

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 has made changes to their test compendium:
- Reactivated the CPT code for the previously de-activated Sed Rate.
Century Hospital's LIS transmits the appropriate eDOS update messages with these changes to Dr. Radon's EHR.

Comments

Update changes for reactivation of charge codes (CPT codes).

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_2.1_1.1-M08_Deactivate
and
EDOS_2.1_2.1-M10_Deactivate
and
EDOS_2.1_3.1-M04_Deactivate
and
EDOS_2.1_4.1-M18_Deactivate
and
EDOS_2.3_1.1-M08_Update_Reactivate
and
EDOS_2.3_2.1-M10_Update_Reactivate
have been completed.

PostCondition

No Post-Condition.

TestObjectives

- Demonstrate capability to support a M04 update message - action: reactivate

Test Case Information

EDOS_2.3_3.1-M04-NG - M04_Update_reactivate

Test Case ID

EDOS_2.3_3.1-M04_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 | M04 | IG Fixed Data |
| MSH.9.3 | Message Structure | MFN_M04 | IG Fixed Data |
| MSH.10 | Message Control ID | EDOS_2.3_3.1-M04-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 | CDM | IG Fixed Data |
| MFI.1.2 | Text | Charge description master file | Changeable Data |
| MFI.1.3 | Name of Coding System | HL70175 | IG Fixed Data |
| MFI.1.7 | Coding System Version ID | 2.5.1 | 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 | MAC | 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 | 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 |
|----------|--------------------------|----------|-----------------|
| Location | Data Element | Data | Categorization |
| MFE.5 | Primary Key Value Type | CWE | IG Fixed Data |

CDM

| Location | Data Element | Data | Categorization |
|----------|--------------------------|--|----------------------|
| CDM.1 | Primary Key Value - CDM | | |
| CDM.1.1 | Identifier | 500 | Test Case Fixed Data |
| CDM.1.2 | Text | Erythrocyte sedimentation rate | Changeable Data |
| CDM.1.3 | Name of Coding System | 99USL | Changeable Data |
| CDM.1.7 | Coding System Version ID | 20130421 | Changeable Data |
| CDM.3 | Charge Description Short | N/A | IG Fixed Data |
| CDM.7 | Procedure Code | | |
| CDM.7.1 | Identifier | 85652 | Changeable Data |
| CDM.7.2 | Text | Sedimentation rate, erythrocyte; automated | Changeable Data |
| CDM.7.3 | Name of Coding System | C4 | IG Fixed Data |
| CDM.7.7 | Coding System Version ID | 19.2 | Changeable Data |

MFE

| Location | Data Element | Data | Categorization |
|----------|--------------------------|----------------|----------------------|
| MFE.1 | Record-Level Event Code | MAC | 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 | 800 | Changeable Data |
| MFE.4.2 | Text | GHP | 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 |

CDM

| Location | Data Element | Data | Categorization |
|------------|--------------------------|---|----------------------|
| CDM.1 | Primary Key Value - CDM | | |
| CDM.1.1 | Identifier | 800 | Test Case Fixed Data |
| CDM.1.2 | Text | GHP | Changeable Data |
| CDM.1.3 | Name of Coding System | 99USL | Changeable Data |
| CDM.1.7 | Coding System Version ID | 20130421 | Changeable Data |
| CDM.3 | Charge Description Short | N/A | IG Fixed Data |
| CDM.7 | Procedure Code | | |
| CDM.7.1 | Identifier | 84443 | Changeable Data |
| CDM.7.2 | Text | Thyroid Stimulating Hormone (TSH) | Changeable Data |
| CDM.7.3 | Name of Coding System | C4 | IG Fixed Data |
| CDM.7.7 | Coding System Version ID | 19.2 | Changeable Data |
| CDM.7[2] | Procedure Code | | |
| CDM.7[2].1 | Identifier | 81003 | Changeable Data |
| CDM.7[2].2 | Text | URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTTNTS ATMTD, WHTT MCRSCPY | Changeable Data |
| CDM.7[2].3 | Name of Coding System | C4 | IG Fixed Data |
| CDM.7[2].7 | Coding System Version ID | 19.2 | Changeable Data |
| CDM.7[3] | Procedure Code | | |
| CDM.7[3].1 | Identifier | 80053 | Changeable Data |
| | | Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine | |

