

Description

The Laboratory Test Compendium from Century Hospital Clinical Laboratory is a subset of their Directory of Services. It is based upon the most commonly ordered lab tests by Dr. Radon. This compendium is being used by Dr. Nicholas Radon's practice EHR-S to place orders electronically to Century Hospital's Clinical Laboratory. Century Hospital's has revised the Lipid panel and made its components orderable. Century Hospital's LIS transmits the appropriate eDOS update message to update this information for limited coverage tests in Dr. Radon's EHR.

Comments

Update message to change limited coverage information for orderable tests and panels. This update provides information for the newly orderable individual Lipid panel components and the revised panel.

PreCondition

EDOS_1.0_1.1-M08_New
and
EDOS_1.0_2.1-M10_New
and
EDOS_1.0_3.1-M04_New
and
EDOS_1.0_4.1-M18_New_Approved
and
EDOS_1.0_5.1-M18_New_Limited
and
EDOS_2.4_1.1-M08_Update_Combo
and
EDOS_2.4_2.1-M10_Update_Combo
and
EDOS_2.4_3.1-M04_Update_Combo
and
EDOS_2.4_4.1-M18_Update_Combo
and
EDOS_2.5_1.1-M08_Update_Revise_PostCombo
and
EDOS_2.5_2.1-M10_Update_Revise_PostCombo
and
EDOS_2.5_3.1-M04_Update_revise_postCombo
have been completed.

PostCondition

No Post-Condition.

TestObjectives

- Demonstrate capability to support a M18 limited coverage update message for an added panel and individual tests.

Test Case Information

EDOS_2.5_4.1-M18_NG - M18_Update_revise_postCombo

Test Case ID

EDOS_2.5_4.1-M18_NG

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.3.1 | Namespace ID | NIST Test Lab APP | Configurable Data |
| MSH.4 | Sending Facility | | |
| MSH.4.1 | Namespace ID | NIST Lab Facility | Configurable Data |
| MSH.6 | Receiving Facility | | |
| MSH.6.1 | Namespace ID | NIST EHR Facility | Configurable Data |
| MSH.7 | Date/Time Of Message | | |
| MSH.7.1 | Time | 20130421113601-0700 | System Generated |
| MSH.9 | Message Type | | |
| MSH.9.1 | Message Code | MFN | IG Fixed Data |
| MSH.9.2 | Trigger Event | M18 | IG Fixed Data |
| MSH.9.3 | Message Structure | MFN_M18 | IG Fixed Data |
| MSH.10 | Message Control ID | EDOS_2.5_4.1-M18_NG | 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.21 | Message Profile Identifier | | |
| MSH.21.1 | Entity Identifier | EDOS_Common_Component | Test Case Fixed Data |
| MSH.21.2 | Namespace ID | EDOS Base Profile | Changeable Data |
| MSH.21.3 | Universal ID | 2.16.840.1.113883.9.67 | Test Case Fixed Data |
| MSH.21.4 | Universal ID Type | ISO | IG Fixed Data |
| MSH.21[2] | Message Profile Identifier | | |
| MSH.21[2].1 | Entity Identifier | EDOS_NG_Component | Test Case Fixed Data |
| MSH.21[2].2 | Namespace ID | EDOS NG Profile | Changeable Data |
| MSH.21[2].3 | Universal ID | 2.16.840.1.113883.9.69 | Test Case Fixed Data |
| MSH.21[2].4 | Universal ID Type | ISO | IG Fixed Data |

MFI

| Location | Data Element | Data | Categorization |
|----------|--------------------------|-----------------------------------|----------------------|
| MFI.1 | Master File Identifier | | |
| MFI.1.1 | Identifier | MLCP | IG Fixed Data |
| MFI.1.2 | Text | Medicare Limited Coverage Process | Changeable Data |
| MFI.1.3 | Name of Coding System | HL70175 | IG Fixed Data |
| MFI.1.7 | Coding System Version ID | 2.8.2 | Test Case Fixed Data |
| MFI.3 | File-Level Event Code | UPD | Test Case Fixed Data |
| MFI.6 | Response Level Code | NE | IG Fixed Data |

