Inferno Tech Talk – Nov 2023

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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

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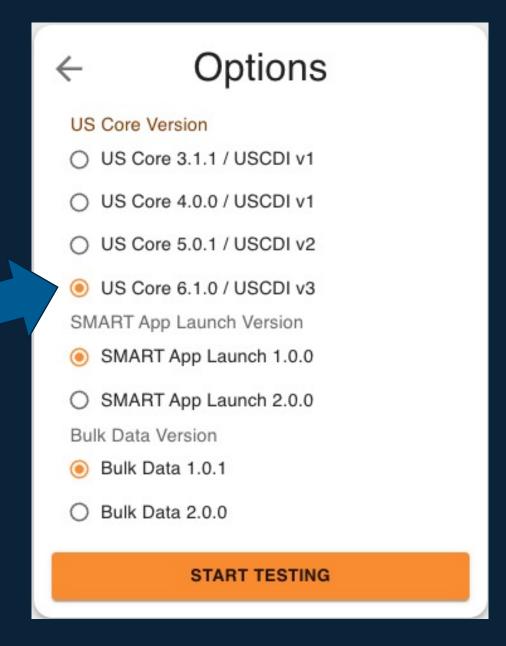
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Today's Agenda

- (g)(10) Standardized API Test Kit v4.0.0

- Discussions / Questions

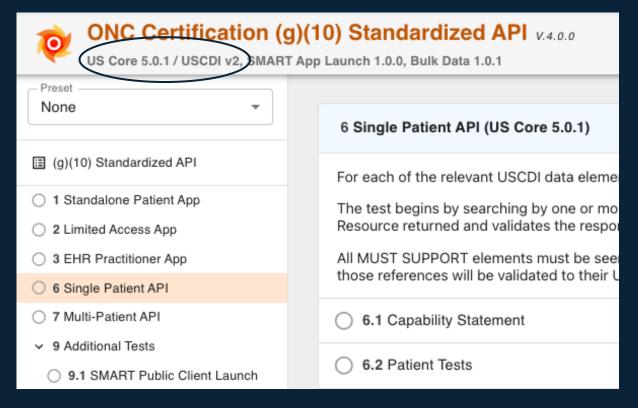# ONC (g)(10) Standardized API Test Kit v4.0.0

- Major Update:

  - Support ONC SVAP 2023

    - USCDI v3 / US Core v6.1.0

  - Updates terminology to UMLS 2023AA and to support US Core v6.1.0 relevant ValueSets
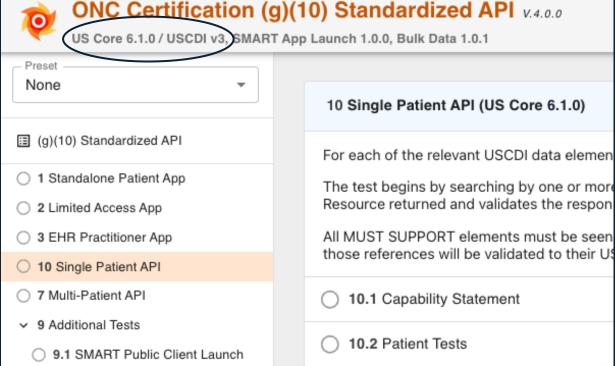
- Other Updates: 2

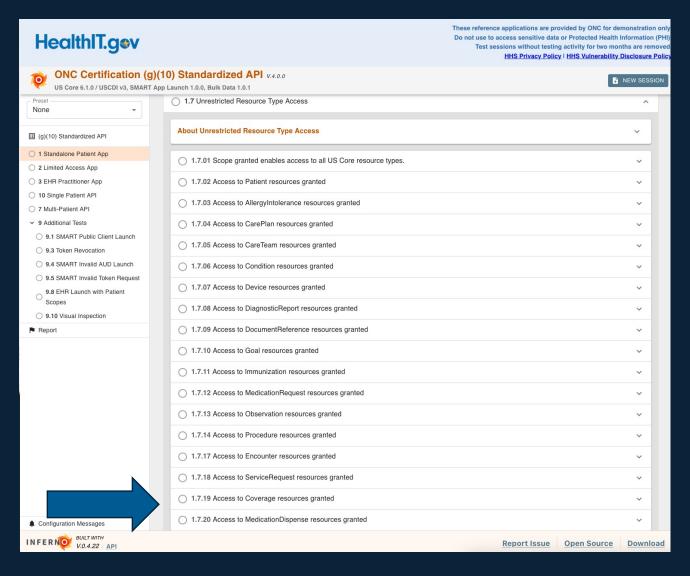# ONC SVAP 2023

- USCDI v3 / US Core v6.1.0
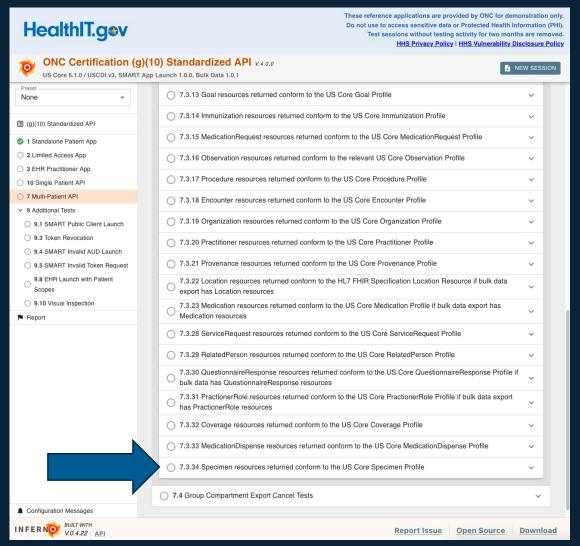
New Test Group ID

This update is mostly isolated to new Single Patient API test group, which includes the US Core v6.1.0 tests for new profiles, resources and associated search parameters

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New tests added elsewhere as needed for new resources

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Other Updates (1/2)

- Change required_resources to required_profiles ([#462](#)).

- US Core v4.0.0 and above

  - US Core IG 2.2.2 Conforming to US Core

    - SHALL specify the full capability details from the US Core CapabilityStatement it claims to implement.

    - Declare support for the US Core Profile by including its official URL in the server's CapabilityStatement.rest.resource.supportedProfile element

5.1.05 Capability Statement lists support for required US Core Profiles

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Other Updates (2/2)

- Medication inclusion test for MedicationRequest and MedicationDispense ([#463](#463)).

- .../MedicationRequest?xyz&_include=MedicationRequest:medication

  - Old test behavior:

    - Verifies that Bundle has Medication resource(s)

  - New test behavior:

    - Verifies that Bundle has Medication resource(s)

    - Verifies that Medication resources in the Bundle match the references used in MedicationRequest.medicationReference

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Additional Notes

- **Users with a local installation:**

  - Must re-run terminology build process because of additional value sets and new UMLS version; please reach out on Zulip or GitHub Issues if experiencing any issues with this

  - No changes intended for Inferno API users; existing test IDs remain stable

- **Awaiting official publication of the Test Procedure to provide a mapping between tests and the updated Test Procedure**

- **Certification test options for US Core v.5.0.1 are expected to be removed in January release. (SVAP Fact Sheet)**

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Open Discussion / Feedback

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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 December 13 at 1 PM ET

- Please reach out with questions & issues

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