
FHIR API Documentation



Contents

Overview	6
Client Registration	6
Authentication	8
API Usage Policies and Data Synchronization Strategy	25
Rate Limiting	25
Export Content Polling	25
Data Synchronization Frequency	25
Errors and Exceptions	26
Resources	29
Patient	29
Observation	36
Body Height	37
Body Weight	39
Body Temperature	41
Blood Pressure	43
Heart Rate	46
Respiratory Rate	48
Smoking Status	50
Pulse Oximetry	52
Pediatric BMI for Age Observation	55
Pediatric Head Occipital-frontal Circumference Percentile	57
Pediatric Weight for Height Observation Profile	60
Laboratory Result Observation	62
Clinical Result Observation	65
Occupation	68
Alcohol History	71



Drug History	75
Sexual History	80
Education History	85
Sleep History	88
Diet History	92
Exercise History	96
Tanning History	100
Pregnancy Status (Observation)	104
Pregnancy Intent	107
Sexual Orientation	110
Screening Assessment – Assessment Forms	113
Screening Assessment – Custom Forms	116
Screening Assessment – Evaluations	119
Travel History	122
Practitioner	126
Practitioner (Practice Provider)	126
Practitioner (Referring Provider)	129
Practitioner Role.....	132
Practitioner Role (Practice Provider)	132
Practitioner Role (Referring Provider)	136
Endpoint.....	140
Endpoint (Practice)	140
Endpoint (Direct Address).....	143
AllergyIntolerance	146
Procedure	149
Encounter	152
CarePlan	156



Organization	159
Organization (Practice)	159
Organization (Payer Organization)	162
Organization (Pharmacy)	166
Device	169
Goal	172
Provenance	174
Document Reference	176
DocumentReference (Clinical Note Document)	176
DocumentReference (Result Attachements)	181
Location	185
Diagnostic Report	188
Diagnostic Report for Laboratory Results Reporting	188
Diagnostic Report for Report & Note Exchange	192
Care Team	196
Media	200
Condition	203
Condition – Problems and Health Concerns	203
Condition – Encounter Diagnosis	207
Pregnancy Status (Condition)	211
Coverage	214
Related Person	218
Questionnaire	221
Questionnaire – Evaluation	221
Questionnaire – Custom Form	230
Questionnaire – Assessment Form	235
Questionnaire Response	243



Questionnaire Response – Evaluation	243
Questionnaire Response – CustomForm	247
Questionnaire Response – Assessment	251
Immunization.....	254
Medication.....	257
Medication Request	259
Medication Dispense	263
Specimen	267
Service Request.....	270
Appointment	274



Overview

CureMD has implemented HL7 Fast Healthcare Interoperability Resources (FHIR) Standard for the smooth and uniform exchange of health records/data.

This Documentation provides the necessary API collection to facilitate the Health IT developers to build an integrated solution with CureMD, that meets requirements of ONC's (g)(10) certification criterion 'Standardized API for Patient and Population Services'.

Client Registration

To access the CureMD's FHIR Resources, Application Developers need to register their apps.

To register 3rd party applications, Application Developers are required to provide the following information to CureMD via an email:

Email: support@curemd.com

1. Application Name
2. App Homepage URL
3. URL to the App's Privacy Policy
4. URL to the App's Terms of Service
5. OAuth Redirect URL(s)
6. Web App Launch URL
7. Application Type (Provider facing or Patient facing)
8. SMART Scopes *e.g., patient/Condition.read, patient/Patient.read, etc.*
9. Supported Operating System
 - a. Web
 - b. iOS
 - c. Android
10. App Descriptions
 - a. App Icon
 - b. Short App Description
 - c. Long App Description



11. Select Categories that apply to your App

- a. Audience Category
 - i. Provider
 - ii. Patient
 - iii. Developer
- b. App Use Category
 - i. Health and Therapy Management
 - ii. Provider Care Coordination
 - iii. Clinical Applications
 - iv. Research
 - v. Data Monitoring Analysis
- c. Confidentiality
 - i. Confidential
 - ii. Public
- d. Privacy & Security Compliance
 - i. HIPAA
 - ii. ONC Model Privacy Notice

12. Attestation *e.g., Clients wanting to register as Confidential Clients must attest that they are capable of storing a client secret, or any other attestation applicable.*

Upon successful client registration, CureMD's support team will share required credentials with the Application Developers, after which they can access data for required practice/patient.