MFE

| Location | Data Element | Data | Categorization |
|----------|-------------------------|----------------------------|----------------------|
| MFE.1 | Record-Level Event Code | MAD | Test Case Fixed Data |
| MFE.3 | Effective Date/Time | | |
| MFE.3.1 | Time | 20131219145310 | System Generated |
| MFE.4 | Primary Key Value - MFE | | |
| MFE.4.1 | Identifier | 402 | Changeable Data |
| MFE.4.2 | Text | Cholesterol (total), serum | Changeable Data |
| MFE.4.3 | Name of Coding System | 99USL | Changeable Data |

| | | | |
|--------------|-------------------------------|----------|-----------------|
| MFE.4.7 | Coding System Version ID | 20130421 | Changeable Data |
| MFE.5 | Primary Key Value Type | CWE | IG Fixed Data |

PM1

| Location | Data Element | Data | Categorization |
|--------------|-----------------------------|-------------|-------------------|
| PM1.1 | Health Plan ID | | |
| PM1.1.2 | Text | Healthplan2 | Changeable Data |
| PM1.2 | Insurance Company ID | | |
| PM1.2.1 | ID Number | SMCA2 | Changeable Data |
| PM1.2.4 | Assigning Authority | | |
| PM1.2.4.1 | Namespace ID | NIST EHR | Configurable Data |
| PM1.2.5 | Identifier Type Code | XX | Changeable Data |

MCP

| Location | Data Element | Data | Categorization |
|--------------|---|----------------------------|----------------------|
| MCP.1 | Set ID - MCP | 1 | IG Fixed Data |
| MCP.2 | Producer's Service/Test/Observation ID | | |
| MCP.2.1 | Identifier | 402 | Test Case Fixed Data |
| MCP.2.2 | Text | Cholesterol (total), serum | Changeable Data |
| MCP.2.3 | Name of Coding System | 99USL | Changeable Data |
| MCP.2.7 | Coding System Version ID | 20130421 | Changeable Data |

MFE

| Location | Data Element | Data | Categorization |
|--------------|--------------------------------|---|----------------------|
| MFE.1 | Record-Level Event Code | MAD | Test Case Fixed Data |
| MFE.3 | Effective Date/Time | | |
| MFE.3.1 | Time | 20131219145310 | System Generated |
| MFE.4 | Primary Key Value - MFE | | |
| MFE.4.1 | Identifier | 404 | Changeable Data |
| MFE.4.2 | Text | High density lipoprotein cholesterol, serum (HDL) | Changeable Data |
| MFE.4.3 | Name of Coding System | 99USL | Changeable Data |
| MFE.4.7 | Coding System Version ID | 20130421 | Changeable Data |
| MFE.5 | Primary Key Value Type | CWE | IG Fixed Data |

PM1

| Location | Data Element | Data | Categorization |
|--------------|-----------------------------|-------------|-------------------|
| PM1.1 | Health Plan ID | | |
| PM1.1.2 | Text | Healthplan2 | Changeable Data |
| PM1.2 | Insurance Company ID | | |
| PM1.2.1 | ID Number | SMCA2 | Changeable Data |
| PM1.2.4 | Assigning Authority | | |
| PM1.2.4.1 | Namespace ID | NIST EHR | Configurable Data |
| PM1.2.5 | Identifier Type Code | XX | Changeable Data |

MCP

| Location | Data Element | Data | Categorization |
|--------------|---|---|----------------------|
| MCP.1 | Set ID - MCP | 1 | IG Fixed Data |
| MCP.2 | Producer's Service/Test/Observation ID | | |
| MCP.2.1 | Identifier | 404 | Test Case Fixed Data |
| MCP.2.2 | Text | High density lipoprotein cholesterol, serum (HDL) | Changeable Data |
| MCP.2.3 | Name of Coding System | 99USL | Changeable Data |
| MCP.2.7 | Coding System Version ID | 20130421 | Changeable Data |

