

## MSH

| Location | Data Element                     | 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 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 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 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 Indifferent |
| MSH-6.2  | Universal ID                     |                         | Indifferent                  |
| MSH-6.3  | Universal ID Type                |                         | Indifferent                  |
| MSH-7    | Date/Time Of Message             |                         |                              |
| MSH-7.1  | Time                             | 20150624093847.804-0500 | Presence-System 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               | 71892                   | Presence-System Generated    |
| MSH-11   | Processing ID                    |                         |                              |
| MSH-11.1 | Processing ID                    | P                       | Presence-Content 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                  | weEHR | Presence-Content 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 Organization |       |                              |
| MSH-23.1   | Organization Name                  | IIS   | Presence-Content 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                  |

## PID

| Location  | Data Element                       | Data      | Categorization                      |
|-----------|------------------------------------|-----------|-------------------------------------|
| PID-1     | Set ID - PID                       | 1         | Value-Profile Fixed                 |
| PID-3     | Patient Identifier List            |           |                                     |
| PID-3.1   | ID Number                          | 89778     | Presence-Content Indifferent        |
| PID-3.3   | Check Digit Scheme                 |           | Indifferent                         |
| PID-3.4   | Assigning Authority                |           |                                     |
| PID-3.4.1 | Namespace ID                       | weEHR     | Presence-Content 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 Indifferent        |
| PID-5     | Patient Name                       |           |                                     |
| PID-5.1   | Family Name                        |           |                                     |
| PID-5.1.1 | Surname                            | Benton    | Presence-Content 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 Partner/Spouse        |           |                                     |
| PID-5.2   | Given Name                         | Katherine | Presence Length-Content Indifferent |
|           | Second and Further                 |           | Presence Length-                    |

|            |                                    |                  |                              |
|------------|------------------------------------|------------------|------------------------------|
| PID-5.3    | Given Names or Initials Thereof    | Mackenzie        | Content Indifferent          |
| PID-5.7    | Name Type Code                     | L                | Presence-Content Indifferent |
| PID-6      | Mother's Maiden Name               |                  |                              |
| PID-6.1    | Family Name                        |                  |                              |
| PID-6.1.1  | Surname                            | Jones            | Presence-Content 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 Partner/Spouse        |                  |                              |
| PID-6.7    | Name Type Code                     | M                | Value-Profile Fixed          |
| PID-7      | Date/Time of Birth                 |                  |                              |
| PID-7.1    | Time                               | 20031221         | Presence-Content Indifferent |
| PID-8      | Administrative Sex                 | F                | Presence-Content Indifferent |
| PID-10     | Race                               |                  |                              |
| PID-10.1   | Identifier                         | 2106-3           | Presence-Content Indifferent |
| PID-10.2   | Text                               | White            | Presence-Content Indifferent |
| PID-10.3   | Name of Coding System              | CDCREC           | Value-Profile Fixed          |
| PID-10.5   | Alternate Text                     |                  | Indifferent                  |
| PID-10.6   | Name of Alternate Coding System    |                  | Indifferent                  |
| PID-11     | Patient Address                    |                  |                              |
| PID-11.1   | Street Address                     |                  |                              |
| PID-11.1.1 | Street or Mailing Address          | 89 West 21st Ave | Presence-Content 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 Indifferent |
| PID-11.4   | State or Province                  | MT               | Presence-Content Indifferent |
| PID-11.5   | Zip or Postal Code                 | 59715            | Presence-Content Indifferent |
| PID-11.6   | Country                            | USA              | Presence-Content Indifferent |
| PID-11.7   | Address Type                       | P                | Presence-Content Indifferent |
| PID-13     | Phone Number - Home                |                  |                              |
| PID-13.2   | Telecommunication Use Code         | PRN              | Presence-Content Indifferent |

|          |                                    |                        |                                 |
|----------|------------------------------------|------------------------|---------------------------------|
| PID-13.3 | Telecommunication                  | PH                     | Value-Test Case Fixed           |
| PID-13.4 | Equipment Type<br>Email Address    |                        | NonPresence                     |
| PID-13.6 | Area/City Code                     | 406                    | Presence-Content<br>Indifferent |
| PID-13.7 | Local Number                       | 5554019                | Presence-Content<br>Indifferent |
| 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<br>Time     |                        |                                 |
| PID-29.1 | Time                               |                        | Indifferent                     |
| PID-30   | Patient Death Indicator            | N                      | Presence-Content<br>Indifferent |

### PD1

| Location | Data Element                                   | Data               | Categorization                  |
|----------|--|--------------------|---------------------------------|
| PD1-11   | Publicity Code                                 |                    |                                 |
| PD1-11.1 | Identifier                                     | 01                 | Presence-Content<br>Indifferent |
| PD1-11.2 | Text   | No reminder/recall | 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         | 20150624           | Presence-Content<br>Indifferent |
| PD1-16   | Immunization Registry<br>Status                | A                  | Presence-Content<br>Indifferent |
| PD1-17   | Immunization Registry<br>Status Effective Date | 20031221           | Presence-Content<br>Indifferent |
| PD1-18   | Publicity Code<br>Effective Date               | 20150624           | Presence-Content<br>Indifferent |

