

Test Data for §170.314(a)(5) Problem list

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

All status data and dates are Vendor-supplied; dates are to include month, day and year; no standard date format is required.

TD170.314.a.5 – 1: Electronically Record Problems – Ambulatory Setting

Using IHTSDO SNOMED CT® Codes

- Coronary arteriosclerosis, SNOMED CT Code: 53741008, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 10, 2012)
- Benign prostatic hyperplasia, SNOMED CT Code: 266569009, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. July 23, 2011)
- Atrial fibrillation, SNOMED CT Code: 49436004, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 4, 2012)
- Diabetic neuropathy, SNOMED CT Code: 230572002, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 30, 2012)
- Generalized obesity, SNOMED CT Code: 238134004, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. December 16, 2010)

Using US Extension to SNOMED CT® Codes

- Moderate left ventricular systolic dysfunction, US Extension to SNOMED CT Code: 981000124106, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 21, 2009)
- Persistent asthma, US Extension to SNOMED CT Code: 5281000124103, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. March 21, 2011)

TD170.314.a.5 – 2: Electronically Change Problems – Ambulatory Setting

Change the **Status** of Benign prostatic hyperplasia from Vendor-supplied (e.g. Active) to Vendor-supplied (e.g. Resolved), **Date Changed:** Vendor-supplied (e.g. June 22, 2012)

Change the **Status** of Generalized obesity from Vendor-supplied (e.g. Active) to Vendor-supplied (e.g. Inactive), **Date Changed:** Vendor-supplied (e.g. August 2, 2012)

Change the **Status** of Persistent asthma from Vendor-supplied (e.g. Active) to Vendor-supplied (e.g. Inactive), **Date Changed:** Vendor-supplied (e.g. June 24, 2012)

Revised Problem List

Using IHTSDO SNOMED CT® Codes

- Coronary arteriosclerosis, SNOMED CT Code: 53741008, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 10, 2012)
- Benign prostatic hyperplasia, SNOMED CT Code: 266569009, **Status:** Vendor-supplied (e.g. Resolved), Date Diagnosed: Vendor-supplied (e.g. July 23, 2011), **Date Changed:** Vendor-supplied (e.g. June 22, 2012)

- Atrial fibrillation, SNOMED CT Code: 49436004, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 4, 2012)
- Diabetic neuropathy, SNOMED CT Code: 230572002, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 30, 2012)
- Generalized obesity, SNOMED CT Code: 238134004, **Status:** Vendor-supplied (e.g. Inactive), Date Diagnosed: Vendor-supplied (e.g. December 16, 2010), **Date Changed:** Vendor-supplied (e.g. August 2, 2012)

Using US Extension to SNOMED CT® Codes

- Moderate left ventricular systolic dysfunction, US Extension to SNOMED CT Code: 981000124106, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 21, 2009)
- Persistent asthma, US Extension to SNOMED CT Code: 5281000124103, Status: Vendor-supplied (e.g. Inactive), Date Diagnosed: Vendor-supplied (e.g. March 21, 2011), **Date Changed:** Vendor-supplied (e.g. June 24, 2012)

TD170.314.a.5 – 3a: Electronically Access Problems – Ambulatory Setting

Active Problems only

Using IHTSDO SNOMED CT® Codes

- Coronary arteriosclerosis, SNOMED CT Code: 53741008, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 10, 2012)
- Atrial fibrillation, SNOMED CT Code: 49436004, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 4, 2012)
- Diabetic neuropathy, SNOMED CT Code: 230572002, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 30, 2012)

Using US Extension to SNOMED CT® Codes

- Moderate left ventricular systolic dysfunction, US Extension to SNOMED CT Code: 981000124106, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 21, 2009)

TD170.314.a.5 – 3b: Electronically Access Problem History – Ambulatory Setting

List of all Problems

Using IHTSDO SNOMED CT[®] Codes

- Coronary arteriosclerosis, SNOMED CT Code: 53741008, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 10, 2012)
- Benign prostatic hyperplasia, SNOMED CT Code: 266569009, Status: Vendor-supplied (e.g. Resolved), Date Diagnosed: Vendor-supplied (e.g. July 23, 2011), Date Changed: Vendor-supplied (e.g. June 22, 2012)
- Atrial fibrillation, SNOMED CT Code: 49436004, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 4, 2012)
- Diabetic neuropathy, SNOMED CT Code: 230572002, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. April 30, 2012)
- Generalized obesity, SNOMED CT Code: 238134004, Status: Vendor-supplied (e.g. Inactive), Date Diagnosed: Vendor-supplied (e.g. December 16, 2010) Date Changed: Vendor-supplied (e.g. August 2, 2012)

Using US Extension to SNOMED CT[®] Codes

- Moderate left ventricular systolic dysfunction, US Extension to SNOMED CT Code: 981000124106, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. May 21, 2009)
- Persistent asthma, US Extension to SNOMED CT Code: 5281000124103, Status: Vendor-supplied (e.g. Inactive), Date Diagnosed: Vendor-supplied (e.g. March 21, 2011), **Date Changed:** Vendor-supplied (e.g. June 24, 2012)

Inpatient Setting Test Data

All status data and dates are Vendor-supplied; dates are to include month, day and year; no standard date format is required.