MFE

| Location | Data Element | Data | Categorization |
|----------|--------------------------|----------------------|----------------------|
| MFE.1 | Record-Level Event Code | MAD | Test Case Fixed Data |
| MFE.3 | Effective Date/Time | | |
| MFE.3.1 | Time | 20131219145310 | System Generated |
| MFE.4 | Primary Key Value - MFE | | |
| MFE.4.1 | Identifier | 408 | Changeable Data |
| MFE.4.2 | Text | Triglycerides, serum | Changeable Data |
| MFE.4.3 | Name of Coding System | 99USL | Changeable Data |
| MFE.4.7 | Coding System Version ID | 20130421 | Changeable Data |
| MFE.5 | Primary Key Value Type | CWE | IG Fixed Data |

PM1

| Location | Data Element | Data | Categorization |
|-----------|----------------------|-------------|-------------------|
| PM1.1 | Health Plan ID | | |
| PM1.1.2 | Text | Healthplan2 | Changeable Data |
| PM1.2 | Insurance Company ID | | |
| PM1.2.1 | ID Number | SMCA2 | Changeable Data |
| PM1.2.4 | Assigning Authority | | |
| PM1.2.4.1 | Namespace ID | NIST EHR | Configurable Data |
| PM1.2.5 | Identifier Type Code | XX | Changeable Data |

MCP

| Location | Data Element | Data | Categorization |
|----------|--|----------------------|----------------------|
| MCP.1 | Set ID - MCP | 1 | IG Fixed Data |
| MCP.2 | Producer's Service/Test/Observation ID | | |
| MCP.2.1 | Identifier | 408 | Test Case Fixed Data |
| MCP.2.2 | Text | Triglycerides, serum | Changeable Data |
| MCP.2.3 | Name of Coding System | 99USL | Changeable Data |
| MCP.2.7 | Coding System Version ID | 20130421 | Changeable Data |

MFE

| Location | Data Element | Data | Categorization |
|----------|--------------------------|--------------------------|----------------------|
| MFE.1 | Record-Level Event Code | MUP | Test Case Fixed Data |
| MFE.3 | Effective Date/Time | | |
| MFE.3.1 | Time | 20131219145310 | System Generated |
| MFE.4 | Primary Key Value - MFE | | |
| MFE.4.1 | Identifier | 400.1 | Changeable Data |
| MFE.4.2 | Text | Lipid Panel - direct LDL | Changeable Data |
| MFE.4.3 | Name of Coding System | 99USL | Changeable Data |
| MFE.4.7 | Coding System Version ID | 20130421 | Changeable Data |
| MFE.5 | Primary Key Value Type | CWE | IG Fixed Data |

PM1

| Location | Data Element | Data | Categorization |
|-----------|----------------------|-------------|-------------------|
| PM1.1 | Health Plan ID | | |
| PM1.1.2 | Text | Healthplan2 | Changeable Data |
| PM1.2 | Insurance Company ID | | |
| PM1.2.1 | ID Number | SMCA2 | Changeable Data |
| PM1.2.4 | Assigning Authority | | |
| PM1.2.4.1 | Namespace ID | NIST EHR | Configurable Data |
| PM1.2.5 | Identifier Type Code | XX | Changeable Data |