Authentication

CureMD implements the SMART App Launch STU2 (v2.0.0) framework to secure authentication and authorization. This guide details the specific protocols for connecting to the CureMD FHIR API, divided by application type and launch context.

General Intro

The CureMD FHIR API leverages OAuth 2.0 and OpenID Connect to authorize third-party applications. To ensure the highest level of security, we strictly enforce PKCE (Proof Key for Code Exchange) for all user-facing authorization flows, regardless of whether the client is public or confidential.

Discovery

All applications, regardless of their type, must first retrieve the authorization server metadata to locate the necessary endpoints.

Request: GET [base-url]/.well-known/smart-configuration

Key Endpoints to Extract: authorization_endpoint, token_endpoint, jwks_uri.

Client Types

Confidential Clients: Apps capable of maintaining a secure secret (e.g., server-side web apps).

Public Clients: Apps running in insecure environments (e.g., browser-based SPAs, mobile apps). These must rely on PKCE.

Confidential EHR Launch

This flow is for provider-facing server-side applications launched directly from within the CureMD.

Requirement: The client **MUST** be able to authenticate itself securely. We ask all confidential clients to share their JWKS URL during registration to enable asymmetric authentication, if they chose to do so.

Step A: The Authorization Request

The EHR redirects to your app with a launch parameter. You must redirect back to the authorization_endpoint including that launch parameter.

GET

```
[authorization_endpoint]?response_type=code&client_id={client_id}
&redirect_uri={redirect_uri}&launch={launch_token_from_ehr}&scope=launch openid
fhirUser patient/Patient.rs&state={random_state}&aud={fhir_base_url}
&code_challenge={pkce_challenge} &code_challenge_method=S256
```

Parameters	Description
response_type	This must be set to “code” for the authorization code flow
scope	Requested Scopes
client_id	Unique identifier for the given client
state	Random string to prevent replay attack
aud	The URL of the resource server from which the app wishes to retrieve FHIR data from
redirect_uri	The URI (belonging to the Client application) where the user will be redirected when the flow completes



aud	The FHIR API base URL provided to the app
code_challenge	PKCE Challenge derived from the Code Verifier
code_challenge_method	This must be always set to S256
launch	This will be the launch parameter received from 10g at the time the app is launched

Step B: Token Exchange

Exchange the code for a token. You must authenticate using either Asymmetric Keys (JWKS) or a Client Secret.

Option 1: JWKS Authentication

Generate a client assertion JWT signed with your Private Key.

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=authorization_code" \
  -d "code={authorization_code}" \
  -d "redirect_uri={redirect_uri}" \
  -d "client_assertion_type=urn:ietf:params:oauth:client-assertion-type:jwt-bearer" \
  -d "client_assertion={signed_jwt}"
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
code	The authorization code received in Step A
redirect_uri	Must match the redirect_uri used in the authorization request
client_assertion_type	Fixed value: urn:ietf:params:oauth:client-assertion-type:jwt-bearer
client_assertion	The signed JWT using your private key
code_verifier	The original random string used to generate the code_challenge

Option 2: Client Secret

Include the secret in the Authorization header or body.

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=authorization_code" \
  -d "code={authorization_code}" \
  -d "redirect_uri={redirect_uri}" \
  -d "client_secret={client_secret}" \
  -d "code_verifier={code_verifier}"
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
code	The authorization code received in Step A
redirect_uri	Must match the redirect_uri used in the authorization request
client_secret	The shared secret provided during registration
code_verifier	The original random string used to generate the code_challenge

Public EHR Launch

This flow is for provider-facing client-side applications (Single Page Apps, Mobile Apps) launched from within the CureMD EHR.

Step A: The Authorization Request

Similar to the confidential flow, but no client secret will be used later.

GET

```
[authorization_endpoint]?response_type=code&client_id={client_id}&redirect_uri={redirect_uri}&launch={launch_token_from_ehr}&scope=launch openid fhirUser
patient/Patient.rs&state={random_state}&aud={fhir_base_url}
&code_challenge={pkce_challenge}&code_challenge_method=S256
```

Parameters	Description
response_type	This must be set to “code” for the authorization code flow
scope	Requested Scopes
client_id	Unique identifier for the given client
state	Random string to prevent replay attack
aud	The URL of the resource server from which the app wishes to retrieve FHIR data from
redirect_uri	The URI (belonging to the Client application) where the user will be redirected when the flow completes
aud	The FHIR API base URL provided to the app
code_challenge	PKCE Challenge derived from the Code Verifier
code_challenge_method	This must be always set to S256
launch	This will be the launch parameter received from 10g at the time the app is launched

Step B: Token Exchange

Exchange the code for a token.

