

Inferno Tech Talk – March 2024

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Inferno Tech Talk Introduction

- Purpose: to provide regularly scheduled updates on the Inferno tool and its implementation of the (g)(10) test procedure
- Typical agenda to include:
 - Announcements about upcoming releases
 - Training on new features
 - Highlight outstanding issues or known problems
 - Open discussion
- Monthly recurrence: 2nd Wednesday at 1PM ET
- This call is being recorded and will be posted on <https://inferno.healthit.gov/events/>

Content reflects Inferno's implementation of applicable Test Procedure and does not necessarily reflect ONC policy.

Today's Agenda

- (g)(10) Standardized API Test Kit v5.2.0
- New Inferno Test Kits
 - DaVinci US Drug Formulary Test Kit
 - DaVinci Plan Net Test Kit
 - Bulk Data Access Test Kit
- Discussions / Questions

ONC (g)(10) Standardized API Test Kit v5.2.0


- Test Update:
 - Changes that may result in new failure: 2
 - Changes that do not result in new failure: 2

(g)(10): Patient's previous name and address

name	S C	1..*	HumanName	(USCDI) A name associated with the patient us-core-6: At least name.given and/or name.family are present or, if neither present.
use		0..1	code	(USCDI) usual official temp nickname anonymous old maiden
family	S C	0..1	string	(USCDI) Family name (often called 'Surname')
given	S C	0..*	string	(USCDI) Given names (not always 'first'). Includes middle names
suffix		0..*	string	(USCDI) Parts that come after the name
period		0..1	Period	(USCDI) Time period when name was/is in use

- Previous name is represented by setting `Patient.name.use` to "old" or providing an end date in `Patient.name.period` or doing both.

(g)(10): Patient's previous name and address

- What's changed:
 - Patient MustSupport Test
 - Patient.name.period  Patient.name.period.end
- Affected US Core versions:
 - US Core v3.1.1
 - US Core v4.0.0
 - ~~US Core v5.0.1(*)~~
 - US Core v6.1.0

(g)(10): Token Revocation

(vi) *Patient authorization revocation.* A Health IT Module's authorization server must be able to revoke and must revoke an authorized application's access at a patient's direction within 1 hour of the request.

(g)(10) v5.1.0

9.3 Token Revocation

Demonstrate the Health IT module is capable of revoking access granted to an application.

(g)(10) v5.2.0

9.3 Token Revocation

[▶ RUN TESTS](#)

Demonstrate the Health IT module is capable of revoking access granted to an application at the direction of a patient. Access to the application must be revoked within one hour of the patient's request.

(g)(10): Token Revocation

v5.1.0

Prior to executing test, Health IT developer demonstrated revoking tokens provided during patient standalone launch.

(required) *

Yes No

v5.2.0

The Health IT developer demonstrated a patient's request for revoking the tokens provided during the patient standalone launch within the last hour (required)

Yes No

(g)(10): Device type codes in Bulk Data validation

Comma separated list of every Patient ID that is in the specified Group. This information is provided by the system under test to verify that data returned matches expectations. Leave blank to not verify Group inclusion.

Implantable Device Type Codes in exported Group

- What's changed
 - v5.1.0: Bulk Data validation test failed if a Device in export does not have a matched type code
 - v5.2.0: Bulk Data validation test ignores Device resources in export which do not have matched type code

(g)(10): PractitionerRole in Bulk Data validation

- What's Changed:
 - v5.1.0: Bulk Data validation test fails for PractitionerRole export
 - v5.2.0: Bulk Data validation locates US Core PractitionerRole profile and proceeds to validation
- Affected US Core version
 - US Core v6.1.0

New Inferno Test Kits

- DaVinci US Drug Formulary Test Kit
- DaVinci Plan Net Test Kit
- Bulk Data Access Test Kit

Open Discussion / Feedback

Resources and Contact Information

- <https://inferno.healthit.gov/>
 - General materials & live demonstration server
- <https://github.com/onc-healthit/onc-certification-g10-test-kit/>
 - ONC Certification tests repository, downloads, issues
 - “Watch” repository to receive alerts (new releases, etc)
 - Note: this repository is specific to ONC Certification testing
- <https://groups.google.com/forum/#!forum/inferno-testing>
 - Announcements & community discussion
- inferno@groups.mitre.org (or rscanlon@mitre.org)
- Also, FHIR Zulip Chat: <https://chat.fhir.org/#narrow/stream/179309-inferno>

Upcoming Meetings

- Next Inferno Tech Talk: **Wednesday April 10** at 1 PM ET
- Please reach out with questions & issues