### NK1

| Location | Data Element | Data | Categorization |
|----------|--------------|------|----------------|
|----------|--------------|------|----------------|

|           |  |                  |                              |
|-----------|--|------------------|------------------------------|
| NK1-1     | Set ID - NK1                                       | 1                | Value-Profile Fixed          |
| NK1-2     | Name   |                  |                              |
| NK1-2.1   | Family Name  |                  |                              |
| NK1-2.1.1 | Surname  | Benton           | Presence-Content Indifferent |
| NK1-2.1.2 | Own Surname Prefix                                 |                  |                              |
| NK1-2.1.3 | Own Surname  |                  |                              |
| NK1-2.1.4 | Surname Prefix From Partner/Spouse                 |                  |                              |
| NK1-2.1.5 | Surname From Partner/Spouse                        |                  |                              |
| NK1-2.2   | Given Name   | Kari             | Presence-Content Indifferent |
| NK1-2.3   | Second and Further Given Names or Initials Thereof | Michelle         | Presence-Content Indifferent |
| NK1-2.7   | Name Type Code                                     | L                | Presence-Content Indifferent |
| NK1-3     | Relationship                                       |                  |                              |
| NK1-3.1   | Identifier   | MTH              | Presence-Content Indifferent |
| NK1-3.2   | Text   | Mother           | Presence-Content Indifferent |
| NK1-3.3   | Name of Coding System                              | HL70063          | Value-Profile Fixed          |
| NK1-3.5   | Alternate Text                                     |                  | Indifferent                  |
| NK1-3.6   | Name of Alternate Coding System                    |                  | Indifferent                  |
| NK1-4     | Address  |                  |                              |
| NK1-4.1   | Street Address                                     |                  |                              |
| NK1-4.1.1 | Street or Mailing Address                          | 89 West 21st Ave | Presence-Content Indifferent |
| NK1-4.1.2 | Street Name  |                  |                              |
| NK1-4.1.3 | Dwelling Number                                    |                  |                              |
| NK1-4.2   | Other Designation                                  |                  | Indifferent                  |
| NK1-4.3   | City   | Bozeman          | Presence-Content Indifferent |
| NK1-4.4   | State or Province                                  | MT               | Presence-Content Indifferent |
| NK1-4.5   | Zip or Postal Code                                 | 59715            | Presence-Content Indifferent |
| NK1-4.6   | Country  | USA              | Presence-Content Indifferent |
| NK1-4.7   | Address Type                                       | P                | Presence-Content Indifferent |
| NK1-5     | Phone Number                                       |                  |                              |
| NK1-5.2   | Telecommunication Use Code                         | PRN              | Presence-Content Indifferent |
| NK1-5.3   | Telecommunication Equipment Type                   | PH               | Value-Test Case Fixed        |
| NK1-5.4   | Email Address                                      |                  | NonPresence                  |

|         |                |         |                                 |
|---------|----------------|---------|---------------------------------|
| NK1-5.6 | Area/City Code | 406     | Presence-Content<br>Indifferent |
| NK1-5.7 | Local Number   | 5554019 | Presence-Content<br>Indifferent |

## ORC

| Location   | Data Element   | Data    | Categorization                  |
|------------|--|---------|---------------------------------|
| ORC-1      | Order Control  | RE      | Value-Profile Fixed             |
| ORC-2      | Placer Order Number                                      |         |                                 |
| ORC-2.1    | Entity Identifier  | 5237    | Presence-Content<br>Indifferent |
| ORC-2.2    | Namespace ID   | weEHR   | 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  | 31309   | Presence-Content<br>Indifferent |
| ORC-3.2    | Namespace ID   | weEHR   | 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   | weEHR   | 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  | 654         | Presence-Content Indifferent |
| ORC-12.2   | Family Name  |             |                              |
| ORC-12.2.1 | Surname  | Thomas      | Presence-Content Indifferent |
| ORC-12.2.2 | Own Surname Prefix                                 |             |                              |
| ORC-12.2.3 | Own Surname  |             |                              |
| ORC-12.2.4 | Surname Prefix From Partner/Spouse                 |             |                              |
| ORC-12.2.5 | Surname From Partner/Spouse                        |             |                              |
| ORC-12.3   | Given Name   | Wilma       | Presence-Content Indifferent |
| ORC-12.4   | Second and Further Given Names or Initials Thereof | Elizabeth   | Presence-Content Indifferent |
| ORC-12.9   | Assigning Authority                                |             |                              |
| ORC-12.9.1 | Namespace ID                                       | wcEHR       | Presence-Content Indifferent |
| ORC-12.9.2 | Universal ID                                       |             |                              |
| ORC-12.9.3 | Universal ID Type                                  |             |                              |
| ORC-12.10  | Name Type Code                                     | L           | Presence-Content Indifferent |
| ORC-12.12  | Check Digit Scheme                                 |             | Indifferent                  |
| ORC-12.13  | Identifier Type Code                               | MD          | Presence-Content Indifferent |
| ORC-17     | Entering Organization                              |             |                              |
| ORC-17.1   | Identifier   | wcEHR       | Presence-Content Indifferent |
| ORC-17.2   | Text   | West Clinic | Presence-Content Indifferent |
| ORC-17.3   | Name of Coding System                              | HL70362     | Value-Profile Fixed          |
| ORC-17.5   | Alternate Text                                     |             | Indifferent                  |
| ORC-17.6   | Name of Alternate Coding System                    |             | Indifferent                  |

## RXA

| Location | Data Element                      | 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                              | 20150624      | Presence-Content Indifferent |
| RXA-5    | Administered Code                 |               |                              |
| RXA-5.1  | Identifier                        | 58160-0830-05 | Value-Test Case Fixed        |