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=authorization_code" \
  -d "code={authorization_code}" \
  -d "redirect_uri={redirect_uri}" \
  -d "client_id={Application's Client ID}" \
  -d "client_assertion={signed_jwt}" \
  -d "code_verifier={code_verifier}"
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
code	The authorization code received in Step A
redirect_uri	Must match the redirect_uri used in the authorization request
client_id	The shared client id provided during registration
code_verifier	The original random string used to generate the code_challenge

Confidential Standalone Launch

This flow is for patient-facing server-side applications launched externally (e.g., a patient logging into a portal directly), where the app needs to pick a patient.

Step A: The Authorization Request

Unlike the EHR launch, there is no launch parameter. You must request the launch/patient scope to trigger the CureMD patient picker.

GET

```
[authorization_endpoint]?response_type=code&client_id={client_id}
&redirect_uri={redirect_uri}&scope=launch openid fhirUser launch/patient
patient/Patient.rs&state={random_state}&aud={fhir_base_url}
&code_challenge={pkce_challenge}&code_challenge_method=S256
```

Parameters	Description
response_type	This must be set to “code” for the authorization code flow
scope	Requested Scopes
client_id	Unique identifier for the given client
state	Random string to prevent replay attack
aud	The URL of the resource server from which the app wishes to retrieve FHIR data from
redirect_uri	The URI (belonging to the Client application) where the user will be redirected when the flow completes
aud	The FHIR API base URL provided to the app



code_challenge	PKCE Challenge derived from the Code Verifier
code_challenge_method	This must be always set to S256

Step B: Token Exchange

Exchange the code for a token. You must authenticate using either Asymmetric Keys (JWKS) or a Client Secret.

Option 1: JWKS Authentication

Generate a client assertion JWT signed with your Private Key

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=authorization_code" \
  -d "code={authorization_code}" \
  -d "redirect_uri={redirect_uri}" \
  -d "client_assertion_type=urn:ietf:params:oauth:client-assertion-type:jwt-bearer" \
  -d "client_assertion={signed_jwt}" \
  -d "code_verifier={code_verifier}"
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
code	The authorization code received in Step A
redirect_uri	Must match the redirect_uri used in the authorization request
client_assertion_type	Fixed value: urn:ietf:params:oauth:client-assertion-type:jwt-bearer
client_assertion	The signed JWT using your private key
code_verifier	The original random string used to generate the code_challenge

Option 2: Client Secret

Include the secret in the Authorization header or body.



POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \  
  -d "grant_type=authorization_code" \  
  -d "code={authorization_code}" \  
  -d "redirect_uri={redirect_uri}" \  
  -d "client_secret={client_secret}" \  
  -d "code_verifier={code_verifier}"
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
code	The authorization code received in Step A
redirect_uri	Must match the redirect_uri used in the authorization request
client_secret	The shared secret provided during registration
code_verifier	The original random string used to generate the code_challenge

Public Standalone Launch

This flow is for patient-facing mobile apps or single page applications launched directly by the user.

Step A: The Authorization Request

Unlike the EHR launch, there is no launch parameter. You must request the launch/patient scope to trigger the CureMD patient picker.

GET

```
[authorization_endpoint]?response_type=code&client_id={client_id}
&redirect_uri={redirect_uri}&scope=launch openid fhirUser launch/patient
patient/Patient.rs&state={random_state}&aud={fhir_base_url}
&code_challenge={pkce_challenge}&code_challenge_method=S256
```

Parameters	Description
response_type	This must be set to “code” for the authorization code flow
scope	Requested Scopes
client_id	Unique identifier for the given client
state	Random string to prevent replay attack
aud	The URL of the resource server from which the app wishes to retrieve FHIR data from
redirect_uri	The URI (belonging to the Client application) where the user will be redirected when the flow completes
aud	The FHIR API base URL provided to the app
code_challenge	PKCE Challenge derived from the Code Verifier



code_challenge_method	This must be always set to S256
-----------------------	---------------------------------

Step B: Token Exchange

Exchange the code for a token.

