

David Strube - dstrube3@gatech.edu - CS 6440 - Intro to Health Informatics - Lab #3.2 - Cerner SMART on FHIR - 2021-03-07

My app in the SMART on FHIR sandbox

Patient Name: Jonathan Hermiston Gender: male DOB: 1946-02-03

Height	179.26 cm	Weight	93.48 kg	Systolic Blood Pressure	165.28 mm[Hg]	Diastolic Blood Pressure	112.74 mm[Hg]	LDL	undefined
HDL	61.95 mg/dL								

Add an Annotation for the Weight Observation

Add

Latest Annotation

- Author: dstrube3; Datetime: 2021-03-07T16:50:09+5:00 - this is a test annotation

Medication Requests

- Amoxicillin 250 MG / Clavulanate 125 MG Oral Tablet, 60 ACTUAT Fluticasone propionate 0.25 MG/ACTUAT / salmeterol 0.05 MG/ACTUAT Dry Powder Inhaler, Naproxen sodium 220 MG Oral Tablet, Hydrochlorothiazide 25 MG, Galantamine 4 MG Oral Tablet

<https://github.gatech.edu/pages/dstrube3/lab-3-2/>

My app in the Cerner sandbox

The screenshot shows a web browser window with the Cerner Developer Portal. The address bar displays the URL: code.cerner.com/developer/smart-on-fhir/apps/4394cd80-88a9-46d1-a082-c8339741e19b. The page title is "Lab3.2_dstrube3". On the left, there is a purple square icon with a white letter 'L'. To the right of the icon, the text reads: "Test Lab3.2_dstrube3", "Click Begin Testing to create a testing environment", and a blue "Begin Testing" button. Below this, the "App Info" section lists: "Client Id: 9ebe098c-e0d0-45de-a704-7ac22d9a4a6a", "App Id: 4394cd80-88a9-46d1-a082-c8339741e19b", "SMART Launch URI: https://github.gatech.edu/pages/dstrube3/lab-3-2/launch.html", and "Redirect URI: https://github.gatech.edu/pages/dstrube3/lab-3-2/". Further down, it specifies "App Type: provider", "FHIR Spec: r4 - \"https://fhir-ehr-code.cerner.com/r4/ec2458f2-1e24-41c8-b71b-0e701af7583d\"", and "Authorized: true". A "Standard Scopes" list includes: launch, profile, fhirUser, openid, and online_access. A "Patient Scopes" list includes: patient/Observation.read and patient/Patient.read. At the bottom, there are two buttons: "Edit Details" (with a pencil icon) and "Delete App" (with a trash icon).

code Profile My Apps dstrube3@gatech.edu | Logout

Lab3.2_dstrube3

Test Lab3.2_dstrube3
Click Begin Testing to create a testing environment

[Begin Testing](#)

App Info

Client Id: 9ebe098c-e0d0-45de-a704-7ac22d9a4a6a
App Id: 4394cd80-88a9-46d1-a082-c8339741e19b
SMART Launch URI: https://github.gatech.edu/pages/dstrube3/lab-3-2/launch.html
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App Type: provider
FHIR Spec: r4 - "https://fhir-ehr-code.cerner.com/r4/ec2458f2-1e24-41c8-b71b-0e701af7583d"
Authorized: true

Standard Scopes:
launch
profile
fhirUser
openid
online_access

Patient Scopes:
patient/Observation.read
patient/Patient.read

[Edit Details](#)

[Delete App](#)

<https://code.cerner.com/developer/smart-on-fhir/apps/4394cd80-88a9-46d1-a082-c8339741e19b>

What type of observation does Cerner support for the UPDATE functionality in its R4 standard?

Laboratory is currently the only supported update method for Cerner by way of the Observation resource. Other resource types that allow for updates are: DocumentReference, AllergyIntolerance, Condition, Immunization, and Appointment; but Laboratory is all that is available for Observation.

SMART on FHIR app launcher URL:

https://github.gatech.edu/pages/dstrube3/lab-3-2/?code=eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJjb250ZjXh0ljp7Im5lZWRFcGF0aWVuZF9iYW5uZXliOnRydWUsInNtYXJ0X3N0eWxlIX3VyYmCl6Imh0dHBzOi8vbGF1bmNoLnNtYXJ0aGVhbHRoaXQub3JnL3NtYXJ0LXN0eWxlLmpzb24iLCJwYXRpZW50IjoieMmNkYTZhYWQtZTQwOS00MDcwLTlhMTUtZTFjMzVjNDZlZDVhliwiZW5jb3VudGVyIjoieMWUzOGI3NzEtZWE4Ny00MzQzLWE1YTgtNjAwMjlzNzRjYmFhbn0slmNsaWVuZF9pZCI6IjllYmUwOThjLWUwZDAtdNDVkZS1hNzA0LTdhYzlyZDIhNGE2YSIsInNjb3BlIjoicGF0aWVuZC9QYXRpZW50LnJlYWQgcGF0aWVuZC9PYnNlcuZhdGlvi5yZWFlGxhdW5jaCBvbmxpbmVfYWVNjZXNzIG9wZW5pZCBwcmlidWNlcil6IlByYWN0aXRpb25lci81MjkxOTA5OS02YTdhLTQ0MmMtYjBkNS0yYjAyYzBkZDRiNzQiLCJpYXQiOiE2MTUxNjY3OTYslmV4cCI6MTYxNTE2NzA5Nn0.XXchs dhmc_LB0bUYq9VGLfDxYwYYzrFfwc6UOPtkVOc&state=zcnIKzzajvv7fdW

URL to GitHub repository with updated code

<https://github.gatech.edu/dstrube3/lab-3-2>