|            |  |            |                              |
|------------|--|------------|------------------------------|
| RXA-5.2    | Text   | CERVARIX   | Presence-Content Indifferent |
| RXA-5.3    | Name of Coding System                              | NDC        | Value-Test Case Fixed        |
| RXA-5.5    | Alternate Text                                     |            | Indifferent                  |
| RXA-5.6    | Name of Alternate Coding System                    |            | Indifferent                  |
| RXA-6      | Administered Amount                                | 0.5        | Value-Test Case Fixed        |
| RXA-7      | Administered Units                                 |            |                              |
| RXA-7.1    | Identifier   | mL         | Value-Test Case Fixed        |
| RXA-7.2    | Text   | mL         | Presence-Content Indifferent |
| RXA-7.3    | Name of Coding System                              | UCUM       | Value-Test Case Fixed        |
| RXA-7.5    | Alternate Text                                     |            | Indifferent                  |
| RXA-7.6    | Name of Alternate Coding System                    |            | Indifferent                  |
| RXA-9      | Administration Notes                               |            |                              |
| RXA-9.1    | Identifier   | 00         | Value-Test Case Fixed        |
| RXA-9.2    | Text   | New Record | Presence-Content Indifferent |
| RXA-9.3    | Name of Coding System                              | NIP001     | Value-Profile Fixed          |
| RXA-9.5    | Alternate Text                                     |            | Indifferent                  |
| RXA-9.6    | Name of Alternate Coding System                    |            | Indifferent                  |
| RXA-10     | Administering Provider                             |            |                              |
| RXA-10.1   | ID Number  | 7824       | Presence-Content Indifferent |
| RXA-10.2   | Family Name  |            |                              |
| RXA-10.2.1 | Surname  | Jackson    | Presence-Content Indifferent |
| RXA-10.2.2 | Own Surname Prefix                                 |            |                              |
| RXA-10.2.3 | Own Surname  |            |                              |
| RXA-10.2.4 | Surname Prefix From Partner/Spouse                 |            |                              |
| RXA-10.2.5 | Surname From Partner/Spouse                        |            |                              |
| RXA-10.3   | Given Name   | Lily       | Presence-Content Indifferent |
| RXA-10.4   | Second and Further Given Names or Initials Thereof | Suzanne    | Presence-Content Indifferent |
| RXA-10.9   | Assigning Authority                                |            |                              |
| RXA-10.9.1 | Namespace ID                                       | wcEHR      | Presence-Content Indifferent |
| RXA-10.9.2 | Universal ID                                       |            |                              |
| RXA-10.9.3 | Universal ID Type                                  |            |                              |
| RXA-10.10  | Name Type Code                                     | L          | Presence-Content Indifferent |
|            |  |            |                              |



|                        |  |                 |  |
|------------------------|--|-----------------|--|
| RXA-10.12<br>RXA-10.13 | Check Digit Scheme<br>Identifier Type Code | PRN             | Indifferent<br>Presence-Content<br>Indifferent |
| RXA-11                 | Administered-at<br>Location                |                 |  |
| RXA-11.4               | Facility                                   |                 |  |
| RXA-11.4.1             | Namespace ID                               | wcEHR           | Presence-Content<br>Indifferent                |
| RXA-11.4.2             | Universal ID                               |                 | Indifferent                                    |
| RXA-11.4.3             | Universal ID Type                          |                 | Indifferent                                    |
| RXA-15                 | Substance Lot Number                       | 795441          | Presence-Content<br>Indifferent                |
| RXA-16                 | Substance Expiration<br>Date               |                 |  |
| RXA-16.1               | Time                                       | 20151223        | Presence-Content<br>Indifferent                |
| RXA-17                 | Substance<br>Manufacturer Name             |                 |  |
| RXA-17.1               | Identifier                                 | SKB             | Presence-Content<br>Indifferent                |
| RXA-17.2               | Text                                       | GlaxoSmithKline | Presence-Content<br>Indifferent                |
| RXA-17.3               | Name of Coding<br>System                   | MVX             | Value-Test Case Fixed                          |
| 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                          | D               | Value-Test Case Fixed                          |

## RXR

| Location | Data Element                       | Data          | Categorization                  |
|----------|------------------------------------|---------------|---------------------------------|
| RXR-1    | Route                              |               |                                 |
| RXR-1.1  | Identifier                         | C28161        | Presence-Content<br>Indifferent |
| RXR-1.2  | Text                               | Intramuscular | Presence-Content<br>Indifferent |
| RXR-1.3  | Name of Coding<br>System           | NCIT          | Value-Profile Fixed             |
| RXR-1.5  | Alternate Text                     |               | Indifferent                     |
| RXR-1.6  | Name of Alternate<br>Coding System |               | Indifferent                     |
| RXR-2    | Administration Site                |               |                                 |

|         |                                 |               |                              |
|---------|---------------------------------|---------------|------------------------------|
| RXR-2.1 | Identifier                      | RD            | Presence-Content Indifferent |
| RXR-2.2 | Text                            | Right Deltoid | Presence-Content Indifferent |
| RXR-2.3 | Name of Coding System           | HL70163       | Value-Profile Fixed          |
| RXR-2.5 | Alternate Text                  |               | Indifferent                  |
| RXR-2.6 | Name of Alternate Coding System |               |                              |

## OBX

| Location | Data Element                    | Data                   | Categorization               |
|----------|---------------------------------|------------------------|------------------------------|
| OBX-1    | Set ID - OBX                    | 1                      | Value-Profile Fixed          |
| OBX-2    | Value Type                      | CE                     | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |                        |                              |
| OBX-3.1  | Identifier                      | 30963-3                | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Vaccine Funding Source | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN                     | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |                        | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |                        | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 1                      | Presence-Content Indifferent |
| OBX-5    | Observation Value               |                        |                              |
| OBX-5.1  | Identifier                      | VXC50                  |                              |
| OBX-5.2  | Text                            | Public                 |                              |
| OBX-5.3  | Name of Coding System           | CDCPHINVS              |                              |
| OBX-5.5  | Alternate Text                  |                        |                              |
| OBX-5.6  | Name of Alternate Coding System |                        |                              |
| OBX-6    | Units                           |                        |                              |
| OBX-6.1  | Identifier                      |                        | Indifferent                  |
| OBX-6.2  | Text                            |                        | Indifferent                  |
| OBX-6.3  | Name of Coding System           |                        | Indifferent                  |
| OBX-6.5  | Alternate Text                  |                        | Indifferent                  |
| OBX-6.6  | Name of Alternate Coding System |                        | Indifferent                  |
| OBX-11   | Observation Result Status       | F                      | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation    |                        |                              |
| OBX-14.1 | Time                            | 20150624               | Presence-System Generated    |
| OBX-17   | Observation Method              |                        |                              |
| OBX-17.1 | Identifier                      |                        | Indifferent                  |
| OBX-17.2 | Text                            |                        | Indifferent                  |

|          |                                 |  |             |
|----------|---------------------------------|--|-------------|
| OBX-17.3 | Name of Coding System           |  | Indifferent |
| OBX-17.5 | Alternate Text                  |  | Indifferent |
| OBX-17.6 | Name of Alternate Coding System |  | Indifferent |