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
-d "grant_type=authorization_code" \
-d "code={authorization_code}" \
-d "redirect_uri={redirect_uri}" \
-d "client_id={Application's Client ID}" \
-d "client_assertion={signed_jwt}" \
-d "code_verifier={code_verifier}" \
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
code	The authorization code received in Step A
redirect_uri	Must match the redirect_uri used in the authorization request
client_id	The shared client id provided during registration
code_verifier	The original random string used to generate the code_challenge



Backend Integrations

This flow is for non-interactive systems, such as nightly bulk data exports or background population health analysis. There is no user interface and no user involved.

Requirement: This utilizes the Client Credentials Grant. JWKS Authentication is used for this flow. Shared secrets are not supported for backend services. The other flow supported by us for backend integrations is Password Credentials flow, but we strongly recommend against it.

Step A: Register JWKS

You must provide a URL to your JSON Web Key Set (JWKS) containing your Public Key during registration.

Step B: Generate Client Assertion

Create a JWT signed with your Private Key.

- **alg:** RS384 (Recommended) or ES384
- **sub:** Your client_id
- **iss:** Your client_id
- **aud:** The CureMD token_endpoint URL
- **exp:** Expiration time (max 5 minutes in the future)

Step C: Request Access Token

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
-d "grant_type=client_credentials" \
-d "scope=system/*.rs" \
-d "client_assertion_type=urn:ietf:params:oauth:client-assertion-type:jwt-bearer" \
-d "client_assertion={signed_jwt}"
```

Payload Parameters	Description
grant_type	Must be set to authorization_code
scope	Requested Scopes
client_assertion_type	Fixed value: urn:ietf:params:oauth:client-assertion-type:jwt-bearer
client_assertion	The signed JWT using your private key



Refresh Tokens

Access tokens are short-lived (typically expiring after 60 minutes) to minimize security risks. To maintain access without forcing the user to re-authenticate, your application can use a Refresh Token to obtain a new Access Token.

Prerequisite: The app must have requested the `offline_access` scope during the initial authorization step.

Requesting a New Token

To refresh a token, send a POST request to the token endpoint.

Scenario A: Public Clients

Public clients must include their `client_id` but do not provide a secret.

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=refresh_token" \
  -d "refresh_token={your_current_refresh_token}" \
  -d "client_id={client_id}"
```

Scenario B: Confidential Clients (Client Secret)

Clients using a shared secret must include it in the request body (or use HTTP Basic Auth).

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=refresh_token" \
  -d "refresh_token={your_current_refresh_token}" \
  -d "client_id={client_id}" \
  -d "client_secret={your_client_secret}"
```

Scenario C: Confidential Clients (JWKS)

Clients using Asymmetric Authentication must sign a new JWT assertion for the refresh request.

POST - [token_endpoint]

