

Description

Mrs. Delores Lopez is a 30 year old Hispanic female who presents to Dr. Radon's clinic for a routine gynecological examination. A pap smear sample is collected after confirming with Ms. Lopez that her last menstrual period was two weeks ago. A pap smear is ordered from Century Hospital's clinical lab through the Clinic's EHR and the specimen is sent to the lab for testing along with the response to the ask on order (AOE) question "Date of last menstrual period". Century Hospital's clinical lab forwarded this order to Pacific Anatomic Pathology Services which performed the test. The final results were sent from Century Hospital's clinical lab's LIS to the Provider's EHR.

Comments

This test case is evaluating the handling of an Anatomic Pathology report, including sending a pdf, and Ask at Order Questions responses.

PreCondition

No Pre-condition.

PostCondition

No Post Condition.

TestObjectives

- Determine if the system can correctly create a valid typically populated message for anatomic pathology report for a PAP smear.
- Demonstrate ability to support Ask at Order Entry Questions.
- Demonstrate the ability to create an embedded (ED) data datatype - in this case a pdf.

Notes to Testers

Note that data elements SPM-21 and SPM-24 is provided in the test data. These elements are optional for the sender and required-but maybe empty for the receiver. These elements are not subject to conformance testing for this test case (sender). The provided example message does not contain the full base64 encoded content of the expected pdf document for readability reasons, but the tool will properly validate the full version in both context-based and context-free validation.

Test Case Information

LRI_6.0_1.1-GU - Pap smear results for round trip testing of AOE

Test Case ID

LRI_6.0_1.1-GU

MSH

| Location | Data Element | Data | Categorization |
|------------------|--|-----------------------------|-------------------|
| MSH.1 | Field Separator | | IG Fixed Data |
| MSH.2 | Encoding Characters | ~\& | IG Fixed Data |
| MSH.3 | Sending Application | | |
| MSH.3.2 | Universal ID | 2.16.840.1.113883.3.72.5.20 | Configurable Data |
| MSH.3.3 | Universal ID Type | ISO | IG Fixed Data |
| MSH.4 | Sending Facility | | |
| MSH.4.2 | Universal ID | 2.16.840.1.113883.3.72.5.21 | Configurable Data |
| MSH.4.3 | Universal ID Type | ISO | IG Fixed Data |
| MSH.6 | Receiving Facility | | |
| MSH.6.2 | Universal ID | 2.16.840.1.113883.3.72.5.23 | Configurable Data |
| MSH.6.3 | Universal ID Type | ISO | IG Fixed Data |
| MSH.7 | Date/Time Of Message | | |
| MSH.7.1 | Time | 20150926140551 | System Generated |
| MSH.9 | Message Type | | |
| MSH.9.1 | Message Code | ORU | IG Fixed Data |
| MSH.9.2 | Event Type | R01 | IG Fixed Data |
| MSH.9.3 | Message Structure | ORU_R01 | IG Fixed Data |
| MSH.10 | Message Control ID | LRI_6.0_1.1-GU | System Generated |
| MSH.11 | Processing ID | | |
| MSH.11.1 | Processing ID | D | Changeable Data |
| MSH.12 | VersionID | | |
| MSH.12.1 | Version ID | 2.5.1 | IG Fixed Data |
| MSH.15 | Accept Acknowledgment Type | AL | IG Fixed Data |
| MSH.16 | Application Acknowledgment Type | AL | IG Fixed Data |
| MSH.21 | Message Profile Identifier | | |
| MSH.21.1 | Entity Identifier | LRI_Common_Component | IG Fixed Data |
| MSH.21.3 | Universal ID | 2.16.840.1.113883.9.16 | IG Fixed Data |
| MSH.21.4 | Universal ID Type | ISO | IG Fixed Data |
| MSH.21[2] | Message Profile Identifier | | |
| MSH.21[2].1 | Entity Identifier | LRI_GU_Component | IG Fixed Data |
| MSH.21[2].3 | Universal ID | 2.16.840.1.113883.9.12 | IG Fixed Data |
| MSH.21[2].4 | Universal ID Type | ISO | IG Fixed Data |
| MSH.21[3] | Message Profile Identifier | | |
| MSH.21[3].1 | Entity Identifier | LRI_FRU_Component | IG Fixed Data |
| MSH.21[3].3 | Universal ID | 2.16.840.1.113883.9.83 | IG Fixed Data |
| MSH.21[3].4 | Universal ID Type | ISO | IG Fixed Data |

