-Content<br>Indifferent |
| PID-10     | Race   |             |                                 |
| PID-10.1   | Identifier   | 2106-3      | Presence-Content<br>Indifferent |
| PID-10.2   | Text   | White       | Presence-Content<br>Indifferent |
| PID-10.3   | Name of Coding<br>System                           | CDCREC      | Value-Profile Fixed             |
| PID-10.5   | Alternate Text                                     |             | Indifferent                     |
| PID-10.6   | Name of Alternate<br>Coding System                 |             | Indifferent                     |
| PID-11     | Patient Address                                    |             |                                 |
| PID-11.1   | Street Address                                     |             |                                 |
| PID-11.1.1 | Street or Mailing<br>Address                       | 763 Main St | Presence-Content<br>Indifferent |
| PID-11.1.2 | Street Name  |             |                                 |
| PID-11.1.3 | Dwelling Number                                    |             |                                 |
| PID-11.2   | Other Designation                                  |             | Indifferent                     |

|             | 1                                   |                        |                                 |
|-------------|-------------------------------------|------------------------|---------------------------------|
| PID-11.3    | City                                | Bozeman                | Presence-Content<br>Indifferent |
| PID-11.4    | State or Province                   | MT                     | Presence-Content<br>Indifferent |
| PID-11.5    | Zip or Postal Code                  | 59715                  | Presence-Content<br>Indifferent |
| PID-11.6    | Country                             | USA                    | Presence-Content<br>Indifferent |
| PID-11.7    | Address Type                        | P                      | Presence-Content<br>Indifferent |
| PID-13[1]   | Phone Number - Home                 |                        |                                 |
| PID-13[1].2 | Telecommunication Use Code          | PRN                    | Presence-Content<br>Indifferent |
| PID-13[1].3 | Telecommunication<br>Equipment Type | РН                     | Value-Test Case Fixed           |
| PID-13[1].4 | Email Address                       |                        | NonPresence                     |
| PID-13[1].6 | Area/City Code                      | 406                    | Presence-Content<br>Indifferent |
| PID-13[1].7 | Local Number                        | 5554064                | Presence-Content<br>Indifferent |
| PID-13[2]   | Phone Number - Home                 |                        |                                 |
| PID-13[2].2 | Telecommunication Use Code          | NET                    | Presence-Content<br>Indifferent |
| PID-13[2].3 | Telecommunication<br>Equipment Type |                        | NonPresence                     |
| PID-13[2].4 | Email Address                       | Helen.Barrett@isp.com  | Presence-Content<br>Indifferent |
| PID-13[2].6 | Area/City Code                      |                        | NonPresence                     |
| PID-13[2].7 | Local Number                        |                        | NonPresence                     |
| PID-22      | Ethnic Group                        |                        |                                 |
| PID-22.1    | Identifier                          | 2186-5                 | Presence-Content<br>Indifferent |
| PID-22.2    | Text                                | Not Hispanic or Latino | Presence-Content<br>Indifferent |
| PID-22.3    | Name of Coding<br>System            | CDCREC                 | Value-Profile Fixed             |
| PID-22.5    | Alternate Text                      |                        | Indifferent                     |
| PID-22.6    | Name of Alternate<br>Coding System  |                        | Indifferent                     |
| PID-24      | Multiple Birth Indicator            | N                      | Presence-Content<br>Indifferent |
| PID-25      | Birth Order                         | 1                      | Indifferent                     |
| PID-29      | Patient Death Date and Time         |                        |                                 |
| PID-29.1    | Time                                |                        | Indifferent                     |
| PID-30      | Patient Death Indicator             | N                      | Presence-Content<br>Indifferent |

| Location | <b>Data Element</b> | Data | Categorization                  |
|----------|---------------------|------|---------------------------------|
| PD1-11   | Publicity Code      |      |                                 |
| PD1-11.1 | Identifier          | 06   | Presence-Content<br>Indifferent |
|          | 11                  | 1    | I                               |

| PD1-11.2 | Text   | Recall only - any method | Presence-Content<br>Indifferent |
|----------|--|--------------------------|---------------------------------|
| PD1-11.3 | Name of Coding<br>System                       | HL70215                  | Value-Profile Fixed             |
| PD1-11.5 | Alternate Text                                 |                          | Indifferent                     |
| PD1-11.6 | Name of Alternate<br>Coding System             |                          | Indifferent                     |
| PD1-12   | Protection Indicator                           | Y                        | Value-Test Case Fixed           |
| PD1-13   | Protection Indicator<br>Effective Date         | 20150625                 | Presence-Content<br>Indifferent |
| PD1-16   | Immunization Registry<br>Status                | A                        | Presence-Content<br>Indifferent |
| PD1-17   | Immunization Registry<br>Status Effective Date | 19500317                 | Presence-Content<br>Indifferent |
| PD1-18   | Publicity Code Effective Date                  | 20150625                 | Presence-Content<br>Indifferent |