```
-H "Content-Type: application/x-www-form-urlencoded" \
  -d "grant_type=refresh_token" \
  -d "refresh_token={your_current_refresh_token}" \
  -d "client_assertion_type=urn:ietf:params:oauth:client-assertion-type:jwt-bearer" \
  -d "client_assertion={signed_jwt}"
```



Parameters	Description
grant_type	Must be set to refresh_token
refresh_token	The refresh token obtained from the previous token response
scope	(Optional) If omitted, the new token inherits all original scopes. If included, it must be a subset of the original scopes.
client_id	Required for Public Clients and Confidential Clients using Secret in body.
client_secret	Required for Confidential Clients using Secret in body.
client_assertion	Required for Confidential Clients using JWKS.



Supported Scopes

The CureMD FHIR API supports the standard SMART v2.0.0 scope syntax. All data scopes currently supported are limited to Read (r) and Search (s) operations.

Scope Syntax (v2.0)

Scopes follow the format: [persona]/[resource]. [permission]

Persona:

- patient: usually used for patient facing apps
- user: usually used for provider facing apps
- system: usually used for system-to-system backend integrations

Permission:

- .rs: Read and Search.

Launch & Identity Scopes

Scope	Description
launch	Required for EHR Launch. Binds authorization to the existing EHR session context.
launch/patient	Required for Standalone Launch. Requests the EHR to display a patient picker.
openid	Requests an OpenID Connect id_token.
fhirUser	Requests the fhirUser claim in the id_token (URL to the user's FHIR resource).
offline_access	Requests a refresh token for long-lived access.

Wildcard Scopes

Apps may request wildcard access to all supported resources for a specific persona.

- patient/*rs: Read/Search all resources for the current patient.
- user/*rs: Read/Search all resources the user has access to.
- system/*rs: Read/Search all resources (Backend Services only).



Resource-Level Scopes

The following resources are supported. You may request these with patient/, user/, or system/ prefixes.

- [persona]/Medication.rs
- [persona]/AllergyIntolerance.rs
- [persona]/CarePlan.rs
- [persona]/CareTeam.rs
- [persona]/Condition.rs
- [persona]/Coverage.rs
- [persona]/Device.rs
- [persona]/DiagnosticReport.rs
- [persona]/DocumentReference.rs
- [persona]/Encounter.rs
- [persona]/Goal.rs
- [persona]/Immunization.rs
- [persona]/Location.rs
- [persona]/MedicationRequest.rs
- [persona]/MedicationDispense.rs
- [persona]/RelatedPerson.rs
- [persona]/ServiceRequest.rs
- [persona]/Specimen.rs
- [persona]/Observation.rs
- [persona]/Questionnaire.rs
- [persona]/QuestionnaireResponse.rs
- [persona]/Organization.rs
- [persona]/Patient.rs
- [persona]/Practitioner.rs
- [persona]/Procedure.rs
- [persona]/Provenance.rs
- [persona]/PractitionerRole.rs



Granular Scopes (Search Parameters)

You may restrict access to specific subsets of data by appending search parameters to the scope.

This follows the format:

`[persona]/[resource].rs?[parameter]=[value]`

Examples:

Laboratory Observations only:

`patient/Observation.rs?category=laboratory`

Vital Signs only:

`patient/Observation.rs?category=vital-signs`

Specific Condition Category:

`patient/Condition.rs?category=problem-list-item`

API Usage Policies and Data Synchronization Strategy

To ensure system stability, optimal performance, and alignment with upstream data refresh cycles, the following guidelines must be adhered to when integrating with the FHIR API:

Rate Limiting

- The API enforces a rate limit of **20 requests/minute (1,200 requests/hour)** per client.
- Exceeding this threshold will result in **HTTP 429 (Too Many Requests)** responses.
- Consumers should implement:
 - Request throttling mechanisms
 - Monitoring to track API consumption patterns

Export Content Polling

- For data export or content polling operations, it is recommended to:
 - Poll the API at a frequency of **no more than once every 15 minutes**
- High-frequency polling can lead to:
 - Unnecessary load on the system
 - Increased likelihood of hitting rate limits
 - Redundant data retrieval

Data Synchronization Frequency

- The underlying system data is refreshed on a **weekly basis**.
- Therefore, downstream systems should:
 - Schedule **synchronization jobs once per week**
 - Avoid high-frequency full sync operations, as they will not yield additional data updates

Metric	Constraint
Per-Minute Limit	20 Requests
Error Code	HTTP 429
Polling Interval	15 Minutes
Sync Frequency	7 Days

Errors and Exceptions

Every API interaction can return specific HTTP status codes representing success or various categories of client and server errors. The following outlines common error codes, root causes, and expected responses.

Error Code	Status	Causes	Typical Response
200	OK	Request executed successfully.	Successful response with the expected resource payload.
400	Bad Request	Malformed JSON payload, parser failures, invalid parameters, incorrect resource structure, or unsupported operation parameters.	OperationOutcome with issue.code values such as invalid, structure, or value. Note: Structural/parsing issues → 400; validation/profile conformance issues → 422.
401	Unauthorized	Missing or invalid credentials, absent or malformed Authorization header.	OperationOutcome or empty response with WWW-Authenticate header.
403	Forbidden	Authenticated user lacks permissions or required scopes; RBAC or policy restrictions deny operation.	OperationOutcome explaining insufficient privileges.
404	Not Found	Resource ID not found, incorrect endpoint, or reference to non-existent entity.	OperationOutcome with issue.code = not-found.



405	Method Not Allowed	HTTP verb not supported for the endpoint (e.g., POST on a GET-only resource).	OperationOutcome indicating unsupported method.
409	Conflict	Versioning or uniqueness conflict — e.g., optimistic locking or duplicate resource IDs.	OperationOutcome with issue.code = conflict.
410	Gone	Resource previously existed but has been permanently deleted or purged.	OperationOutcome indicating the resource is no longer available.
412	Precondition Failed	Concurrency check failure (If-Match, If-None-Match, or If-Modified-Since headers).	OperationOutcome describing precondition failure.
413	Payload Too Large	Request entity exceeds allowed size limits (e.g., oversized Binary resource upload).	OperationOutcome summarizing the payload constraint.
415	Unsupported Media Type	Unrecognized Content-Type (e.g., non-FHIR format posted).	OperationOutcome detailing content parsing failure.
422	Unprocessable Entity	Resource fails profile or business validation; violates value set or structural rules.	OperationOutcome with detailed validation messages (issue.severity = error/fatal).



429	Too Many Requests	Rate limit exceeded.	OperationOutcome or plain text response with Retry-After header.
500	Internal Server Error	Unexpected server exception, unhandled runtime error, or database failure.	OperationOutcome with issue.severity = error.
501	Not Implemented	The requested operation is not supported by the server.	OperationOutcome with issue.code = not-supported.
503	Service Unavailable	Server maintenance, database downtime, or dependency outage.	OperationOutcome or plain text response, may include Retry-After header.
504	Gateway Timeout	Downstream dependency timeout (terminology server, database, or external service).	OperationOutcome indicating timeout or transient failure.

Resources

All the resources are compliant with FHIR version R4 and US Core version 3.1.1.

Patient

The Patient resource provides basic demographic information about a patient. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Patient resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Patient/Parameter	Read

Parameters

Parameters/Parameters Combinations	Required
id (string)	Required

Example Request

GET: [base url]/Patient/18864

Example Response