PID

| Location | Data Element | Data | Categorization |
|--------------|--------------------------------|-------------------------------|-------------------|
| PID.1 | Set ID - PID | 1 | IG Fixed Data |
| PID.3 | Patient Identifier List | | |
| PID.3.1 | ID Number | PATID40 | Configurable Data |
| PID.3.4 | Assigning Authority | | |
| PID.3.4.1 | Namespace ID | NIST MPI | Configurable Data |
| PID.3.4.2 | Universal ID | 2.16.840.1.113883.3.72.5.30.2 | Configurable Data |
| PID.3.4.3 | Universal ID Type | ISO | IG Fixed Data |
| PID.3.5 | Identifier Type Code | MR | Changeable Data |
| PID.5 | Patient Name | | |
| PID.5.1 | Family Name | | |

| PID.5.4.1 | Surname | Lopez | Changeable Data |
|------------------|-------------------------------|-------------------------------|------------------------|
| Location | Data Element | Data | Categorization |
| PID.5.2 | Given Name | Delores | |
| PID.5.7 | Name Type Code | L | Changeable Data |
| PID.7 | Date/Time of Birth | | |
| PID.7.1 | Time | 19880906 | Changeable Data |
| PID.8 | Administrative Sex | F | Changeable Data |
| PID.10 | Race | | |
| PID.10.1 | Identifier | 2106-3 | Changeable Data |
| PID.10.2 | Text | White | Changeable Data |
| PID.10.3 | Name of the Coding System | HL70005 | IG Fixed Data |
| PID.18 | Patient Account Number | | |
| PID.18.1 | ID Number | PATID40 | Configurable Data |
| PID.18.4 | Assigning Authority | | |
| PID.18.4.1 | Namespace ID | NIST MPI | Configurable Data |
| PID.18.4.2 | Universal ID | 2.16.840.1.113883.3.72.5.30.2 | Configurable Data |
| PID.18.4.3 | Universal ID Type | ISO | IG Fixed Data |
| PID.18.5 | Identifier Type Code | AN | Changeable Data |

ORC

| Location | Data Element | Data | Categorization |
|-----------------|--|-----------------------------|-----------------------|
| ORC.1 | Order Control | RE | Test Case Fixed Data |
| ORC.2 | Placer Order Number | | |
| ORC.2.1 | Entity Identifier | ORD40 | Changeable Data |
| ORC.2.2 | Namespace ID | NIST EHR | Changeable Data |
| ORC.2.3 | Universal ID | 2.16.840.1.113883.3.72.5.24 | Changeable Data |
| ORC.2.4 | Universal ID Type | ISO | IG Fixed Data |
| ORC.3 | Filler Order Number | | |
| ORC.3.1 | Entity Identifier | R-400 | Changeable Data |
| ORC.3.2 | Namespace ID | NIST Lab Filler | Changeable Data |
| ORC.3.3 | Universal ID | 2.16.840.1.113883.3.72.5.20 | Configurable Data |
| ORC.3.4 | Universal ID Type | ISO | IG Fixed Data |
| ORC.12 | Ordering Provider | | |
| ORC.12.1 | ID Number | 2345654323 | |
| ORC.12.2 | Family Name | | |
| ORC.12.2.1 | Surname | Matalon | Changeable Data |
| ORC.12.3 | Given Name | Mary | Changeable Data |
| ORC.12.4 | Second and Further Given Names or Initials Thereof | Katherine | Changeable Data |
| ORC.12.6 | Prefix (e.g., DR) | DR | Changeable Data |
| ORC.12.9 | Assigning Authority | | |
| ORC.12.9.1 | Namespace ID | NPI | Changeable Data |
| ORC.12.9.2 | Universal ID | 2.16.840.1.113883.4.6 | Changeable Data |
| ORC.12.9.3 | Universal ID Type | ISO | IG Fixed Data |
| ORC.12.10 | Name Type Code | L | Changeable Data |
| ORC.12.13 | Identifier Type Code | NPI | Changeable Data |