## OBX

| Location | Data Element                    | Data                                | Categorization               |
|----------|---------------------------------|-------------------------------------|------------------------------|
| OBX-1    | Set ID - OBX                    | 2                                   | Value-Profile Fixed          |
| OBX-2    | Value Type                      | CE                                  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |                                     |                              |
| OBX-3.1  | Identifier                      | 64994-7                             | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Vaccine Funding Program Eligibility | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN                                  | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |                                     | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |                                     | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 2                                   | Presence-Content Indifferent |
| OBX-5    | Observation Value               |                                     |                              |
| OBX-5.1  | Identifier                      | V05                                 |                              |
| OBX-5.2  | Text                            | VFC Eligible - Underinsured         |                              |
| OBX-5.3  | Name of Coding System           | HL70064                             |                              |
| OBX-5.5  | Alternate Text                  |                                     |                              |
| OBX-5.6  | Name of Alternate Coding System |                                     |                              |
| OBX-6    | Units                           |                                     |                              |
| OBX-6.1  | Identifier                      |                                     | Indifferent                  |
| OBX-6.2  | Text                            |                                     | Indifferent                  |
| OBX-6.3  | Name of Coding System           |                                     | Indifferent                  |
| OBX-6.5  | Alternate Text                  |                                     | Indifferent                  |
| OBX-6.6  | Name of Alternate Coding System |                                     | Indifferent                  |
| OBX-11   | Observation Result Status       | F                                   | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation    |                                     |                              |
| OBX-14.1 | Time                            | 20150624                            | Presence-System Generated    |
| OBX-17   | Observation Method              |                                     |                              |
| OBX-17.1 | Identifier                      | VXC40                               | Value-Test Case Fixed        |
| OBX-17.2 | Text                            | per immunization                    | Presence-Content Indifferent |
| OBX-17.3 | Name of Coding System           | CDCPHINVS                           | Value-Profile Fixed          |
|          |                                 |                                     |                              |

|          |                                 |  |             |
|----------|---------------------------------|--|-------------|
| OBX-17.5 | Alternate Text                  |  | Indifferent |
| OBX-17.6 | Name of Alternate Coding System |  | Indifferent |

## OBX

| Location | Data Element                    | Data  | Categorization               |
|----------|---------------------------------|---|------------------------------|
| OBX-1    | Set ID - OBX                    | 3   | Value-Profile Fixed          |
| OBX-2    | Value Type                      | CE  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |   |                              |
| OBX-3.1  | Identifier                      | 69764-9                                     | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Document Type                               | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN  | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |   | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |   | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 3   | Presence-Content Indifferent |
| OBX-5    | Observation Value               |   |                              |
| OBX-5.1  | Identifier                      | 2530886983000073111                         | 10503                        |
| OBX-5.2  | Text                            | Human papillomavirus Vaccine (Cervarix) VIS |                              |
| OBX-5.3  | Name of Coding System           | cdcgs1vis                                   |                              |
| OBX-5.5  | Alternate Text                  |   |                              |
| OBX-5.6  | Name of Alternate Coding System |   |                              |
| OBX-6    | Units                           |   |                              |
| OBX-6.1  | Identifier                      |   | Indifferent                  |
| OBX-6.2  | Text                            |   | Indifferent                  |
| OBX-6.3  | Name of Coding System           |   | Indifferent                  |
| OBX-6.5  | Alternate Text                  |   | Indifferent                  |
| OBX-6.6  | Name of Alternate Coding System |   | Indifferent                  |
| OBX-11   | Observation Result Status       | F   | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation    |   |                              |
| OBX-14.1 | Time                            | 20150624                                    | Presence-System Generated    |
| OBX-17   | Observation Method              |   |                              |
| OBX-17.1 | Identifier                      |   | Indifferent                  |
| OBX-17.2 | Text                            |   | Indifferent                  |
| OBX-17.3 | Name of Coding System           |   | Indifferent                  |
| OBX-17.5 | Alternate Text                  |   | Indifferent                  |
| OBX-17.6 | Name of Alternate               |   | Indifferent                  |

**OBX**

| Location | Data Element                    | Data               | Categorization               |
|----------|---------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                    | 4                  | Value-Profile Fixed          |
| OBX-2    | Value Type                      | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |                    |                              |
| OBX-3.1  | Identifier                      | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Date Vis Presented | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN                 | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |                    | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |                    | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 3                  | Presence-Content Indifferent |
| OBX-5    | Observation Value               | 20150624           | Presence-Content Indifferent |
| OBX-6    | Units                           |                    |                              |
| OBX-6.1  | Identifier                      |                    | Indifferent                  |
| OBX-6.2  | Text                            |                    | Indifferent                  |
| OBX-6.3  | Name of Coding System           |                    | Indifferent                  |
| OBX-6.5  | Alternate Text                  |                    | Indifferent                  |
| OBX-6.6  | Name of Alternate Coding System |                    | Indifferent                  |
| OBX-11   | Observation Result Status       | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation    |                    |                              |
| OBX-14.1 | Time                            | 20150624           | Presence-System Generated    |
| OBX-17   | Observation Method              |                    |                              |
| OBX-17.1 | Identifier                      |                    | Indifferent                  |
| OBX-17.2 | Text                            |                    | Indifferent                  |
| OBX-17.3 | Name of Coding System           |                    | Indifferent                  |
| OBX-17.5 | Alternate Text                  |                    | Indifferent                  |
| OBX-17.6 | Name of Alternate Coding System |                    | Indifferent                  |

| Location | Data Element        | 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 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 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 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 Indifferent |
| MSH-6.2    | Universal ID                     |                         | Indifferent                  |
| MSH-6.3    | Universal ID Type                |                         | Indifferent                  |
| MSH-7      | Date/Time Of Message             |                         |                              |
| MSH-7.1    | Time                             | 20150624093847.804-0500 | Presence-System 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               | 71892                   | Presence-System Generated    |
| MSH-11     | Processing ID                    |                         |                              |
| MSH-11.1   | Processing ID                    | P                       | Presence-Content 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 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                  |
|            | Receiving Responsible            |                         |                              |