TD170.314.a.5 – 4: Electronically Record Problems – Inpatient Setting

Using IHTSDO SNOMED CT[®] Codes

- Bacterial Pneumonia, SNOMED CT Code: 53084003, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. March 19, 2012)
- Menopausal Depression, SNOMED CT Code: 84788008, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. October 20, 2011)

- Asthma, SNOMED CT Code: 195967001, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. February 4, 2011)
- Osteoporosis, SNOMED CT Code: 64859006, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. March 2, 2011)
- Diabetes Mellitus Type II, SNOMED CT Code: 44054006, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. January 30, 2012)

Using US Extension to SNOMED CT® Codes

- Complex ovarian cyst, US Extension to SNOMED CT Code: 421000119103, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. June 4, 2011)
- Compression fracture of thoracic vertebra, US Extension to SNOMED CT Code: 5301000124104, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. November 21, 2011)

TD170.314.a.5 – 5: Electronically Change Problems – Inpatient Setting

Change the **Status** of Bacterial Pneumonia from Vendor-supplied (e.g. Active) to Vendor-supplied (e.g. Resolved), **Date Changed:** Vendor-supplied (e.g. March 29, 2012)

Change the **Status** of Menopausal Depression from Vendor-supplied (e.g. Active) to Vendor-supplied (e.g. Inactive), **Date Changed:** Vendor-supplied (e.g. November 20, 2011)

Change the **Status** of Complex ovarian cyst from Vendor-supplied (e.g. Active) to Vendor-supplied (e.g. Resolved), **Date Changed:** Vendor-supplied (e.g. August 31, 2011)

Revised Problem List

Using IHTSDO SNOMED CT® Codes

- Bacterial Pneumonia, SNOMED CT Code: 53084003, **Status:** Vendor-supplied (e.g. Resolved), Date Diagnosed: Vendor-supplied (e.g. March 19, 2012), **Date Changed:** Vendor-supplied (e.g. March 29, 2012)
- Menopausal Depression, SNOMED CT Code: 84788008, **Status:** Vendor-supplied (e.g. Inactive), Date Diagnosed: Vendor-supplied (e.g. October 20, 2011), **Date Changed:** Vendor-supplied (e.g. November 20, 2011)
- Asthma, SNOMED CT Code: 195967001, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. February 4, 2011)
- Osteoporosis, SNOMED CT Code: 64859006, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. March 2, 2011)
- Diabetes Mellitus Type II, SNOMED CT Code: 44054006, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. January 30, 2012)

Using US Extension to SNOMED CT® Codes

- Complex ovarian cyst, US Extension to SNOMED CT Code: 421000119103, **Status:** Vendor-supplied (e.g. Resolved), **Date Diagnosed:** Vendor-supplied (e.g. June 4, 2011), **Date Changed:** Vendor-supplied (e.g. August 31, 2011)
- Compression fracture of thoracic vertebra, US Extension to SNOMED CT Code: 5301000124104, **Status:** Vendor-supplied (e.g. Active), **Date Diagnosed:** Vendor-supplied (e.g. November 21, 2011)

TD170.314.a.5 – 6a: Electronically Access Problems – Inpatient Setting

Active Problems only

Using IHTSDO SNOMED CT® Codes

- Asthma, SNOMED CT Code: 195967001, **Status:** Vendor-supplied (e.g. Active), **Date Diagnosed:** Vendor-supplied (e.g. February 4, 2011)
- Osteoporosis, SNOMED CT Code: 64859006, **Status:** Vendor-supplied (e.g. Active), **Date Diagnosed:** Vendor-supplied (e.g. March 2, 2011)
- Diabetes Mellitus Type II, SNOMED CT Code: 44054006, **Status:** Vendor-supplied (e.g. Active), **Date Diagnosed:** Vendor-supplied (e.g. January 30, 2012)

Using US Extension to SNOMED CT® Codes

- Compression fracture of thoracic vertebra, US Extension to SNOMED CT Code: 5301000124104, **Status:** Vendor-supplied (e.g. Active), **Date Diagnosed:** Vendor-supplied (e.g. November 21, 2011)

TD170.314.a.5 – 6b: Electronically Access Problem History – Inpatient Setting

List of all Problems

Using IHTSDO SNOMED CT® Codes

- Bacterial Pneumonia, SNOMED CT Code: 53084003, **Status:** Vendor-supplied (e.g. Resolved), **Date Diagnosed:** Vendor-supplied (e.g. March 19, 2012), **Date Changed:** Vendor-supplied (e.g. March 29, 2012)
- Menopausal Depression, SNOMED CT Code: 84788008, **Status:** Vendor-supplied (e.g. Inactive), **Date Diagnosed:** Vendor-supplied (e.g. October 20, 2011), **Date Changed:** Vendor-supplied (e.g. November 20, 2011)
- Asthma, SNOMED CT Code: 195967001, **Status:** Vendor-supplied (e.g. Active), **Date Diagnosed:** Vendor-supplied (e.g. February 4, 2011)

- Osteoporosis, SNOMED CT Code: 64859006, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. March 2, 2011)
- Diabetes Mellitus Type II, SNOMED CT Code: 44054006, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. January 30, 2012)

Using US Extension to SNOMED CT® Codes

- Complex ovarian cyst, US Extension to SNOMED CT Code: 421000119103, Status: Vendor-supplied (e.g. Resolved), Date Diagnosed: Vendor-supplied (e.g. June 4, 2011), Date Changed: Vendor-supplied (e.g. August 31, 2011)
- Compression fracture of thoracic vertebra, US Extension to SNOMED CT Code: 5301000124104, Status: Vendor-supplied (e.g. Active), Date Diagnosed: Vendor-supplied (e.g. November 21, 2011)

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