

Test Data for §170.314(a)(1) Computerized provider order entry

Test data provided for public comment are samples and will be updated when the test procedures are finalized. Test data are provided to ensure that the functional and interoperability requirements identified in the criterion can be adequately evaluated for conformance, as well as to provide consistency in the testing process across multiple ATLS. The provided test data focus on evaluating the basic capabilities of required EHR technology, rather than exercising the full breadth/depth of capability that installed EHR technology might be expected to support. The test data are formatted for readability of use within the testing process. The format is not prescribing a particular end-user view or rendering. No additional requirements should be drawn from the format.

The Tester shall use and apply the provided test data during the test, without exception, unless one of the following conditions exists:

- The Tester determines that the Vendor product is sufficiently specialized that the provided test data needs to be modified in order to conduct an adequate test. Having made the determination that some modification to the provided test data is necessary, the Tester shall record the modifications made as part of the test documentation.
- The Tester determines that changes to the test data will improve the efficiency of the testing process; primarily through using consistent demographic data throughout the testing workflow. The Tester shall ensure that the functional and interoperable requirements identified in the criterion can be adequately evaluated for conformance and that the test data provides a comparable level of robustness.

Any departure from the provided test data shall strictly focus on meeting the basic capabilities required of EHR technology relative to the certification criterion rather than exercising the full breadth/depth of capability that installed EHR technology might be expected to support.

The Test Procedures require that the Tester enter the test data into the EHR technology being evaluated for conformance. The intent is that the Tester fully controls the process of entering the test data in order to ensure that the data are correctly entered as specified in the test procedure. If a situation arises where it is impractical for a Tester to directly enter the test data, the Tester, at the Tester's discretion, may instruct the Vendor to enter the test data, so long as the Tester remains in full control of the testing process, directly observes the test data being entered by the Vendor, and verifies that the test data are entered correctly as specified in the test procedure.

Ambulatory Setting Test Data

TD170.314.a.1 – 1: Electronically Record and Store Orders – Ambulatory Setting

Orders Test Data - Set 1

TD170.314.a.1 – 1.1: Medication Orders

- Zocor 40 mg tablet, Disp #30, Sig: Take 1 tablet PO, QHS, 1 Refill
- Nuprin 200 mg, Disp #20, Sig: Take 1 tablet q6h, 0 Refills
- Proscar 5 mg tablet, Disp # 60, Sig: Take 1 tablet PO, QD, 2 Refills

TD170.314.a.1 – 1.2: Laboratory Orders

- Creatinine 24 H urine panel
- Gas Panel in Arterial Blood
- Fasting Glucose once in AM

TD170.314.a.1 – 1.3: Radiology/Imaging Orders

- Spine CT w/out contrast, indication: radiculopathy
- Ultrasound Vascular Study, indication: extremity swelling

Orders test Data – Set 2

TD170.314.a.1 – 1.4: Medication Orders

- Neurontin 300 mg, Disp # 60, Sig: Take 1 tablet PO TID, 0 Refills
- Ativan 1 mg tablet, Disp # 30, Sig: Take 1 tablet PO TID, 1 Refill
- Amiodarone 200 mg tablet, Disp# 30, Sig: Take 1 tablet PO BID, 1 Refill

TD170.314.a.1 – 1.5: Laboratory Orders

- Amphetamine/Methamphetamine Screen
- Complete Blood Count (CBC) w/ Auto Differential
- CSF analysis

TD170.314.a.1 – 1.6: Radiology/Imaging Orders

- MRI Brain w/out Contrast, indication: seizures
- CTA Chest w/ IV Contrast, indication: chest pain

TD170.314.a.1 – 2: Electronically Change Orders – Ambulatory Setting

Orders Test Data - Set 1

TD170.314.a.1 – 2.1: Medication Orders

Change the Nuprin order from q6h to **q8h**

Discontinue the Proscar order

Change the dose for the Zocor order from 40 mg to **80 mg**

TD170.314.a.1 – 2.2: Laboratory Orders

Discontinue the Creatinine 24 H urine panel

Change the Fasting Glucose order from once in AM to **two times in 2 weeks**

TD170.314.a.1 – 2.3: Radiology/Imaging Orders

Change the Spine CT w/out contrast to **MRI Spine w/out contrast**

Orders Test Data - Set 2

TD170.314.a.1 – 2.4: Medication Orders

Change Neurontin order from 300 mg tablet to **400 mg tablet**

TD170.314.a.1 – 2.5: Laboratory Orders

Change Amphetamine/Methamphetamine Screen to **Barbiturate Screen**

TD170.314.a.1 – 2.6: Radiology/Imaging Orders

Change CTA Chest w/ IV contrast to **CT Screening Cardiac Calcium Scoring**

TD170.314.a.1 – 3: Electronically Access Orders – Ambulatory Setting

Revised Orders Test Data - Set 1

Revised Medication Orders List

- Zocor **80 mg** tablet, Disp #30, Sig: Take 1 tablet PO, QHS, 1 Refill
- Nuprin 200 mg, Disp #20, Sig: Take 1 tablet **q8h**, 0 Refills

