

PARADIGM® ELECTRONIC HEALTH INFORMATION (EHI) EXPORT DOCUMENTATION

The PARADIGM® FHIR Data Portability module provides authorized EHR users the ability to export the Electronic Health Information (EHI) of a patient or set of patients.

The Electronic Health Information (EHI) is exported in C-CDA and JSON formats.

This document provides guidance on the usage of the PARADIGM® FHIR Data Portability module.

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Export Details and Directory

Data is exported in a zip format (.zip) and contains standard CCDAs (.xml) as well as other available information for each patient included. Additional information is included in a JSON (.json) while information imported into the EHR will be included in the format in which it was received (ex PDF/PNG/etc).

The CCDAs will be titled by the patient code, 10000.xml for example. Any additional information will be titled by the information name and appended to the patient code, 10000_invoice history.json for example. Any files imported into the EHR, if present, will be included in a directory _addt_files appended to the patient code, 10000_addt_files for example.

Usage

The Data Portability module is reachable through the EHR System Reports by authorized users only. To include all available EHI, click the "include all Electronic Healthcare Information (EHI) for each patient in the set" checkbox.

Patient Search

Patient search is used to identify the unique patient code used to retrieve patient data. Sufficient information must be provided to uniquely identify a patient and at least one of the request parameters must be included.

Request: GET <https://api.qrshs.com/v1/patient/search>

❖ Request Headers

Name	Type	Required	Description
Authorization	Basic	required	Client ID and secret

❖ Request Parameters

Name	Type	Required	Description
first_name	string	conditional	First name
mid_name	string	conditional	Middle name
last_name	string	conditional	Last name
birthdate	date	conditional	Date of birth

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ssn	string	conditional	Social Security Number
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JSON Response Parameters:

Name	Type	Example
patient	string	"10006-111-20180823"

Error Messages:

Message	Description
auth_failure	Authentication failure
no_criteria	At least one request parameter must be included
non_unique_return	More than one patient identified, search must be refined
not_found	No patient found matching search criteria

Patient C-CDA

Patient C-is used to retrieve a C-CDA CCD document for a given patient. The return is an XML document unless an error is encountered, in which case the return will be in JSON format.

Request: GET <https://api.qrshs.com/v1/patient/ccda>

❖ Request Headers

Name	Type	Required	Description
Authorization	Basic	required	Client ID and secret

❖ Request Parameters

Name	Type	Required	Description
patient	string	required	Unique patient identifier
date	date	optional	Exact date of data to retrieve
start_date	date	optional	Start of date range for data
end_date	date	optional	End of date range for data

Error Messages:

Message	Description
auth_failure	Authentication failure
no_patient	A valid patient code is required
bad_date	Invalid date format – should be DDMMYYYY