

2015 Edition §170.315(g)(7) Application Access – patient selection					
Testing Components:					
Test Procedure Version 1.1 – Last Updated 10/29/15					

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*

### Required Tests

**(g)(7)** The following technical outcome and conditions must be met through the demonstration of an application programming interface (API).

**(i) Functional requirement**

The technology must be able to receive a request with sufficient information to uniquely identify a patient and return an ID or other token that can be used by an application to subsequently execute requests for that patient’s data.

**Standard(s):** None

Criteria ¶	System Under Test	Test Lab Verification
(i)	1. The user demonstrates that when the Health IT module’s identified API receives a request from a third party API with enough information about a patient to identify that patient, the Health IT module’s API returns an ID or other patient token to the requesting API.	1. The tester verifies the Health IT module’s API can receive a query from the developer’s identified application for a specific patient ID or other token that can be used by the identified application to subsequently execute requests for that patient’s data. 2. The tester verifies that the Health IT module’s API returns a specific patient ID or other token that can be used by an application to subsequently execute requests for that patient’s data.

**(ii) Documentation**

The API must include accompanying documentation that contains, at a minimum:

(A) API syntax, function names, required and optional parameters and their data types, return variables and their types/structures, exceptions and exception handling methods and their returns.

(B) The software components and configurations that would be necessary for an application to implement in order to be able to successfully interact with the API and process its response(s).

(C) Terms of use. The terms of use for the API must be provided, including, at a minimum, any associated developer policies and required developer agreements.

**Standard(s):** None

Criteria ¶	System Under Test	Test Lab Verification
(ii)(A)	<p>The Health IT module supplies documentation describing the API with the intended audience of developers and includes at a minimum:</p> <ul style="list-style-type: none"> <li>• API syntax;</li> <li>• function names;</li> <li>• required and optional parameters and their data types;</li> <li>• return variables and their types/structures; and</li> <li>• exceptions and exception handling methods and their returns.</li> </ul>	<p>The tester verifies that the supplied documentation for the Health IT Module's API definition is accurate and that it matches the version of the software release.</p>
(ii)(B)	<p>The Health IT module supplies accompanying documentation describing the Health IT module's API implementation requirements with the intended audience of developers, includes at a minimum:</p> <ul style="list-style-type: none"> <li>• The software components and configurations that would be necessary for an application to implement in order to be able to successfully interact with the API and process its response(s).</li> </ul>	<p>The tester verifies that the supplied documentation for interfacing with the Health IT module's API (including both the software components and the configuration) is accurate and without omission and that it matches the version of the software release.</p>
(ii)(C)	<p>The Health IT module supplies accompanying Terms of Use includes at a minimum:</p> <ul style="list-style-type: none"> <li>• The terms of use for the API; and</li> <li>• Any associated developer policies and required developer agreements.</li> </ul>	<p>The tester verifies the supplied documentation contains The Terms of use and that it matches the version of the software release.</p>

### Document History

Version Number	Description of Change	Date
1.0	Released for Comment - NPRM	March 31, 2015
1.1	Released for Comment - FR	October 29, 2015

Dependencies: For all related and required criteria, please refer to the [Master Table of Related and Required Criteria](#).