```
{
  "resourceType": "Patient",
  "id": "18864",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-patient"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "Patient-10586"
    }
  ],
  "active": false,
  "name": [
    {
      "use": "official",
      "text": "Mr Isaac Clarke Sr",

```



```

        "family": "Clarke",
        "given": [
            "Isaac"
        ],
        "prefix": [
            "Mr"
        ],
        "suffix": [
            "Sr"
        ]
    }
],
"telecom": [
    {
        "system": "phone",
        "value": "5558675309"
    },
    {
        "use": "home",
        "system": "phone",
        "value": "5058425662"
    },
    {
        "use": "mobile",
        "system": "phone",
        "value": "5557291843"
    },
    {
        "use": "work",
        "system": "fax",
        "value": "5554986621"
    },
    {
        "use": "work",
        "system": "phone",
        "value": "5556439012"
    },
    {
        "system": "pager",
        "value": "5559012234"
    },
    {
        "system": "phone",
        "value": "5557789901",
        "rank": 1
    },
    {
        "system": "email",
        "value": "john.doe@testmail.example"
    }
],
"gender": "male",
"birthDate": "2001-10-07",
"deceasedBoolean": false,
"address": [
    {
        "use": "home",
        "text": "1234 Nebraska Lane, Omaha, NE 68102, US",
        "line": [

```



```

    "1234 Nebraska Lane"
  ],
  "city": "CA",
  "state": "NY",
  "postalCode": "100013213",
  "country": "US"
},
{
  "text": "US",
  "country": "US"
}
],
"maritalStatus": {
  "coding": [
    {
      "system": "http://terminology.hl7.org/CodeSystem/v3-MaritalStatus",
      "code": "S",
      "display": "Never Married"
    }
  ]
},
"contact": [
  {
    "relationship": [
      {
        "text": "Brother In-Law"
      }
    ],
    "period": {
      "start": "2025-03-03T00:00:00Z",
      "end": "2025-03-04T00:00:00Z"
    },
    "name": {
      "text": "Sr Bill Billingha Sr",
      "family": "Billingha",
      "given": [
        "Bill"
      ],
      "prefix": [
        "Sr"
      ],
      "suffix": [
        "Sr"
      ]
    }
  ]
},
"telecom": [
  {
    "use": "home",
    "system": "phone",
    "value": "5055034455"
  },
  {
    "use": "mobile",
    "system": "phone",
    "value": "5055034455"
  },
  {
    "use": "work",
    "system": "phone",

```



