
JIM JELLISON NATALIE VIATOR

jjellison@taskforce.org
404-687-5637

Required Skills:

(List skills needed) -
EHR vendor's FHIR sandbox and/or
SMART on FHIR app

Preferred Team

Communications:

Conference Call, Skype, WebEx /
GoToMeeting, Google Hangouts

Data Sources:

PHII will provide standards-based
CDS knowledge artifacts (CQL-
based logic, JSON-based value sets)
and related documentation. Georgia
Tech or other party must provide
synthetic patient data as well as
development and testing
environments.

Other Items:

Eastern time zone preferred

Team Info:

Developer, Analyst, DBA, Tester,
Project Manager. Allows one team
of 4-6 members.

IMPLEMENTING CLINICAL DECISION SUPPORT FOR GHONNOREHA TREATMENT GUIDELINES

The Public Health Informatics Institute (PHII) has partnered with the CDC's Division of STD Prevention and Apervita to develop standards-based clinical decision support (CDS) knowledge artifacts supporting gonorrhea treatment. PHII will provide these artifacts (Clinical Quality Language files for logic, Javascript Object Notation files for FHIR-based clinical concepts) to a student team to create a prototype application to test against synthetic patient data (not supplied).

PROJECT OBJECTIVES

- 1) Assess knowledge artifacts for gaps in logic or modeled concepts
 - 2) Assess level of effort for providing CDS to clinical EHR
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SUCCESSFUL PROJECT

To be discussed...

Intellectual Property: The CDS knowledge artifacts, while not yet formally published by CDC, are based on published CDC guidance however it is unclear how traditional IP approaches for CDC guidelines apply to machine-readable versions.