OBR

| Location | Data Element | Data | Categorization |
|-----------------|----------------------------|-----------------------------|-----------------------|
| OBR.1 | Set ID - OBR | 1 | IG Fixed Data |
| OBR.2 | Placer Order Number | | |
| OBR.2.1 | Entity Identifier | ORD40 | Changeable Data |
| OBR.2.2 | Namespace ID | NIST EHR | Changeable Data |
| OBR.2.3 | Universal ID | 2.16.840.1.113883.3.72.5.24 | Changeable Data |
| OBR.2.4 | Universal ID Type | ISO | IG Fixed Data |
| OBR.3 | Filler Order Number | | |
| OBR.3.1 | Entity Identifier | R-400 | Changeable Data |
| OBR.3.2 | Namespace ID | NIST Lab Filler | Changeable Data |

| OBR.3.3 | Universal ID | 2.16.840.1.113883.3.72.5.20 | Configurable Data |
|-----------------|--|---|--------------------------|
| Location | Data Element | Data | Categorization |
| OBR.3.4 | Universal ID Type | ISO | IG Fixed Data |
| OBR.4 | Universal Service Identifier | | |
| OBR.4.1 | Identifier | 47527-7 | Test Case Fixed Data |
| OBR.4.2 | Text | Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep | Changeable Data |
| OBR.4.3 | Name of Coding System | LN | Test Case Fixed Data |
| OBR.4.4 | Alternate Identifier | 610 | Changeable Data |
| OBR.4.5 | Alternate Text | Pap Test | Changeable Data |
| OBR.4.6 | Name of Alternate Coding System | 99USL | Changeable Data |
| OBR.4.7 | Coding System Version | 2.52 | Changeable Data |
| OBR.7 | Observation Date/Time | | |
| OBR.7.1 | Time | 20130211 | Changeable Data |
| OBR.16 | Ordering Provider | | |
| OBR.16.1 | ID Number | 2345654323 | Changeable Data |
| OBR.16.2 | Family Name | | |
| OBR.16.2.1 | Surname | Matalon | Changeable Data |
| OBR.16.3 | Given Name | Mary | Changeable Data |
| OBR.16.4 | Second and Further Given Names or Initials Thereof | Katherine | Changeable Data |
| OBR.16.6 | Prefix (e.g., DR) | DR | Changeable Data |
| OBR.16.9 | Assigning Authority | | |
| OBR.16.9.1 | Namespace ID | NPI | Changeable Data |
| OBR.16.9.2 | Universal ID | 2.16.840.1.113883.4.6 | Changeable Data |
| OBR.16.9.3 | Universal ID Type | ISO | IG Fixed Data |
| OBR.16.10 | Name Type Code | L | Changeable Data |
| OBR.16.13 | Identifier Type Code | NPI | Changeable Data |
| OBR.22 | Results Rpt/Status Chng - Date/Time | | |
| OBR.22.1 | Time | 20130214140000 | Changeable Data |
| OBR.25 | Result Status | F | Test Case Fixed Data |

OBX

| Location | Data Element | Data | Categorization |
|-----------------|----------------------------------|---|-----------------------|
| OBX.1 | Set ID - OBX | 1 | IG Fixed Data |
| OBX.2 | Value Type | CWE | Test Case Fixed Data |
| OBX.3 | Observation Identifier | | |
| OBX.3.1 | Identifier | 47527-7 | Test Case Fixed Data |
| OBX.3.2 | Text | Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep | Changeable Data |
| OBX.3.3 | Name of the Coding System | LN | Test Case Fixed Data |
| OBX.3.4 | Alternate Identifier | 610 | Changeable Data |
| OBX.3.5 | Alternate Text | Pap Test | Changeable Data |
| OBX.3.6 | Name of Alternate Coding System | 99USL | Changeable Data |
| OBX.3.7 | Coding System Version | 2.52 | Changeable Data |
| OBX.3.9 | Original Text | Pap Smear | Test Case Fixed Data |
| OBX.4 | Observation Sub-ID | | |
| OBX.4.2 | Group | 1 | Test Case Fixed Data |
| OBX.4.3 | Sequence | 1 | Test Case Fixed Data |
| OBX.5 | Observation Value | | |
| OBX.5.1 | Identifier | 441087007 | Test Case Fixed Data |
| OBX.5.2 | Text | Atypical squamous cells of undetermined significance on cervical Papanicolaou smear | Changeable Data |
| OBX.5.3 | Name of the Coding System | SCT | Test Case Fixed Data |
| OBX.5.7 | Coding System Version | 201509USED | Changeable Data |
| OBX.5.9 | Original Text | Atypical squamous cells of undetermined significance | Changeable Data |
| OBX.11 | Observation Result Status | F | Test Case Fixed Data |