|            |                         |     |                              |
|------------|-------------------------|-----|------------------------------|
| MSH-23     | Organization            |     |                              |
| MSH-23.1   | Organization Name       | IIS | Presence-Content 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  | Data Element                                       | Data      | Categorization                      |
|-----------|--|-----------|-------------------------------------|
| PID-1     | Set ID - PID                                       | 1         | Value-Profile Fixed                 |
| PID-3     | Patient Identifier List                            |           |                                     |
| PID-3.1   | ID Number  | 89778     | Presence-Content Indifferent        |
| PID-3.3   | Check Digit Scheme                                 |           | Indifferent                         |
| PID-3.4   | Assigning Authority                                |           |                                     |
| PID-3.4.1 | Namespace ID                                       | wcEHR     | Presence-Content 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 Indifferent        |
| PID-5     | Patient Name                                       |           |                                     |
| PID-5.1   | Family Name  |           |                                     |
| PID-5.1.1 | Surname  | Benton    | Presence-Content 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 Partner/Spouse                        |           |                                     |
| PID-5.2   | Given Name   | Katherine | Presence Length-Content Indifferent |
| PID-5.3   | Second and Further Given Names or Initials Thereof | Mackenzie | Presence Length-Content Indifferent |
| PID-5.7   | Name Type Code                                     | L         | Presence-Content Indifferent        |
| PID-6     | Mother's Maiden Name                               |           |                                     |
| PID-6.1   | Family Name  |           |                                     |
| PID-6.1.1 | Surname  | Jones     | Presence-Content 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 Partner/Spouse                        |           |                                     |
| PID-6.7   | Name Type Code                                     | M         | Value-Profile Fixed                 |

|            |                                  |                        |                                 |
|------------|----------------------------------|------------------------|---------------------------------|
| PID-7      | Date/Time of Birth               |                        |                                 |
| PID-7.1    | Time                             | 20031221               | 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 System            | CDCREC                 | Value-Profile Fixed             |
| PID-10.5   | Alternate Text                   |                        | Indifferent                     |
| PID-10.6   | Name of Alternate Coding System  |                        | Indifferent                     |
| PID-11     | Patient Address                  |                        |                                 |
| PID-11.1   | Street Address                   |                        |                                 |
| PID-11.1.1 | Street or Mailing Address        | 89 West 21st Ave       | 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                | 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     | Phone Number - Home              |                        |                                 |
| PID-13.2   | Telecommunication Use Code       | PRN                    | Presence-Content<br>Indifferent |
| PID-13.3   | Telecommunication Equipment Type | PH                     | Value-Test Case Fixed           |
| PID-13.4   | Email Address                    |                        | NonPresence                     |
| PID-13.6   | Area/City Code                   | 406                    | Presence-Content<br>Indifferent |
| PID-13.7   | Local Number                     | 5554019                | Presence-Content<br>Indifferent |
| 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 System            | CDCREC                 | Value-Profile Fixed             |
| PID-22.5   | Alternate Text                   |                        | Indifferent                     |
| PID-22.6   | Name of Alternate Coding System  |                        | Indifferent                     |
| PID-24     | Multiple Birth Indicator         | N                      | Presence-Content                |



|          |                             |   |                                 |
|----------|-----------------------------|---|---------------------------------|
|          |                             |   | 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 | Data Element                                | Data               | Categorization                  |
|----------|---|--------------------|---------------------------------|
| PD1-11   | Publicity Code                              |                    |                                 |
| PD1-11.1 | Identifier                                  | 01                 | Presence-Content<br>Indifferent |
| PD1-11.2 | Text  | No reminder/recall | Presence-Content<br>Indifferent |
| PD1-11.3 | Name of Coding System                       | HL70215            | Value-Profile Fixed             |
| PD1-11.5 | Alternate Text                              |                    | Indifferent                     |
| PD1-11.6 | Name of Alternate Coding System             |                    | Indifferent                     |
| PD1-12   | Protection Indicator                        | Y                  | Value-Test Case Fixed           |
| PD1-13   | Protection Indicator Effective Date         | 20150624           | Presence-Content<br>Indifferent |
| PD1-16   | Immunization Registry Status                | A                  | Presence-Content<br>Indifferent |
| PD1-17   | Immunization Registry Status Effective Date | 20031221           | Presence-Content<br>Indifferent |
| PD1-18   | Publicity Code Effective Date               | 20150624           | Presence-Content<br>Indifferent |

| Location  | Data Element                                       | Data     | Categorization                  |
|-----------|--|----------|---------------------------------|
| NK1-1     | Set ID - NK1                                       | 1        | Value-Profile Fixed             |
| NK1-2     | Name   |          |                                 |
| NK1-2.1   | Family Name  |          |                                 |
| NK1-2.1.1 | Surname  | Benton   | Presence-Content<br>Indifferent |
| NK1-2.1.2 | Own Surname Prefix                                 |          |                                 |
| NK1-2.1.3 | Own Surname  |          |                                 |
| NK1-2.1.4 | Surname Prefix From Partner/Spouse                 |          |                                 |
| NK1-2.1.5 | Surname From Partner/Spouse                        |          |                                 |
| NK1-2.2   | Given Name   | Kari     | Presence-Content<br>Indifferent |
| NK1-2.3   | Second and Further Given Names or Initials Thereof | Michelle | Presence-Content<br>Indifferent |
| NK1-2.7   | Name Type Code                                     | L        | Presence-Content<br>Indifferent |
| NK1-3     | Relationship                                       |          |                                 |
| NK1-3.1   | Identifier   | MTH      | Presence-Content<br>Indifferent |