```

        "value": "5058425662"
    },
    {
        "use": "temp",
        "system": "phone",
        "value": "5058425662"
    },
    {
        "system": "email",
        "value": "cmdgoo.fhir@gmail.com"
    }
],
"address": {
    "text": "30 China Town ABC CO 80131 US",
    "line": [
        "30 China Town"
    ],
    "city": "ABC",
    "state": "CO",
    "postalCode": "80131",
    "country": "US"
}
},
{
    "relationship": [
        {
            "text": "Adopted Son"
        }
    ],
    "name": {
        "text": "Mr Isaac Clarke Sr",
        "family": "Clarke",
        "given": [
            "Isaac"
        ],
        "prefix": [
            "Mr"
        ],
        "suffix": [
            "Sr"
        ]
    },
    "telecom": [
        {
            "use": "home",
            "system": "phone",
            "value": "5058425662"
        }
    ],
    "address": {
        "text": "30 China Town ABC US",
        "line": [
            "30 China Town"
        ],
        "city": "ABC",
        "country": "US"
    }
}
},
{

```



```

    "period": {
      "start": "2025-04-02T00:00:00Z",
      "end": "2025-04-08T00:00:00Z"
    },
    "name": {
      "text": "Isaac Clarke Sr",
      "family": "Clarke",
      "given": [
        "Isaac"
      ],
      "suffix": [
        "Sr"
      ]
    },
    "telecom": [
      {
        "use": "home",
        "system": "phone",
        "value": "5055034455"
      }
    ],
    "address": {
      "text": "US",
      "country": "US"
    }
  },
  "managingOrganization": {
    "reference": "Organization/19000"
  },
  "extension": [
    {
      "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-race",
      "extension": [
        {
          "url": "ombCategory",
          "valueCoding": {
            "system": "http://terminology.hl7.org/CodeSystem/v3-NullFlavor",
            "code": "UNK",
            "display": "Unknown"
          }
        },
        {
          "url": "text",
          "valueString": "Unknown"
        }
      ]
    }
  ],
  {
    "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity",
    "extension": [
      {
        "url": "ombCategory",
        "valueCoding": {
          "system": "urn:oid:2.16.840.1.113883.6.238",
          "code": "2186-5",
          "display": "Not Hispanic or Latino"
        }
      }
    ]
  },

```

```
{
  {
    "url": "text",
    "valueString": "Not Hispanic or Latino"
  }
]
},
{
  "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-birthsex",
  "valueCode": "M"
},
{
  "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
  "valueDecimal": 1763470593571
},
{
  "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-genderIdentity",
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "446151000124109",
        "display": "Identifies as male gender"
      }
    ],
    "text": "Identifies as Male"
  }
},
{
  "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-tribal-
affiliation",
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/v3-TribalEntityUS",
        "code": "65",
        "display": "Coquille Indian Tribe"
      }
    ]
  }
}
]
}
```

Method	Endpoint	Interaction
GET	[base url]/Patient?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
id (string)	Required
identifier (code)	Required



name (string)	Required
birthdate (date) and name (date)	Required
gender (code) and name (string)	Required
birthdate (date) and family (string)	Optional
family (string) and gender (code)	Optional

Example Request

Search by id:

GET: [base url]/Patient?id=18864

Search by identifier:

GET: [base url]/Patient?identifier=CMDGO

Search by name:

GET: [base url]/Patient?name=Isaac

Search by birthdate and name:

GET: [base url]/Patient?birthdate=2021-01-01&name=Isaac

Search by gender and name:

GET: [base url]/Patient?gender=male&name=Isaac

Search by birthdate and family

GET: [base url]/Patient?birthdate=2021-01-01&family=Clarke

Search by family and gender

GET: [base url]/Patient?family=Clarke&gender=male



Observation

The Observation resource provides proclamations and measurements about a patient. Observations play a vital role in measuring the patients progress, supporting the providers diagnosis and setting the healthcare trends. This resource conforms to USCDiv3.

Observation resource includes:

- Lab Results
- Clinical Results (Radiology and Procedure)
- Vitals
- Social History
- Pediatric BMI for Age Observation Profile
- Pediatric Head Occipital-frontal Circumference Percentile Profile
- Pediatric Weight for Height Observation Profile
- Pregnancy Status
- Pregnancy Intent
- Sexual Orientation
- Screening Assessments (Custom Forms, Assessment Forms and Evaluations)

Read or Search Interactions can be used to retrieve FHIR Observation resources in JSON format.

Body Height

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20384

Example Response