| OBX.14 | Location | Date/Time of the Observation | Data Element | Data | Categorization |
|--------|------------|---------------------------------|--------------|-------------------------------------|----------------------|
| | OBX.14.1 | Time | | 20130211 | Changeable Data |
| OBX.19 | | Date/Time of the Analysis | | | |
| | OBX.19.1 | Time | | 20130214134000 | Changeable Data |
| OBX.23 | | Performing Organization Name | | | |
| | OBX.23.1 | Organization Name | | Pacific Anatomic Pathology Services | Changeable Data |
| | OBX.23.6 | Assigning Authority | | | |
| | OBX.23.6.1 | Namespace ID | | CLIA | Changeable Data |
| | OBX.23.6.2 | Universal ID | | 2.16.840.1.113883.4.7 | Changeable Data |
| | OBX.23.6.3 | Universal ID Type | | ISO | IG Fixed Data |
| | OBX.23.7 | Identifier Type Code | | XX | Changeable Data |
| | OBX.23.10 | Organization Identifier | | 05D8884444 | Changeable Data |
| OBX.24 | | Performing Organization Address | | | |
| | OBX.24.1 | Street Address | | | |
| | OBX.24.1.1 | Street or Mailing Address | | 2216 Santa Monica Blvd | Changeable Data |
| | OBX.24.2 | Other Designation | | Suite 114 | Changeable Data |
| | OBX.24.3 | City | | Santa Monica | Changeable Data |
| | OBX.24.4 | State or Province | | CA | Changeable Data |
| | OBX.24.5 | Zip or Postal Code | | 90404 | Changeable Data |
| | OBX.24.6 | Country | | USA | Changeable Data |
| | OBX.24.7 | Address Type | | B | Changeable Data |
| | OBX.24.9 | County/Parish Code | | 06037 | Changeable Data |
| OBX.29 | | Observation Type | | RSLT | Test Case Fixed Data |

NTE

| | Location | Data Element | Data | Categorization |
|-------|----------|--------------|--|-----------------|
| NTE.1 | | Set ID - NTE | 1 | IG Fixed Data |
| NTE.3 | | Comment | Appropriate Follow-up. Suggest repeat as clinically indicated. | Changeable Data |

NTE

| | Location | Data Element | Data | Categorization |
|-------|----------|--------------|--|-----------------|
| NTE.1 | | Set ID - NTE | 2 | IG Fixed Data |
| NTE.3 | | Comment | Women age 21 to 65 should be tested every 3 years, or if normal results of combined Pap smear and HPV infection testing every 5 years. \nFor more information see: http://www.cdc.gov/cancer/cervical/pdf/guidelines.pdf | Changeable Data |

OBX

| | Location | Data Element | Data | Categorization |
|--------|----------|------------------------------|-------------------------------------|----------------------|
| OBX.1 | | Set ID - OBX | 2 | IG Fixed Data |
| OBX.2 | | Value Type | DT | Test Case Fixed Data |
| OBX.3 | | Observation Identifier | | |
| | OBX.3.1 | Identifier | 8665-2 | Test Case Fixed Data |
| | OBX.3.2 | Text | Date last menstrual period | Changeable Data |
| | OBX.3.3 | Name of the Coding System | LN | Test Case Fixed Data |
| | OBX.3.7 | Coding System Version | 2.52 | Changeable Data |
| OBX.4 | | Observation Sub-ID | | |
| | OBX.4.2 | Group | 1 | Test Case Fixed Data |
| | OBX.4.3 | Sequence | 1 | Test Case Fixed Data |
| OBX.5 | | Observation Value | 20130128 | Changeable Data |
| OBX.11 | | Observation Result Status | F | Test Case Fixed Data |
| OBX.14 | | Date/Time of the Observation | | |
| | OBX.14.1 | Time | 20130211 | Changeable Data |
| OBX.23 | | Performing Organization Name | | |
| | OBX.23.1 | Organization Name | Pacific Anatomic Pathology Services | Changeable Data |
| | OBX.23.6 | Assigning Authority | | |