|           |                                  |                  |                              |
|-----------|----------------------------------|------------------|------------------------------|
| NK1-3.2   | Text                             | Mother           | Presence-Content Indifferent |
| NK1-3.3   | Name of Coding System            | HL70063          | Value-Profile Fixed          |
| NK1-3.5   | Alternate Text                   |                  | Indifferent                  |
| NK1-3.6   | Name of Alternate Coding System  |                  | Indifferent                  |
| NK1-4     | Address                          |                  |                              |
| NK1-4.1   | Street Address                   |                  |                              |
| NK1-4.1.1 | Street or Mailing Address        | 89 West 21st Ave | Presence-Content Indifferent |
| NK1-4.1.2 | Street Name                      |                  |                              |
| NK1-4.1.3 | Dwelling Number                  |                  |                              |
| NK1-4.2   | Other Designation                |                  | Indifferent                  |
| NK1-4.3   | City                             | Bozeman          | Presence-Content Indifferent |
| NK1-4.4   | State or Province                | MT               | Presence-Content Indifferent |
| NK1-4.5   | Zip or Postal Code               | 59715            | Presence-Content Indifferent |
| NK1-4.6   | Country                          | USA              | Presence-Content Indifferent |
| NK1-4.7   | Address Type                     | P                | Presence-Content Indifferent |
| NK1-5     | Phone Number                     |                  |                              |
| NK1-5.2   | Telecommunication Use Code       | PRN              | Presence-Content Indifferent |
| NK1-5.3   | Telecommunication Equipment Type | PH               | Value-Test Case Fixed        |
| NK1-5.4   | Email Address                    |                  | NonPresence                  |
| NK1-5.6   | Area/City Code                   | 406              | Presence-Content Indifferent |
| NK1-5.7   | Local Number                     | 5554019          | Presence-Content Indifferent |

| Location | Data Element        | Data  | Categorization               |
|----------|---------------------|-------|------------------------------|
| ORC-1    | Order Control       | RE    | Value-Profile Fixed          |
| ORC-2    | Placer Order Number |       |                              |
| ORC-2.1  | Entity Identifier   | 5237  | Presence-Content Indifferent |
| ORC-2.2  | Namespace ID        | wcEHR | Presence-Content Indifferent |
| ORC-2.3  | Universal ID        |       | Indifferent                  |
| ORC-2.4  | Universal ID Type   |       | Indifferent                  |
| ORC-3    | Filler Order Number |       |                              |
| ORC-3.1  | Entity Identifier   | 31309 | Presence-Content Indifferent |
| ORC-3.2  | Namespace ID        | wcEHR | Presence-Content 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 Indifferent |
| ORC-10.2   | Family Name  |           |                              |
| ORC-10.2.1 | Surname  | Jackson   | Presence-Content 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 Partner/Spouse                        |           |                              |
| ORC-10.3   | Given Name   | Lily      | Presence-Content Indifferent |
| ORC-10.4   | Second and Further Given Names or Initials Thereof | Suzanne   | Presence-Content 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 Indifferent |
| ORC-10.12  | Check Digit Scheme                                 |           | Indifferent                  |
| ORC-10.13  | Identifier Type Code                               | PRN       | Presence-Content Indifferent |
| ORC-12     | Ordering Provider                                  |           |                              |
| ORC-12.1   | ID Number  | 654       | Presence-Content Indifferent |
| ORC-12.2   | Family Name  |           |                              |
| ORC-12.2.1 | Surname  | Thomas    | Presence-Content Indifferent |
| ORC-12.2.2 | Own Surname Prefix                                 |           |                              |
| ORC-12.2.3 | Own Surname  |           |                              |
| ORC-12.2.4 | Surname Prefix From Partner/Spouse                 |           |                              |
| ORC-12.2.5 | Surname From Partner/Spouse                        |           |                              |
| ORC-12.3   | Given Name   | Wilma     | Presence-Content Indifferent |
| ORC-12.4   | Second and Further Given Names or Initials Thereof | Elizabeth | Presence-Content Indifferent |
| ORC-12.9   | Assigning Authority                                |           |                              |
| ORC-12.9.1 | Namespace ID                                       | wcEHR     | Presence-Content Indifferent |
| ORC-12.9.2 | Universal ID                                       |           |                              |
| ORC-12.9.3 | Universal ID Type                                  |           |                              |
| ORC-12.10  | Name Type Code                                     | L         | Presence-Content Indifferent |
| ORC-12.12  | Check Digit Scheme                                 |           | Indifferent                  |
| ORC-12.13  | Identifier Type Code                               | MD        | Presence-Content             |

|          |                                 |             |                                 |
|----------|---------------------------------|-------------|---------------------------------|
| ORC-17   | Entering Organization           |             | Indifferent                     |
| ORC-17.1 | Identifier                      | weEHR       | Presence-Content<br>Indifferent |
| ORC-17.2 | Text                            | West Clinic | Presence-Content<br>Indifferent |
| ORC-17.3 | Name of Coding System           | HL70362     | Value-Profile Fixed             |
| ORC-17.5 | Alternate Text                  |             | Indifferent                     |
| ORC-17.6 | Name of Alternate Coding System |             | Indifferent                     |

| Location | Data Element                      | 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                              | 20150624      | Presence-Content<br>Indifferent |
| RXA-5    | Administered Code                 |               |                                 |
| RXA-5.1  | Identifier                        | 58160-0830-05 | Value-Test Case Fixed           |
| RXA-5.2  | Text                              | CERVARIX      | Presence-Content<br>Indifferent |
| RXA-5.3  | Name of Coding System             | NDC           | Value-Test Case Fixed           |
| RXA-5.5  | Alternate Text                    |               | Indifferent                     |
| RXA-5.6  | Name of Alternate Coding System   |               | Indifferent                     |
| RXA-6    | Administered Amount               | 0.5           | Value-Test Case Fixed           |
| RXA-7    | Administered Units                |               |                                 |
| RXA-7.1  | Identifier                        | mL            | Value-Test Case Fixed           |
| RXA-7.2  | Text                              | mL            | Presence-Content<br>Indifferent |
| RXA-7.3  | Name of Coding System             | UCUM          | Value-Test Case Fixed           |
| RXA-7.5  | Alternate Text                    |               | Indifferent                     |
| RXA-7.6  | Name of Alternate Coding System   |               | Indifferent                     |
| RXA-9    | Administration Notes              |               |                                 |
| RXA-9.1  | Identifier                        | 00            | Value-Test Case Fixed           |
| RXA-9.2  | Text                              | New Record    | Presence-Content<br>Indifferent |
| RXA-9.3  | Name of Coding System             | NIP001        | Value-Profile Fixed             |
| RXA-9.5  | Alternate Text                    |               | Indifferent                     |
| RXA-9.6  | Name of Alternate Coding System   |               | Indifferent                     |
| RXA-10   | Administering Provider            |               |                                 |
| RXA-10.1 | ID Number                         | 7824          | Presence-Content<br>Indifferent |
| RXA-10.2 | Family Name                       |               |                                 |

