MercyCare allows patients to access their clinical and claims data via industry standard FHIR APIs.   This data is available via the set of FHIR API servers listed below:

Data Type	FHIR Server Base URL	API Documentation
Pharmacy Claims	https://fhir.navitus.com/fhir/mercycare/	https://fhir.epic.com/
Clinical Data, Medical Claims	https://epicproxy.mhsjvl.org/FHIRproxy/api/FHIR	https://fhir.epic.com/

Access to these APIs servers is managed by a single OAuth 2.0 authorization server. This allows a patient to authorize your application once for all data managed by GHC, regardless of which API server contains the data. In OAuth 2.0 terms, this is using a single access token for two "audiences".

As an app developer, you have two options for connecting your app to these API servers:

[Preferred] Support one-time authorization for all data managed by MercyCare

This option provides for an improved patient experience, as the patient only needs to authorize your app once to allow your app to download data from both API servers. However, this does require your app to specifically support multiple API servers associated with a single authorization server.

To implement this option, your app should use the SMART on FHIR Standalone Launch sequence. The patient can authorize your app to access their data managed by MercyCare. Your app will be issued an access token granting access to the data authorized by the patient. Your app can use that access token to perform API calls against all API servers associated with MercyCare.

App Development Steps

1. Register your application on https://fhir.epic.com/.
    a. This registration will apply to all API servers.
    b. Register scopes for all APIs you want to access from any API server.
2. Implement the SMART on FHIR Standalone Launch flow in your app.
3. Load the API server endpoints you intend to connect to. You can select from the endpoints listed on https://open.epic.com/MyApps/Endpoints and the non-Epic endpoints listed above.

Note: For the convenience of the patient, you may want to group endpoints from the same organization in to one UI selection element. For example, the patient would see a UI element to connect to MercyCare, but your app would have a behind-the-scenes relationship between the patient-visible MercyCare and the list of API endpoints you will query for data.

Run-time Data Access Steps

1. Present the patient with the endpoints or organization they want to download their data from.

2. Initiate the SMART on FHIR Standalone Launch flow with the OAuth2 authorization server associated with the endpoint.
4. Perform API requests against each API server associated with the organization.
   a. Use the same access token issued during the Standalone Launch flow for both API servers.
   b. Use the same patient FHIR ID communicated during the Standalone Launch flow for both API servers.

[Discouraged] Require per-API server authorization.

This option provides a suboptimal user experience, as the patient must authorize your app for each API server independently.

To implement this option, your app would initiate the [SMART on FHIR Standalone Launch](#) flow once for each API server.