| OBX.23.6.1 Location | Namespace ID Data Element | CLIA Data | Changeable Data Categorization |
|------------------------|--|------------------------|-----------------------------------|
| OBX.23.6.2 | Universal ID | 2.16.840.1.113883.4.7 | Changeable Data |
| OBX.23.6.3 | Universal ID Type | ISO | IG Fixed Data |
| OBX.23.7 | Identifier Type Code | XX | Changeable Data |
| OBX.23.10 | Organization Identifier | 05D8884444 | Changeable Data |
| OBX.24 | Performing Organization Address | | |
| OBX.24.1 | Street Address | | |
| OBX.24.1.1 | Street or Mailing Address | 2216 Santa Monica Blvd | Changeable Data |
| OBX.24.2 | Other Designation | Suite 114 | Changeable Data |
| OBX.24.3 | City | Santa Monica | Changeable Data |
| OBX.24.4 | State or Province | CA | Changeable Data |
| OBX.24.5 | Zip or Postal Code | 90404 | Changeable Data |
| OBX.24.6 | Country | USA | Changeable Data |
| OBX.24.7 | Address Type | B | Changeable Data |
| OBX.24.9 | County/Parish Code | 06037 | Changeable Data |
| OBX.29 | Observation Type | QST | Test Case Fixed Data |
| OBX.30 | Observation SubType | AOE | Test Case Fixed Data |

OBX

| Location | Data Element | Data | Categorization |
|---------------|--|--|----------------------|
| OBX.1 | Set ID - OBX | 3 | IG Fixed Data |
| OBX.2 | Value Type | CWE | Test Case Fixed Data |
| OBX.3 | Observation Identifier | | |
| OBX.3.1 | Identifier | PLT458 | Test Case Fixed Data |
| OBX.3.2 | Text | Did the patient have a previous abnormal Pap report, treatment, or biopsy? | Changeable Data |
| OBX.3.3 | Name of the Coding System | 99LAB | Test Case Fixed Data |
| OBX.4 | Observation Sub-ID | | |
| OBX.4.2 | Group | 1 | Test Case Fixed Data |
| OBX.4.3 | Sequence | 1 | Test Case Fixed Data |
| OBX.5 | Observation Value | | |
| OBX.5.1 | Identifier | UNK | Test Case Fixed Data |
| OBX.5.2 | Text | Unknown | Changeable Data |
| OBX.5.3 | Name of the Coding System | HL70353 | Test Case Fixed Data |
| OBX.11 | Observation Result Status | F | Test Case Fixed Data |
| OBX.14 | Date/Time of the Observation | | |
| OBX.14.1 | Time | 20130211 | Changeable Data |
| OBX.23 | Performing Organization Name | | |
| OBX.23.1 | Organization Name | Pacific Anatomic Pathology Services | Changeable Data |
| OBX.23.6 | Assigning Authority | | |
| OBX.23.6.1 | Namespace ID | CLIA | Changeable Data |
| OBX.23.6.2 | Universal ID | 2.16.840.1.113883.4.7 | Changeable Data |
| OBX.23.6.3 | Universal ID Type | ISO | IG Fixed Data |
| OBX.23.7 | Identifier Type Code | XX | Changeable Data |
| OBX.23.10 | Organization Identifier | 05D8884444 | Changeable Data |
| OBX.24 | Performing Organization Address | | |
| OBX.24.1 | Street Address | | |
| OBX.24.1.1 | Street or Mailing Address | 2216 Santa Monica Blvd | Changeable Data |
| OBX.24.2 | Other Designation | Suite 114 | Changeable Data |
| OBX.24.3 | City | Santa Monica | Changeable Data |
| OBX.24.4 | State or Province | CA | Changeable Data |
| OBX.24.5 | Zip or Postal Code | 90404 | Changeable Data |
| OBX.24.6 | Country | USA | Changeable Data |
| OBX.24.7 | Address Type | B | Changeable Data |
| OBX.24.9 | County/Parish Code | 06037 | Changeable Data |
| OBX.29 | Observation Type | QST | Test Case Fixed Data |
| OBX.30 | Observation SubType | AOE | Test Case Fixed Data |