| Location   | Data Element   | Data    | Categorization                  |
|------------|--|---------|---------------------------------|
| ORC-1      | Order Control  | RE      | Value-Profile Fixed             |
| ORC-2      | Placer Order Number                                      |         |                                 |
| ORC-2.1    | Entity Identifier  | 7646    | Presence-Content<br>Indifferent |
| ORC-2.2    | Namespace ID   | wcEHR   | Presence-Content<br>Indifferent |
| ORC-2.3    | Universal ID   |         | Indifferent                     |
| ORC-2.4    | Universal ID Type  |         | Indifferent                     |
| ORC-3      | Filler Order Number                                      |         |                                 |
| ORC-3.1    | Entity Identifier  | 53100   | Presence-Content<br>Indifferent |
| ORC-3.2    | Namespace ID   | wcEHR   | Presence-Content<br>Indifferent |
| ORC-3.3    | Universal ID   |         | Indifferent                     |
| ORC-3.4    | Universal ID Type  |         | Indifferent                     |
| ORC-10     | Entered By   |         |                                 |
| ORC-10.1   | ID Number  | 7824    | Presence-Content<br>Indifferent |
| ORC-10.2   | Family Name  |         |                                 |
| ORC-10.2.1 | Surname  | Jackson | Presence-Content<br>Indifferent |
| ORC-10.2.2 | Own Surname Prefix                                       |         |                                 |
| ORC-10.2.3 | Own Surname  |         |                                 |
| ORC-10.2.4 | Surname Prefix From Partner/Spouse                       |         |                                 |
| ORC-10.2.5 | Surname From<br>Partner/Spouse                           |         |                                 |
| ORC-10.3   | Given Name   | Lily    | Presence-Content<br>Indifferent |
| ORC-10.4   | Second and Further<br>Given Names or Initials<br>Thereof | Suzanne | Presence-Content<br>Indifferent |
| ORC-10.9   | Assigning Authority                                      |         |                                 |
| ORC-10.9.1 | Namespace ID   | wcEHR   | Presence-Content                |

|            |  |             | Indifferent                     |
|------------|--|-------------|---------------------------------|
| ORC-10.9.2 | Universal ID   |             |                                 |
| ORC-10.9.3 | Universal ID Type  |             |                                 |
| ORC-10.10  | Name Type Code   | L           | Presence-Content<br>Indifferent |
| ORC-10.12  | Check Digit Scheme                                       |             | Indifferent                     |
| ORC-10.13  | Identifier Type Code                                     | PRN         | Presence-Content<br>Indifferent |
| ORC-12     | Ordering Provider  |             |                                 |
| ORC-12.1   | ID Number  |             | Indifferent                     |
| ORC-12.2   | Family Name  |             |                                 |
| ORC-12.2.1 | Surname  |             | Indifferent                     |
| ORC-12.2.2 | Own Surname Prefix                                       |             |                                 |
| ORC-12.2.3 | Own Surname  |             |                                 |
| ORC-12.2.4 | Surname Prefix From<br>Partner/Spouse                    |             |                                 |
| ORC-12.2.5 | Surname From<br>Partner/Spouse                           |             |                                 |
| ORC-12.3   | Given Name   |             | Indifferent                     |
| ORC-12.4   | Second and Further<br>Given Names or Initials<br>Thereof |             | Indifferent                     |
| ORC-12.9   | Assigning Authority                                      |             |                                 |
| ORC-12.9.1 | Namespace ID   |             | Indifferent                     |
| ORC-12.9.2 | Universal ID   |             | Indifferent                     |
| ORC-12.9.3 | Universal ID Type  |             | Indifferent                     |
| ORC-12.10  | Name Type Code   |             | Indifferent                     |
| ORC-12.12  | Check Digit Scheme                                       |             | Indifferent                     |
| ORC-12.13  | Identifier Type Code                                     |             | Indifferent                     |
| ORC-17     | Entering Organization                                    |             |                                 |
| ORC-17.1   | Identifier   | wcEHR       | Presence-Content<br>Indifferent |
| ORC-17.2   | Text   | West Clinic | Presence-Content<br>Indifferent |
| ORC-17.3   | Name of Coding<br>System                                 | HL70362     | Value-Profile Fixed             |
| ORC-17.5   | Alternate Text   |             | Indifferent                     |
| ORC-17.6   | Name of Alternate<br>Coding System                       |             | Indifferent                     |

