

#### 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 Laboratory had decided to no longer offer the sedimentation rate test. Century Hospital's LIS transmits the appropriate eDOS update message for approved coverage information for this deactivated test to Dr. Radon's EHR.

#### Comments

Update message about approved coverage information for a deactivated test.

#### 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\_Aproved  
and  
EDOS\_1.0\_5.1-M18\_New\_Limited  
and  
EDOS\_2.0\_1.1-M08\_Update\_Deactivate  
and  
EDOS\_2.0\_2.1-M10\_Update\_Deactivate  
and  
EDOS\_2.0\_3.1-M04\_Update\_Deactivate  
have been completed.

#### PostCondition

No Post-Condition.

#### TestObjectives

- Demonstrate capability to support a M18 approved coverage update message-action: deactivate.

## Test Case Information

## EDOS\_2.0\_4.1-M18\_GU - M18\_Update\_deactivate

Test Case ID

EDOS\_2.0\_4.1-M18\_GU

## MSH

| Location         | Data Element                      | Data                        | Categorization       |
|------------------|-----------------------------------|-----------------------------|----------------------|
| <b>MSH.1</b>     | <b>Field Separator</b>            |                             | IG Fixed Data        |
| <b>MSH.2</b>     | <b>Encoding Characters</b>        | ~\&#                        | IG Fixed Data        |
| <b>MSH.3</b>     | <b>Sending Application</b>        |                             |                      |
| 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        |
| <b>MSH.4</b>     | <b>Sending Facility</b>           |                             |                      |
| 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        |
| <b>MSH.6</b>     | <b>Receiving Facility</b>         |                             |                      |
| 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        |
| <b>MSH.7</b>     | <b>Date/Time Of Message</b>       |                             |                      |
| MSH.7.1          | Time                              | 20130421113601-0700         | System Generated     |
| <b>MSH.9</b>     | <b>Message Type</b>               |                             |                      |
| 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        |
| <b>MSH.10</b>    | <b>Message Control ID</b>         | EDOS_2.0_4.1-M18_GU         | System Generated     |
| <b>MSH.11</b>    | <b>Processing ID</b>              |                             |                      |
| MSH.11.1         | Processing ID                     | D                           | Changeable Data      |
| <b>MSH.12</b>    | <b>VersionID</b>                  |                             |                      |
| MSH.12.1         | Version ID                        | 2.5.1                       | IG Fixed Data        |
| <b>MSH.21</b>    | <b>Message Profile Identifier</b> |                             |                      |
| 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        |
| <b>MSH.21[2]</b> | <b>Message Profile Identifier</b> |                             |                      |
| MSH.21[2].1      | Entity Identifier                 | EDOS_GU_Component           | Test Case Fixed Data |
| MSH.21[2].2      | Namespace ID                      | EDOS GU Profile             | Changeable Data      |
| MSH.21[2].3      | Universal ID                      | 2.16.840.1.113883.9.68      | Test Case Fixed Data |
| MSH.21[2].4      | Universal ID Type                 | ISO                         | IG Fixed Data        |

## MFI

| Location     | Data Element                  | Data                               | Categorization       |
|--------------|-------------------------------|------------------------------------|----------------------|
| <b>MFI.1</b> | <b>Master File Identifier</b> |                                    |                      |
| MFI.1.1      | Identifier                    | MACP                               | IG Fixed Data        |
| MFI.1.2      | Text                          | Medicare Approved 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 |
| <b>MFI.3</b> | <b>File-Level Event Code</b>  | UPD                                | Test Case Fixed Data |
| <b>MFI.6</b> | <b>Response Level Code</b>    | NE                                 | IG Fixed Data        |

## MFE

| Location     | Data Element                   | Data           | Categorization       |
|--------------|--------------------------------|----------------|----------------------|
| <b>MFE.1</b> | <b>Record-Level Event Code</b> | MDC            | Test Case Fixed Data |
| <b>MFE.3</b> | <b>Effective Date/Time</b>     |                |                      |
| MFE.3.1      | Time                           | 20131219145310 | System Generated     |
| <b>MFE.4</b> | <b>Primary Key Value - MFE</b> |                |                      |

| Location | Data Element             | Data                           | Categorization  |
|----------|--------------------------|--------------------------------|-----------------|
| MFE.4.1  | Identifier               | 500                            | Changeable Data |
| MFE.4.2  | Text                     | Erythrocyte sedimentation rate | 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  |                             |                   |
| PM1.2.4.2 | Universal ID         | 2.16.840.1.113883.3.72.5.22 | Configurable Data |
| PM1.2.4.3 | Universal ID Type    | ISO                         | IG Fixed 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                                 | 500                            | Test Case Fixed Data |
| MCP.2.2  | Text                                       | Erythrocyte sedimentation rate | Changeable Data      |
| MCP.2.3  | Name of Coding System                      | 99USL                          | Changeable Data      |
| MCP.2.7  | Coding System Version ID                   | 20130421                       | Changeable Data      |
| MCP.3    | Universal Service Price Range - Low Value  |                                |                      |
| MCP.3.1  | Quantity                                   | 25                             | Changeable Data      |
| MCP.3.2  | Denomination                               | USD                            | IG Fixed Data        |
| MCP.4    | Universal Service Price Range - High Value |                                |                      |
| MCP.4.1  | Quantity                                   | 30                             | Changeable Data      |
| MCP.4.2  | Denomination                               | USD                            | IG Fixed Data        |
| MCP.5    | Reason for Universal Service Cost Range    | Some reason                    | Changeable Data      |

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

Payer Information - Erythrocyte sedimentation rate  
Record information

| Element                             | Data                           |
|-------------------------------------|--------------------------------|
| Event code                          | MDC                            |
| Effective date and time             | 20131219145310                 |
| Test/Panel Name                     | Erythrocyte sedimentation rate |
| Test/Panel identifier (code system) | 500 (99USL)                    |

Payer & coverage details

Payer

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

Coverage Policy

|   |             |
|---|-------------|
| Low price range                         | USD 25      |
| High price range                        | USD 30      |
| Reason for universal service cost range | Some reason |

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|201304211  
13601-0700||MFN^M18^MFN\_M18|EDOS\_2.0\_4.1-M18\_GU|D|2.5.1|||||||EDOS\_Common\_Component^EDOS Base  
Profile^2.16.840.1.11388  
3.9.67^ISO~EDOS\_GU\_Component^EDOS GU Profile^2.16.840.1.113883.9.68^ISO  
  
MFI|MACP^Medicare Approved Coverage Process^HL70175^^^^2.8.2||UPD|||NE  
  
MFE|MDC||20131219145310|500^Erythrocyte sedimentation rate^99USL^^^^20130421|CWE  
  
PM1|^Healthplan2|SMCA2^^^&2.16.840.1.113883.3.72.5.22&ISO^XX  
  
MCP|1|500^Erythrocyte sedimentation rate^99USL^^^^20130421|25^USD|30^USD|Some reason