MCP

| Location | Data Element | Data | Categorization |
|----------|--------------|------|----------------|
| MCP.1 | Set ID - MCP | 1 | IG Fixed Data |

| MCP Location | Producer's Service/ Test/ Observation ID | Data Element | Data | Categorization |
|--------------|--|--------------|--------------------------|----------------------|
| MCP.2.1 | Identifier | | 400.1 | Test Case Fixed Data |
| MCP.2.2 | Text | | Lipid Panel - direct LDL | Changeable Data |
| MCP.2.3 | Name of Coding System | | 99USL | Changeable Data |
| MCP.2.7 | Coding System Version ID | | 20130421 | Changeable Data |
| MCP.4 | Universal Service Price Range - High Value | | | |
| MCP.4.1 | Quantity | | 45 | Changeable Data |
| MCP.4.2 | Denomination | | USD | IG Fixed Data |

| Element | Data |
|------------|------|
| Identifier | MLCP |
| Event code | UPD |

Payer Information - Cholesterol (total), serum
Record information

| Element | Data |
|-------------------------------------|----------------------------|
| Event code | MAD |
| Effective date and time | 20131219145310 |
| Test/Panel Name | Cholesterol (total), serum |
| Test/Panel identifier (code system) | 402 (99USL) |

Payer & coverage details

Payer

| Element | Data |
|-------------------|-------------|
| Health Plan | Healthplan2 |
| Insurance Company | SMCA2 |

Payer Information - High density lipoprotein cholesterol, serum (HDL)

Record information

| Element | Data |
|-------------------------------------|---|
| Event code | MAD |
| Effective date and time | 20131219145310 |
| Test/Panel Name | High density lipoprotein cholesterol, serum (HDL) |
| Test/Panel identifier (code system) | 404 (99USL) |

Payer & coverage details

Payer

| Element | Data |
|-------------------|-------------|
| Health Plan | Healthplan2 |
| Insurance Company | SMCA2 |

Payer Information - Triglycerides, serum

Record information

| Element | Data |
|-------------------------------------|----------------------|
| Event code | MAD |
| Effective date and time | 20131219145310 |
| Test/Panel Name | Triglycerides, serum |
| Test/Panel identifier (code system) | 408 (99USL) |

Payer & coverage details

Payer

| Element | Data |
|-------------------|-------------|
| Health Plan | Healthplan2 |
| Insurance Company | SMCA2 |

Payer Information - Lipid Panel - direct LDL

Record information

| Element | Data |
|-------------------------------------|--------------------------|
| Event code | MUP |
| Effective date and time | 20131219145310 |
| Test/Panel Name | Lipid Panel - direct LDL |
| Test/Panel identifier (code system) | 400.1 (99USL) |

Payer & coverage details

Payer

| Element | Data |
|-------------------|-------------|
| Health Plan | Healthplan2 |
| Insurance Company | SMCA2 |

Coverage Policy

| | |
|------------------|--------|
| High price range | USD 45 |
|------------------|--------|

MSH|^~&#|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M18^MFN_M18|EDOS_2.5_4.1-M18_
NG|D|2.5.1|||||||EDOS_Common_Component^EDOS Base Profile^2.16.840.1.113883.9.67^ISO~EDOS_NG_Component^EDOS NG
Profile^
2.16.840.1.113883.9.69^ISO

MFI|MLCP^Medicare Limited Coverage Process^HL70175^^^^2.8.2||UPD|||NE

MFE|MAD||20131219145310|402^Cholesterol (total), serum^99USL^^^^20130421|CWE

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|402^Cholesterol (total), serum^99USL^^^^20130421

MFE|MAD||20131219145310|404^High density lipoprotein cholesterol, serum (HDL)^99USL^^^^20130421|CWE

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|404^High density lipoprotein cholesterol, serum (HDL)^99USL^^^^20130421

MFE|MAD||20131219145310|408^Triglycerides, serum^99USL^^^^20130421|CWE

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|408^Triglycerides, serum^99USL^^^^20130421

MFE|MUP||20131219145310|400.1^Lipid Panel - direct LDL^99USL^^^^20130421|CWE

PM1|^Healthplan2|SMCA2^^^NIST EHR^XX

MCP|1|400.1^Lipid Panel - direct LDL^99USL^^^^20130421||45^USD