|            |  |                 |                                 |
|------------|--|-----------------|---------------------------------|
| RXA-10.2.1 | Surname  | Jackson         | Presence-Content<br>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   | Lily            | Presence-Content<br>Indifferent |
| RXA-10.4   | Second and Further<br>Given Names or Initials<br>Thereof | Suzanne         | Presence-Content<br>Indifferent |
| RXA-10.9   | Assigning Authority                                      |                 |                                 |
| RXA-10.9.1 | Namespace ID   | wcEHR           | Presence-Content<br>Indifferent |
| RXA-10.9.2 | Universal ID   |                 |                                 |
| RXA-10.9.3 | Universal ID Type  |                 |                                 |
| RXA-10.10  | Name Type Code   | L               | Presence-Content<br>Indifferent |
| RXA-10.12  | Check Digit Scheme                                       |                 | Indifferent                     |
| RXA-10.13  | Identifier Type Code                                     | PRN             | Presence-Content<br>Indifferent |
| RXA-11     | Administered-at Location                                 |                 |                                 |
| RXA-11.4   | Facility   |                 |                                 |
| RXA-11.4.1 | Namespace ID   | wcEHR           | Presence-Content<br>Indifferent |
| RXA-11.4.2 | Universal ID   |                 | Indifferent                     |
| RXA-11.4.3 | Universal ID Type  |                 | Indifferent                     |
| RXA-15     | Substance Lot Number                                     | 795441          | Presence-Content<br>Indifferent |
| RXA-16     | Substance Expiration<br>Date                             |                 |                                 |
| RXA-16.1   | Time   | 20151223        | Presence-Content<br>Indifferent |
| RXA-17     | Substance Manufacturer<br>Name                           |                 |                                 |
| RXA-17.1   | Identifier   | SKB             | Presence-Content<br>Indifferent |
| RXA-17.2   | Text   | GlaxoSmithKline | Presence-Content<br>Indifferent |
| RXA-17.3   | Name of Coding<br>System                                 | MVX             | Value-Test Case Fixed           |
| 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 Coding System |    | Indifferent           |
| RXA-20   | Completion Status               | CP | Value-Test Case Fixed |
| RXA-21   | Action Code - RXA               | D  | Value-Test Case Fixed |

| Location | Data Element                    | Data          | Categorization               |
|----------|---------------------------------|---------------|------------------------------|
| RXR-1    | Route                           |               |                              |
| RXR-1.1  | Identifier                      | C28161        | Presence-Content Indifferent |
| RXR-1.2  | Text                            | Intramuscular | Presence-Content Indifferent |
| RXR-1.3  | Name of Coding System           | NCIT          | Value-Profile Fixed          |
| RXR-1.5  | Alternate Text                  |               | Indifferent                  |
| RXR-1.6  | Name of Alternate Coding System |               | Indifferent                  |
| RXR-2    | Administration Site             |               |                              |
| RXR-2.1  | Identifier                      | RD            | Presence-Content Indifferent |
| RXR-2.2  | Text                            | Right Deltoid | Presence-Content Indifferent |
| RXR-2.3  | Name of Coding System           | HL70163       | Value-Profile Fixed          |
| RXR-2.5  | Alternate Text                  |               | Indifferent                  |
| RXR-2.6  | Name of Alternate Coding System |               |                              |

#### OBX - 1

| Location | Data Element                    | Data                   | Categorization               |
|----------|---------------------------------|------------------------|------------------------------|
| OBX-1    | Set ID - OBX                    | 1                      | Value-Profile Fixed          |
| OBX-2    | Value Type                      | CE                     | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |                        |                              |
| OBX-3.1  | Identifier                      | 30963-3                | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Vaccine Funding Source | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN                     | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |                        | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |                        | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 1                      | Presence-Content Indifferent |
| OBX-5    | Observation Value               |                        |                              |
| OBX-5.1  | Identifier                      | VXC50                  |                              |
| OBX-5.2  | Text                            | Public                 |                              |
| OBX-5.3  | Name of Coding System           | CDCPHINVS              |                              |
| OBX-5.5  | Alternate Text                  |                        |                              |
| OBX-5.6  | Name of Alternate Coding System |                        |                              |

|          |                                 |          |                           |
|----------|---------------------------------|----------|---------------------------|
| OBX-6    | Units                           |          |                           |
| OBX-6.1  | Identifier                      |          | Indifferent               |
| OBX-6.2  | Text                            |          | Indifferent               |
| OBX-6.3  | Name of Coding System           |          | Indifferent               |
| OBX-6.5  | Alternate Text                  |          | Indifferent               |
| OBX-6.6  | Name of Alternate Coding System |          | Indifferent               |
| OBX-11   | Observation Result Status       | F        | Value-Profile Fixed       |
| OBX-14   | Date/Time of the Observation    |          |                           |
| OBX-14.1 | Time                            | 20150624 | Presence-System Generated |
| OBX-17   | Observation Method              |          |                           |
| OBX-17.1 | Identifier                      |          | Indifferent               |
| OBX-17.2 | Text                            |          | Indifferent               |
| OBX-17.3 | Name of Coding System           |          | Indifferent               |
| OBX-17.5 | Alternate Text                  |          | Indifferent               |
| OBX-17.6 | Name of Alternate Coding System |          | Indifferent               |

