§170.315(f)(6) Transmission to public health agencies – antimicrobial use and resistance reporting

2015 Edition Test Procedure

Version 1.0 Updated on 01-20-2016

Revision History

Version #	Description of Change	Version Date
1.0	Final Test Procedure	01-20-2016

Regulation Text

Regulation Text

§170.315 (f)(6) *Transmission to public health agencies – antimicrobial use and resistance reporting—*

Create antimicrobial use and resistance reporting information for electronic transmission in accordance with the standard specified in §170.205(r)(1).

Standard(s) Referenced

Applies to entire criterion

§ 170.205(r)(1) HL7 Implementation Guide for CDA® Release 2 – Level 3: Healthcare Associated Infection Reports, Release 1, U.S. Realm, August 2013

Technology is only required to conform to the following sections of the implementation guide:
(i) HAI Antimicrobial Use and Resistance (AUR) Antimicrobial Resistance Option (ARO) Report (Numerator) specific document template in Section 2.1.2.1 (pages 69-72);
(ii) Antimicrobial Resistance Option (ARO) Summary Report (Denominator) specific document template in Section 2.1.1.1 (pages 54-56); and
(iii) Antimicrobial Use (AUP) Summary Report (Numerator and Denominator) specific document template in Section 2.1.1.2 (pages 56-58)

Please consult the Final Rule entitled: 2015 Edition Health Information Technology (Health IT) Certification Criteria, 2015 Edition Base Electronic Health Record (EHR) Definition, and ONC Health IT Certification Program Modifications for a detailed description of the certification criterion with which these testing steps are associated. We also encourage developers to consult the Certification Companion Guide in

tandem with the test procedure as they provide clarifications that may be useful for product development and testing.

Note: The order in which the test steps are listed reflects the sequence of the certification criterion and does not necessarily prescribe the order in which the test should take place.

Testing components

Paragraph (f)(6)

System Under Test

1. The Health IT Module creates Antimicrobial use and resistance reporting information in accordance with the following sections of the standard specified at § 170.205(r)(1) HL7 Implementation Guide for CDA® Release 2 – Level 3: Healthcare Associated Infection (HAI) Reports, Release 1:
   - HAI Antimicrobial Use and Resistance (AUR) Antimicrobial Resistance Option Report (Numerator), document template in Section 2.1.2.1;
   - Antimicrobial Resistance Option (ARO) Summary Report (Denominator), document template in Section 2.1.1.1; and
   - Antimicrobial Use (AUP) Summary Report (Numerator and Denominator), document template in Section 2.1.1.2.

Test Lab Verification

1. The tester reviews the validation report and verifies that the documents generated are correct and without omission, reflecting the data entered into the Health IT Module, using value sets specified by the HL7 HAI Reports implementation guide.
2. The tester imports each antimicrobial use and resistance reporting document into the test tool for validation and uses the Validation Report produced by the test tool to verify the report indicates passing without error to confirm that the Antimicrobial use and resistance reporting document is conformant to the specified templates of the § 170.205(r)(1).

Content last reviewed on September 21, 2018