| Location | <b>Data Element</b>               | Data     | Categorization                  |
|----------|-----------------------------------|----------|---------------------------------|
| RXA-1    | Give Sub-ID Counter               | 0        | Value-Profile Fixed             |
| RXA-2    | Administration Sub-ID Counter     | 1        | Value-Profile Fixed             |
| RXA-3    | Date/Time Start of Administration |          |                                 |
| RXA-3.1  | Time                              | 20150317 | Presence-Content<br>Indifferent |
| RXA-5    | Administered Code                 |          |                                 |
| RXA-5.1  | Identifier                        | 121      | Value-Test Case Fixed           |
|          |                                   |          | Presence-Content                |

| RXA-5.2    | Text   | zoster                    | Indifferent                     |
|------------|--|---------------------------|---------------------------------|
| RXA-5.3    | Name of Coding<br>System                                 | CVX                       | Value-Test Case Fixed           |
| RXA-5.5    | Alternate Text   |                           | Indifferent                     |
| RXA-5.6    | Name of Alternate<br>Coding System                       |                           | Indifferent                     |
| RXA-6      | Administered Amount                                      | 999                       | Value-Test Case Fixed           |
| RXA-7      | Administered Units                                       |                           |                                 |
| RXA-7.1    | Identifier   |                           | NonPresence                     |
| RXA-7.2    | Text   |                           | NonPresence                     |
| RXA-7.3    | Name of Coding<br>System                                 |                           | NonPresence                     |
| RXA-7.5    | Alternate Text   |                           | NonPresence                     |
| RXA-7.6    | Name of Alternate<br>Coding System                       |                           | NonPresence                     |
| RXA-9      | Administration Notes                                     |                           |                                 |
| RXA-9.1    | Identifier   | 01                        | Value-Test Case Fixed           |
| RXA-9.2    | Text   | Historical Administration | Presence-Content<br>Indifferent |
| RXA-9.3    | Name of Coding<br>System                                 | NIP001                    | Value-Profile Fixed             |
| RXA-9.5    | Alternate Text   |                           | Indifferent                     |
| RXA-9.6    | Name of Alternate<br>Coding System                       |                           | Indifferent                     |
| RXA-10     | Administering Provider                                   |                           |                                 |
| RXA-10.1   | ID Number  |                           | Indifferent                     |
| RXA-10.2   | Family Name  |                           |                                 |
| RXA-10.2.1 | Surname  |                           | Indifferent                     |
| RXA-10.2.2 | Own Surname Prefix                                       |                           |                                 |
| RXA-10.2.3 | Own Surname  |                           |                                 |
| RXA-10.2.4 | Surname Prefix From<br>Partner/Spouse                    |                           |                                 |
| RXA-10.2.5 | Surname From<br>Partner/Spouse                           |                           |                                 |
| RXA-10.3   | Given Name   |                           | Indifferent                     |
| RXA-10.4   | Second and Further<br>Given Names or Initials<br>Thereof |                           | Indifferent                     |
| RXA-10.9   | Assigning Authority                                      |                           |                                 |
| RXA-10.9.1 | Namespace ID   |                           | Indifferent                     |
| RXA-10.9.2 | Universal ID   |                           | Indifferent                     |
| RXA-10.9.3 | Universal ID Type  |                           | Indifferent                     |
| RXA-10.10  | Name Type Code   |                           | Indifferent                     |
| RXA-10.12  | Check Digit Scheme                                       |                           | Indifferent                     |
| RXA-10.13  | Identifier Type Code                                     |                           | Indifferent                     |
| RXA-11     | Administered-at Location                                 |                           |                                 |
| RXA-11.4   | Facility   |                           |                                 |
| RXA-11.4.1 | Namespace ID   |                           | Indifferent                     |
| RXA-11.4.2 | Universal ID   |                           | Indifferent                     |
| RXA-11.4.3 | Universal ID Type  |                           | Indifferent                     |
| RXA-15     | Substance Lot Number                                     |                           | Indifferent                     |

| RXA-16   | Substance Expiration Date             |                          |
|----------|---------------------------------------|--------------------------|
| RXA-16.1 | Time                                  | Indifferent              |
| RXA-17   | Substance Manufacturer<br>Name        |                          |
| RXA-17.1 | Identifier                            | Indifferent              |
| RXA-17.2 | Text                                  | Indifferent              |
| RXA-17.3 | Name of Coding<br>System              | Indifferent              |
| RXA-17.5 | Alternate Text                        | Indifferent              |
| RXA-17.6 | Name of Alternate<br>Coding System    | Indifferent              |
| RXA-18   | Substance/Treatment<br>Refusal Reason |                          |
| RXA-18.1 | Identifier                            | Indifferent              |
| RXA-18.2 | Text                                  | Indifferent              |
| RXA-18.3 | Name of Coding<br>System              | Indifferent              |
| RXA-18.5 | Alternate Text                        | Indifferent              |
| RXA-18.6 | Name of Alternate<br>Coding System    | Indifferent              |
| RXA-20   | Completion Status                     | CP Value-Test Case Fixed |
| RXA-21   | Action Code - RXA                     | A Value-Test Case Fixed  |