| CDM.7[3].2 Location | Text | Data Element | Data | Changeable Data Categorization |
|------------------------|--------------------------|---|---|-----------------------------------|
| | | | (82565) Glucose (83047) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520) | |
| CDM.7[3].3 | Name of Coding System | C4 | | IG Fixed Data |
| CDM.7[3].7 | Coding System Version ID | 19.2 | | Changeable Data |
| CDM.7[4] | Procedure Code | | | |
| CDM.7[4].1 | Identifier | 85025 | | Changeable Data |
| CDM.7[4].2 | Text | blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count | | Changeable Data |
| CDM.7[4].3 | Name of Coding System | C4 | | IG Fixed Data |
| CDM.7[4].7 | Coding System Version ID | 19.2 | | Changeable Data |
| CDM.7[5] | Procedure Code | | | |
| CDM.7[5].1 | Identifier | 85007 | | Changeable Data |
| CDM.7[5].2 | Text | BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT | | Changeable Data |
| CDM.7[5].3 | Name of Coding System | C4 | | IG Fixed Data |
| CDM.7[5].7 | Coding System Version ID | 19.2 | | Changeable Data |
| CDM.7[6] | Procedure Code | | | |
| CDM.7[6].1 | Identifier | 85060 | | Changeable Data |
| CDM.7[6].2 | Text | BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT | | Changeable Data |
| CDM.7[6].3 | Name of Coding System | C4 | | IG Fixed Data |
| CDM.7[6].7 | Coding System Version ID | 19.2 | | Changeable Data |

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

Charge Information - Erythrocyte sedimentation rate

Record information

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

Charge details

| Element | Data |
|--|--|
| Primary key value | Erythrocyte sedimentation rate |
| Primary key value (code & code system) | 500 (99USL) |
| Charge description | N/A |
| Procedure code | Sedimentation rate, erythrocyte; automated |
| Procedure code(code & code system) | 85652 (C4) |

Charge Information - GHP

Record information

| Element | Data |
|-------------------------------------|----------------|
| Event code | MAC |
| Effective date and time | 20131219145310 |
| Test/Panel Name | GHP |
| Test/Panel identifier (code system) | 800 (99USL) |

Charge details

| Element | Data |
|--|---|
| Primary key value | GHP |
| Primary key value (code & code system) | 800 (99USL) |
| Charge description | N/A |
| Procedure code | Thyroid Stimulating Hormone (TSH) |
| Procedure code(code & code system) | 84443 (C4) |
| Procedure code | URNLYSS, DP STCK OR TBLT RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTNTS ATMTD, WHTT MCRSCP |
| Procedure code(code & code system) | 81003 (C4) |
| Procedure code | Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520) |
| Procedure code(code & code system) | 80053 (C4) |
| Procedure code | blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count |
| Procedure code(code & code system) | 85025 (C4) |
| Procedure code | BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC COUNT |
| Procedure code(code & code system) | 85007 (C4) |
| | BLOOD SMEAR, PERIPHERAL, INTERPRETATION BY |

| | |
|------------------------------------|-------------------------------|
| Procedure code | PHYSICIAN WITH WRITTEN REPORT |
| Procedure code(code & code system) | 85060 (C4) |

MSH|^~&#|NIST Test Lab APP|NIST Lab Facility||NIST EHR Facility|20130421113601-0700||MFN^M04^MFN_M04|EDOS_2.3_3.1-M04-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|CDM^Charge description master file^HL70175^^^^2.5.1||UPD|||NE

MFE|MAC||20131219145310|500^Erythrocyte sedimentation rate^99USL^^^^20130421|CWE

CDM|500^Erythrocyte sedimentation rate^99USL^^^^20130421||N/A|||85652^Sedimentation rate, erythrocyte; automated^C4^^^19.2

MFE|MAC||20131219145310|800^GHP^99USL^^^^20130421|CWE

CDM|800^GHP^99USL^^^^20130421||N/A|||84443^Thyroid Stimulating Hormone (TSH)^C4^^^19.2~81003^URNLYSS, DP STCK OR TBLT

RGNT FR BLRBN, GLCS, HMGLBN, KTNS, LKCYTS, NTRT, PH, PRTN, SPCFC GRVTY, URBLNGN, ANY NMBR OF THS CNSTTNTS ATMTD, WHT M

CRSCPY^C4^^^19.2~80053^Comprehensive metabolic panel This panel must include the following: Albumin (82040) Bilirubin, total (82247) Calcium, total (82310) Carbon dioxide (bicarbonate) (82374) Chloride (82435) Creatinine (82565) Glucose (82947) Phosphatase, alkaline (84075) Potassium (84132) Protein, total (84155) Sodium (84295) Transferase, alanine amino (ALT) (SGPT) (84460) Transferase, aspartate amino (AST) (SGOT) (84450) Urea nitrogen (BUN) (84520)^C4^^^19.2~85025^blood count; complete (cbc), automated (hgb, hct, rbc, wbc and platelet count) and automated differential wbc count^C4^^^19.2~85007^BLOOD COUNT; BLOOD SMEAR, MICROSCOPIC EXAMINATION WITH MANUAL DIFFERENTIAL WBC

COUNT^C4^^^19.2~85060^BLOOD SMEA

R, PERIPHERAL, INTERPRETATION BY PHYSICIAN WITH WRITTEN REPORT^C4^^^19.2