OBX

| Location | Data Element | Data | Categorization |
|---------------|--|---|----------------------|
| OBX.1 | Set ID - OBX | 4 | IG Fixed Data |
| OBX.2 | Value Type | ED | Test Case Fixed Data |
| OBX.3 | Observation Identifier | | |
| OBX.3.1 | Identifier | 47527-7 | Test Case Fixed Data |
| OBX.3.2 | Text | Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep | Changeable Data |
| OBX.3.3 | Name of the Coding System | LN | Test Case Fixed Data |
| OBX.3.4 | Alternate Identifier | 610 | Changeable Data |
| OBX.3.5 | Alternate Text | Pap Test | Changeable Data |
| OBX.3.6 | Name of Alternate Coding System | 99USL | Changeable Data |
| OBX.3.7 | Coding System Version | 2.52 | Changeable Data |
| OBX.3.9 | Original Text | Pap Smear | Test Case Fixed Data |
| OBX.4 | Observation Sub-ID | | |
| OBX.4.2 | Group | 1 | Test Case Fixed Data |
| OBX.4.3 | Sequence | 2 | Test Case Fixed Data |
| OBX.5 | Observation Value | | |
| OBX.5.2 | Type of Data | AP | Test Case Fixed Data |
| OBX.5.3 | Data Subtype | pdf | Test Case Fixed Data |
| OBX.5.4 | Encoding | Base64 | Test Case Fixed Data |
| OBX.5.5 | Data | This would be the 64base converted pdf document - it would be very long. | Changeable Data |
| OBX.11 | Observation Result Status | F | Test Case Fixed Data |
| OBX.14 | Date/Time of the Observation | | |
| OBX.14.1 | Time | 20130211 | Changeable Data |
| OBX.19 | Date/Time of the Analysis | | |
| OBX.19.1 | Time | 20130214134000 | Changeable Data |
| OBX.23 | Performing Organization Name | | |
| OBX.23.1 | Organization Name | Pacific Anatomic Pathology Services | Changeable Data |
| OBX.23.6 | Assigning Authority | | |
| OBX.23.6.1 | Namespace ID | CLIA | Changeable Data |
| OBX.23.6.2 | Universal ID | 2.16.840.1.113883.4.7 | Changeable Data |
| OBX.23.6.3 | Universal ID Type | ISO | IG Fixed Data |
| OBX.23.7 | Identifier Type Code | XX | Changeable Data |
| OBX.23.10 | Organization Identifier | 05D8884444 | Changeable Data |
| OBX.24 | Performing Organization Address | | |
| OBX.24.1 | Street Address | | |
| OBX.24.1.1 | Street or Mailing Address | 2216 Santa Monica Blvd | Changeable Data |
| OBX.24.2 | Other Designation | Suite 114 | Changeable Data |
| OBX.24.3 | City | Santa Monica | Changeable Data |
| OBX.24.4 | State or Province | CA | Changeable Data |
| OBX.24.5 | Zip or Postal Code | 90404 | Changeable Data |
| OBX.24.6 | Country | USA | Changeable Data |
| OBX.24.7 | Address Type | B | Changeable Data |
| OBX.24.9 | County/Parish Code | 06037 | Changeable Data |
| OBX.29 | Observation Type | RSLT | Test Case Fixed Data |

SPM

| Location | Data Element | Data | Categorization |
|--------------|---------------------|-----------------------------|-----------------|
| SPM.1 | Set ID - SPM | 1 | IG Fixed Data |
| SPM.2 | Specimen ID | | |
| SPM.2.1 | | | |
| SPM.2.1.1 | | S-40 | Changeable Data |
| SPM.2.1.2 | | NIST EHR | Changeable Data |
| SPM.2.1.3 | | 2.16.840.1.113883.3.72.5.24 | Changeable Data |
| SPM.2.1.4 | | ISO | IG Fixed Data |