## OBX - 2

| Location | Data Element                    | Data                                | Categorization               |
|----------|---------------------------------|-------------------------------------|------------------------------|
| OBX-1    | Set ID - OBX                    | 2                                   | Value-Profile Fixed          |
| OBX-2    | Value Type                      | CE                                  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |                                     |                              |
| OBX-3.1  | Identifier                      | 64994-7                             | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Vaccine Funding Program Eligibility | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN                                  | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |                                     | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |                                     | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 2                                   | Presence-Content Indifferent |
| OBX-5    | Observation Value               |                                     |                              |
| OBX-5.1  | Identifier                      | V05                                 |                              |
| OBX-5.2  | Text                            | VFC Eligible - Underinsured         |                              |
| OBX-5.3  | Name of Coding System           | HL70064                             |                              |
| OBX-5.5  | Alternate Text                  |                                     |                              |
| OBX-5.6  | Name of Alternate Coding System |                                     |                              |
| OBX-6    | Units                           |                                     |                              |
| OBX-6.1  | Identifier                      |                                     | Indifferent                  |
| OBX-6.2  | Text                            |                                     | Indifferent                  |
|          | Name of Coding                  |                                     |                              |

|          |                                 |                  |                              |
|----------|---------------------------------|------------------|------------------------------|
| OBX-6.3  | System                          |                  | Indifferent                  |
| OBX-6.5  | Alternate Text                  |                  | Indifferent                  |
| OBX-6.6  | Name of Alternate Coding System |                  | Indifferent                  |
| OBX-11   | Observation Result Status       | F                | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation    |                  |                              |
| OBX-14.1 | Time                            | 20150624         | Presence-System Generated    |
| OBX-17   | Observation Method              |                  |                              |
| OBX-17.1 | Identifier                      | VXC40            | Value-Test Case Fixed        |
| OBX-17.2 | Text                            | per immunization | Presence-Content Indifferent |
| OBX-17.3 | Name of Coding System           | CDCPHINVS        | Value-Profile Fixed          |
| OBX-17.5 | Alternate Text                  |                  | Indifferent                  |
| OBX-17.6 | Name of Alternate Coding System |                  | Indifferent                  |

### OBX - 3

| Location | Data Element                    | Data  | Categorization               |
|----------|---------------------------------|---|------------------------------|
| OBX-1    | Set ID - OBX                    | 3   | Value-Profile Fixed          |
| OBX-2    | Value Type                      | CE  | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |   |                              |
| OBX-3.1  | Identifier                      | 69764-9                                     | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Document Type                               | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN  | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |   | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |   | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 3   | Presence-Content Indifferent |
| OBX-5    | Observation Value               |   |                              |
| OBX-5.1  | Identifier                      | 253088698300007311110503                    |                              |
| OBX-5.2  | Text                            | Human papillomavirus Vaccine (Cervarix) VIS |                              |
| OBX-5.3  | Name of Coding System           | cdcgs1vis                                   |                              |
| OBX-5.5  | Alternate Text                  |   |                              |
| OBX-5.6  | Name of Alternate Coding System |   |                              |
| OBX-6    | Units                           |   |                              |
| OBX-6.1  | Identifier                      |   | Indifferent                  |
| OBX-6.2  | Text                            |   | Indifferent                  |
| OBX-6.3  | Name of Coding System           |   | Indifferent                  |
| OBX-6.5  | Alternate Text                  |   | Indifferent                  |
| OBX-6.6  | Name of Alternate               |   | Indifferent                  |



|          |                                 |          |                           |
|----------|---------------------------------|----------|---------------------------|
|          | Coding System                   |          |                           |
| OBX-11   | Observation Result Status       | F        | Value-Profile Fixed       |
| OBX-14   | Date/Time of the Observation    |          |                           |
| OBX-14.1 | Time                            | 20150624 | Presence-System Generated |
| OBX-17   | Observation Method              |          |                           |
| OBX-17.1 | Identifier                      |          | Indifferent               |
| OBX-17.2 | Text                            |          | Indifferent               |
| OBX-17.3 | Name of Coding System           |          | Indifferent               |
| OBX-17.5 | Alternate Text                  |          | Indifferent               |
| OBX-17.6 | Name of Alternate Coding System |          | Indifferent               |

#### OBX - 4

| Location | Data Element                    | Data               | Categorization               |
|----------|---------------------------------|--------------------|------------------------------|
| OBX-1    | Set ID - OBX                    | 4                  | Value-Profile Fixed          |
| OBX-2    | Value Type                      | DT                 | Value-Test Case Fixed        |
| OBX-3    | Observation Identifier          |                    |                              |
| OBX-3.1  | Identifier                      | 29769-7            | Value-Test Case Fixed        |
| OBX-3.2  | Text                            | Date Vis Presented | Presence-Content Indifferent |
| OBX-3.3  | Name of Coding System           | LN                 | Value-Profile Fixed          |
| OBX-3.5  | Alternate Text                  |                    | Indifferent                  |
| OBX-3.6  | Name of Alternate Coding System |                    | Indifferent                  |
| OBX-4    | Observation Sub-ID              | 3                  | Presence-Content Indifferent |
| OBX-5    | Observation Value               | 20150624           | Presence-Content Indifferent |
| OBX-6    | Units                           |                    |                              |
| OBX-6.1  | Identifier                      |                    | Indifferent                  |
| OBX-6.2  | Text                            |                    | Indifferent                  |
| OBX-6.3  | Name of Coding System           |                    | Indifferent                  |
| OBX-6.5  | Alternate Text                  |                    | Indifferent                  |
| OBX-6.6  | Name of Alternate Coding System |                    | Indifferent                  |
| OBX-11   | Observation Result Status       | F                  | Value-Profile Fixed          |
| OBX-14   | Date/Time of the Observation    |                    |                              |
| OBX-14.1 | Time                            | 20150624           | Presence-System Generated    |
| OBX-17   | Observation Method              |                    |                              |
| OBX-17.1 | Identifier                      |                    | Indifferent                  |
| OBX-17.2 | Text                            |                    | Indifferent                  |
| OBX-17.3 | Name of Coding                  |                    | Indifferent                  |

|          |                                 |  |             |
|----------|---------------------------------|--|-------------|
|          | System                          |  |             |
| OBX-17.5 | Alternate Text                  |  | Indifferent |
| OBX-17.6 | Name of Alternate Coding System |  | Indifferent |