Revised Laboratory Orders List

- Gas Panel in Arterial Blood
- Fasting Glucose, **two times in 2 weeks**

Revised Radiology/Imaging Orders List

- **MRI Spine** w/out contrast, indication: radiculopathy
- Ultrasound Vascular Study, indication: extremity swelling

Revised Orders Test Data - Set 2

Revised Medication Orders List

- Neurontin **400 mg**, Disp # 60, Sig: Take 1 tablet PO TID, 0 Refills
- Ativan 1 mg tablet, Disp # 30, Sig: Take 1 tablet PO TID, 1 Refill
- Amiodarone 200 mg tablet, Disp# 30, Sig: Take 1 tablet PO BID, 1 Refill

Revised Laboratory Orders List

- **Barbiturate Screen**
- Complete Blood Count (CBC) w/ Auto Differential
- CSF Analysis

Revised Radiology/Imaging Orders List

- MRI Brain w/out Contrast, indication: seizures
- **CT Screening Calcium Scoring**, indication: chest pain

Inpatient Setting Test Data

TD170.314.a.1 – 1: Electronically Record and Store Orders – Inpatient Setting

Orders Test Data Set 1

TD170.314.a.1 – 1.1: Medication Orders

- Tramadol (Ultram) 50 mg 1 tab PO Q 6 hrs PRN mild pain
- Famotidine (Pepcid) 20 mg IV Q 12 hrs. Change to PO when tolerating PO liquids.
- Diazepam 5 mg PO Q 6 hours PRN restlessness

TD170.314.a.1 – 1.2: Laboratory Orders

- Complete Blood Count w/ Auto Differential (CBC)
- Liver Function Test (TFT)
- Stool by Light Microscopy, Leukocytes presence

TD170.314.a.1 – 1.3: Radiology/Imaging Orders

- CT Colonography, indication: GI bleeding
- CT Orbits w/out contrast, indication: trauma

Orders Test Data Set 2

TD170.314.a.1 – 1.4: Medication Orders

- Flomax 0.4 mg1 PO QD
- Zegerid 20 mg 1 PO
- Tamazepan 15 mg 1 PO

TD170.314.a.1 – 1.5: Laboratory Orders

- CH50 Complement
- CBC Hemogram Panel

TD170.314.a.1 – 1.6: Radiology/Imaging Orders

- CT Chest w/out contrast, indication: UIP
- CT Pelvis w/out contrast, indication: muscle tear

TD170.314.a.1 – 2: Electronically Change Orders – Inpatient Setting

Orders Test Data Set 1

TD170.314.a.1 – 2.1: Medication Orders

Change the Tramadol order from PO Q 6 hrs PRN to **PO Q 8 hrs PRN**

Discontinue the Diazepam order

Change the Famotidine order from 20 mg IV Q 12 hrs to **40 mg IV Q 12 hrs**

TD170.314.a.1 – 2.2: Laboratory Orders

Discontinue the Stool by Light Microscopy, Leukocytes presence

Change the CBC w/ auto differential to CBC w/ reflex manual differential

TD170.314.a.1 – 2.3: Radiology/Imaging Orders

Change the CT Colonography to **CT Enterography**

Cancel the CT Orbits w/out contrast

Orders Test Data Set 2

TD170.314.a.1 – 2.4: Medication Orders

Change the Zegerid from 20 mg tablet to **40 mg tablet**

Discontinue the Flomax

TD170.314.a.1 – 2.5: Laboratory Orders

Change the CBC Hemogram Panel to **CBC w/ Auto Differential**

Cancel the CH50 Complement

TD170.314.a.1 – 2.3: Radiology/Imaging Orders

Change the CT Chest w/out contrast to **CT Chest High Resolution, no contrast**

Cancel the CT Pelvis w/out contrast

TD170.314.a.1 – 3: Electronically Access Orders – Inpatient Setting

Revised Orders Test Data – Set 1

TD170.314.a.1 – 1.1: Medication Orders

- Tramadol (Ultram) 50 mg 1 tab **PO Q 8 hrs PRN** mild pain
- Famotidine (Pepcid) **40 mg** IV Q 12 hrs. Change to PO when tolerating PO liquids.

TD170.314.a.1 – 1.2: Laboratory Orders

- Complete Blood Count (CBC) **w/ reflex manual differential**
- Liver Function Test (TFT)

TD170.314.a.1 – 1.3: Radiology/Imaging Orders

- CT **Enterography**, indication: GI bleeding

Revised Orders Test Data – Set 2

TD170.314.a.1 – 1.4: Medication Orders

- Zegerid **40 mg** 1 PO
- Tamazepan 15 mg 1 PO

TD170.314.a.1 – 1.5: Laboratory Orders

- CBC **w/ auto differential**

TD170.314.a.1 – 1.6: Radiology/Imaging Orders

- CT **Chest High Resolution, no contrast**, indication: UIP

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