

## Test Data for 170.314(f)(5) Cancer case information – ambulatory setting only

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.

### Cancer Case Information Test Case – 1

#### **TD170.314.f.5 – 1: Electronically Record Cancer Case Information**

Cancer Case Information is recorded for a patient.

TD 170.314.f.5 – 1.1: Record 1<sup>st</sup> Cancer Case Information

- Digital rectal exam: Nodular, hard prostate noted
- PSA Score: 7
- Sextant Biopsy: Adenocarcinoma, Grade 1, in 1 of 6 core biopsies
- Diagnosis: Adenocarcinoma of Prostate

TD 170.314.f.5 – 1.2: Record 2<sup>nd</sup> Cancer Case Information

- Physical Exam: Within normal limits, no swelling, soreness, or enlargement
- Diagnostic Tests: Blood smear and bone marrow aspiration
- Diagnosis: Indolent Chronic Lymphocytic Leukemia

TD 170.314.f.5 – 1.3: Record 3<sup>rd</sup> Cancer Case Information

- Physical Exam: Irregularly shaped, 3 cm ulcerated pigmented lesion located on left upper back and enlarged axillary lymph nodes
- Chest x-ray: Irregular mass in the left upper lobe of the lung
- Diagnosis: Malignant melanoma with possible metastasis to lymph nodes and the lung

**TD170.314.f.5 – 2: Electronically Change Cancer Case Information**

The physician changes the Cancer Case Information recorded for the patient in the EHR.

TD170.314.f.5 – 2.1: Change 1<sup>st</sup> Cancer Case Information: Mark words in the information as error and enter replacement words.

*(Strikethrough is used only to indicate to the Tester and Vendor which words are error and does not prescribe how the EHR is to mark the words as error)*

- Digital rectal exam: ~~Nodular, hard~~, Normal prostate noted
- PSA Score: ~~7~~ 2
- ~~Sextant Biopsy: Adenocarcinoma, Grade 1, in 1 of 6 core biopsies~~
- Diagnosis: ~~Adenocarcinoma of~~ Normal Prostate, no evidence of Adenocarcinoma

TD170.314.f.5 – 2.2: Change 2<sup>nd</sup> Cancer Case Information: Add words to the Information

- Physical Exam: Within normal limits, no swelling, soreness, or enlargement
- **Reported Symptoms: Continuous fatigue, weight loss**
- Diagnostic Tests: Blood smear and bone marrow aspiration
- Diagnosis: Indolent Chronic Lymphocytic Leukemia

TD170.314.f.5 – 2.3: Change 3<sup>rd</sup> Cancer Case Information: Mark all information as having been entered in error.

*(Strikethrough is used only to indicate to the Tester and Vendor that the entire note is to be marked as error and does not prescribe how the EHR is to mark the note as error)*

- ~~Physical Exam: Irregularly shaped, 3 cm ulcerated pigmented lesion located on left upper back and enlarged axillary lymph nodes~~
- ~~Chest x-ray: Irregular mass in the left upper lobe of the lung~~

- ~~Diagnosis: Malignant melanoma with possible metastasis to lymph nodes and the lung~~

### **TD170.314.f.5 – 3: Electronically Access Cancer Case Information**

A user accesses and displays the patient's previously entered Cancer Case Information in the EHR.

#### TD170.314.f.5 – 3.1: Access 1<sup>st</sup> Cancer Case Information

- Digital rectal exam: Normal prostate noted
- PSA Score: 2
- Diagnosis: Normal Prostate, no evidence of Adenocarcinoma

#### TD170.314.f.5 – 3.2: Access 2<sup>nd</sup> Cancer Case Information

- Physical Exam: Within normal limits, no swelling, soreness, or enlargement
- Reported Symptoms: Continuous fatigue, weight loss
- Diagnostic Tests: Blood smear and bone marrow aspiration
- Diagnosis: Indolent Chronic Lymphocytic Leukemia

TD170.314.f.5 – 3.3: Access 3<sup>rd</sup> Cancer Case Information: All information has been marked as entered in error.

*(Strikethrough is used only to indicate to the Tester and Vendor that the entire note is to be marked as error and does not prescribe how the EHR is to mark the note as error)*

- ~~Physical Exam: Irregularly shaped, 3 cm ulcerated pigmented lesion located on left upper back and enlarged axillary lymph nodes~~
- ~~Chest x-ray: Irregular mass in the left upper lobe of the lung~~
- ~~Diagnosis: Malignant melanoma with possible metastasis to lymph nodes and the lung~~