| SPM.2.2 | Location | Data Element | Data | Categorization |
|---------------|--------------------------------------|---------------------------------|---------------------------------|-------------------|
| | SPM.2.2.1 | | R-400 | Changeable Data |
| | SPM.2.2.2 | | NIST Lab Filler | Changeable Data |
| | SPM.2.2.3 | | 2.16.840.1.113883.3.72.5.20 | Configurable Data |
| | SPM.2.2.4 | | ISO | IG Fixed Data |
| SPM.4 | Specimen Type | | | |
| | SPM.4.1 | Identifier | 110951002 | Changeable Data |
| | SPM.4.2 | Text | Endocervical cytologic material | Changeable Data |
| | SPM.4.3 | Name of the Coding System | SCT | Changeable Data |
| | SPM.4.4 | Alternate Identifier | 2134 | Changeable Data |
| | SPM.4.5 | Alternate Text | Cervical Cytology (ThinPrep) | Changeable Data |
| | SPM.4.6 | Name of Alternate Coding System | 99USL | Changeable Data |
| | SPM.4.7 | Coding System Version | 201509USEd | Changeable Data |
| | SPM.4.9 | Original Text | Cervical Cytology (ThinPrep) | Changeable Data |
| SPM.17 | Specimen Collection Date/Time | | | |
| | SPM.17.1 | Range Start Date/Time | | |
| | SPM.17.1.1 | Time | 20130211 | Changeable Data |

Patient Information

| Element | Data |
|--------------------|---------------|
| Name | Delores Lopez |
| Date/Time of Birth | 09/06/1988 |
| Administrative Sex | Female |
| Race | White |
| Alt Race | |

Order Observation**Ordering Provider**

| Element | Data |
|-------------------|---------------------------|
| Name | DR Mary Katherine Matalon |
| Identifier number | 2345654323 |

Observation Details

| Element | Data |
|---|---|
| Observation General Information | |
| Placer Order Number | ORD40 |
| Filler Order Number | R-400 |
| Placer Group Number | |
| Parent Universal Service Identifier | |
| Identifier | |
| Text | |
| Alt Identifier | |
| Alt Text | |
| Original Text | |
| Observation Details | |
| Universal Service Identifier | Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep |
| Observation Date/Time | 02/11/2013 |
| Observation end Date/Time | |
| Specimen Action Code | |
| Relevant Clinical Information | |
| Relevant Clinical Information Original Text | |
| Observation Result Information | |
| Result Status | F |
| Results Report/Status Change - Date/Time | 02/14/2013 2:00 PM |
| Results Handling | |
| Standard | |
| Observation Notes | |

Timing/Quantity Information

| Element | Data |
|-----------------|------|
| Priority | |
| Start Date/time | |
| End Date/time | |

Results Performing Laboratory

| Element | Data |
|-------------------------|--|
| Laboratory Name | Pacific Anatomic Pathology Services |
| Organization identifier | 05D8884444 |
| Address | 2216 Santa Monica Blvd Suite 114 Santa Monica CA 90404 USA |
| Director Name | |
| Director identifier | |

Specimen Information

| Element | Data |
|---------|------|
|---------|------|

| | |
|------------------------|---------------------------------|
| Specimen Type | Endocervical cytologic material |
| Alt Specimen Type | Cervical Cytology (ThinPrep) |
| Specimen Original Text | Cervical Cytology (ThinPrep) |
| Start date/time | 20130211 |

Lab results

| Element | | | | Data | | | | |
|--|--|-----|-------|---|--------|--------------------------|-----------------------|---|
| Test performed | | | | Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep | | | | |
| Test Report date | | | | 02/14/2013 14:00 | | | | |
| Result Observation Name | Result | UOM | Range | Abnormal Flag | Status | Date/Time of Observation | Date/Time of Analysis | Notes |
| Pap Smear | Atypical squamous cells of undetermined significance | | | | F | 02/11/2013 | 02/14/2013 13:40 | Appropriate Follow-up. Suggest repeat as clinically indicated. Women age 21 to 65 should be tested every 3 years, or if normal results of combined Pap smear and HPV infection testing every 5 years. For more information see: http://www.cdc.gov/cancer |
| Date last menstrual period | 20130128 | | | | F | 02/11/2013 | | |
| Did the patient have a previous abnormal Pap report, treatment, or biopsy? | Unknown | | | | F | 02/11/2013 | | |
| Pap Smear | This would be the 64base converted pdf document - it would be very long. | | | | F | 02/11/2013 | 02/14/2013 13:40 | |

MSH|^~&|^2.16.840.1.113883.3.72.5.20^ISO|^2.16.840.1.113883.3.72.5.21^ISO||^2.16.840.1.113883.3.72.5.23^ISO|20150926140551||ORU^R01^ORU_R01|LRI_6.0_1.1-

GU|D|2.5.1||AL|AL||||LRI_Common_Component^^2.16.840.1.113883.9.16^ISO~LRI_GU_Compone
nt^^2.16.840.1.113883.9.12^ISO~LRI_FRU_Component^^2.16.840.1.113883.9.83^ISO

PID|1|PATID40^^^NIST MPI&2.16.840.1.113883.3.72.5.30.2&ISO^MR||Lopez^Delores^^^^L|19880906|F||2106-3^White^HL70005||
||||PATID40^^^NIST MPI&2.16.840.1.113883.3.72.5.30.2&ISO^AN

ORC|RE|ORD40^NIST EHR^2.16.840.1.113883.3.72.5.24^ISO|R-400^NIST Lab Filler^2.16.840.1.113883.3.72.5.20^ISO|||||||2345654323^Matalon^Mary^Katherine^^DR^^^NPI&2.16.840.1.113883.4.6&ISO^L^^^NPI

OBR|1|ORD40^NIST EHR^2.16.840.1.113883.3.72.5.24^ISO|R-400^NIST Lab Filler^2.16.840.1.113883.3.72.5.20^ISO|47527-7^Cyto
logy report of Cervical or vaginal smear or scraping Cyto stain.thin prep^LN^610^Pap Test^99USL^2.52|||20130211|||||||
2345654323^Matalon^Mary^Katherine^^DR^^^NPI&2.16.840.1.113883.4.6&ISO^L^^^NPI|||||20130214140000||F

OBX|1|CWE|47527-7^Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep^LN^610^Pap Test^99USL^2
.52^^Pap Smear|^1^1|441087007^Atypical squamous cells of undetermined significance on cervical Papanicolaou smear^SCT^^^
^201509USED^^Atypical squamous cells of undetermined significance|||||F|||20130211|||||20130214134000||||Pacific Anatom
ic Pathology Services^^^^CLIA&2.16.840.1.113883.4.7&ISO^XX^^^05D8884444|2216 Santa Monica Blvd^Suite 114^Santa Monica^C
A^90404^USA^B^^06037||||RSLT

NTE|1|Appropriate Follow-up. Suggest repeat as clinically indicated.

NTE|2|Women age 21 to 65 should be tested every 3 years, or if normal results of combined Pap smear and HPV infection
testing every 5 years. \brFor more information see: <http://www.cdc.gov/cancer/cervical/pdf/guidelines.pdf>

OBX|2|DT|8665-2^Date last menstrual period^LN^^^^2.52|^1^1|20130128|||||F|||20130211||||||Pacific Anatomic Patholog
y Services^^^^CLIA&2.16.840.1.113883.4.7&ISO^XX^^^05D8884444|2216 Santa Monica Blvd^Suite 114^Santa
Monica^CA^90404^USA
^B^^06037||||QST|AOE

OBX|3|CWE|PLT458^Did the patient have a previous abnormal Pap report, treatment, or biopsy?^99LAB|^1^1|UNK^Unknown^HL70
353|||||F|||20130211||||||Pacific Anatomic Pathology Services^^^^CLIA&2.16.840.1.113883.4.7&ISO^XX^^^05D8884444|221
6 Santa Monica Blvd^Suite 114^Santa Monica^CA^90404^USA^B^^06037||||QST|AOE

OBX|4|ED|47527-7^Cytology report of Cervical or vaginal smear or scraping Cyto stain.thin prep^LN^610^Pap Test^99USL^2.
52^^Pap Smear|^1^2|^AP^pdf^Base64^This would be the 64base converted pdf document - it would be very long.|||||F|||2013
0211|||||20130214134000||||Pacific Anatomic Pathology Services^^^^CLIA&2.16.840.1.113883.4.7&ISO^XX^^^05D8884444|2216 S
anta Monica Blvd^Suite 114^Santa Monica^CA^90404^USA^B^^06037||||RSLT

SPM|1|S-40&NIST EHR&2.16.840.1.113883.3.72.5.24&ISO^R-400&NIST Lab
Filler&2.16.840.1.113883.3.72.5.20&ISO||110951002^En
docervical cytologic material^SCT^2134^Cervical Cytology (ThinPrep)^99USL^201509USED^^Cervical Cytology (ThinPrep)|||||
|||||20130211