```
{
  "resourceType": "Observation",
  "id": "20384",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:28.212+00:00",
    "source": "#616faZAp0eBMvXhU",
    "profile": [ "http://hl7.org/fhir/StructureDefinition/bodyheight" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104168203
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "BodyHeight-166"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "8302-2"
    } ]
  },
  "subject": {
```

```

    "reference": "Patient/18864"
  },
  "encounter": {
    "reference": "Encounter/20379"
  },
  "effectiveDateTime": "2023-10-12T05:47:00Z",
  "issued": "2023-10-12T05:47:00Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueQuantity": {
    "value": 38,
    "unit": "in_i",
    "system": "http://unitsofmeasure.org",
    "code": "[in_i]"
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=8302-2

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:47:00Z

Body Weight

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20381

Example Response

```
{
  "resourceType": "Observation",
  "id": "20381",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:27.835+00:00",
    "source": "#qL3ATE7LRuQ6vCKj",
    "profile": [ "http://hl7.org/fhir/StructureDefinition/bodyweight" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104168197
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "BodyWeight-166"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "29463-7"
    } ]
  }
}
```

```

    } ]
  },
  "subject": {
    "reference": "Patient/18864"
  },
  "encounter": {
    "reference": "Encounter/20379"
  },
  "effectiveDateTime": "2023-10-12T05:47:00Z",
  "issued": "2023-10-12T05:47:00Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueQuantity": {
    "value": 35,
    "unit": "lb_av",
    "system": "http://unitsofmeasure.org",
    "code": "[lb_av]"
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=29463-7

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:47:00Z

Body Temperature

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20394

Example Response

```
{
  "resourceType": "Observation",
  "id": "20394",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:29.984+00:00",
    "source": "#6NHgZiejkb4u4fv",
    "profile": [ "http://hl7.org/fhir/StructureDefinition/bodytemp" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104169280
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "BodyTemperature-176"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs",
      "display": "Vital Signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "8310-5",
      "display": "Body temperature"
    } ]
  }
}
```

```

    } ]
  },
  "subject": {
    "reference": "Patient/18864"
  },
  "encounter": {
    "reference": "Encounter/20379"
  },
  "effectiveDateTime": "2023-10-12T05:49:28Z",
  "issued": "2023-10-12T05:49:28Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueQuantity": {
    "value": 98,
    "unit": "degF",
    "system": "http://unitsofmeasure.org",
    "code": "[degF]"
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=8310-5

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:49:28Z

Blood Pressure

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20395

Example Response

```
{
  "resourceType": "Observation",
  "id": "20395",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:30.141+00:00",
    "source": "#PlZtF8d7B6rX5Lko",
    "profile": [ "http://hl7.org/fhir/StructureDefinition/bp" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104169333
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "BloodPressure-196"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "85354-9"
    } ]
  },
  "subject": {
    "reference": "Patient/18864"
  }
}
```

```

},
"encounter": {
  "reference": "Encounter/20379"
},
"effectiveDateTime": "2023-10-12T05:49:28Z",
"issued": "2023-10-12T05:49:28Z",
"performer": [ {
  "reference": "Practitioner/18858"
} ],
"component": [ {
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "8480-6"
    } ]
  },
  "valueQuantity": {
    "value": 110,
    "unit": "mmHg",
    "system": "http://unitsofmeasure.org",
    "code": "mm[Hg]"
  }
}, {
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "8462-4"
    } ]
  },
  "valueQuantity": {
    "value": 75,
    "unit": "mmHg",
    "system": "http://unitsofmeasure.org",
    "code": "mm[Hg]"
  }
} ]
} ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required



Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=85354-9

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:49:28Z

Heart Rate

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20385

Example Response

```
{
  "resourceType": "Observation",
  "id": "20385",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:28.617+00:00",
    "source": "#xqTJ3AjHDNyP30eb",
    "profile": [ "http://hl7.org/fhir/StructureDefinition/hearttrate" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104169297
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "HeartRate-175"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs",
      "display": "Vital Signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
```

```

        "code": "8867-4",
        "display": "Heart rate"
      } ]
    },
    "subject": {
      "reference": "Patient/18864"
    },
    "encounter": {
      "reference": "Encounter/20379"
    },
    "effectiveDateTime": "2023-10-12T05:49:28Z",
    "issued": "2023-10-12T05:49:28Z",
    "performer": [ {
      "reference": "Practitioner/18858"
    } ],
    "valueQuantity": {
      "value": 78,
      "unit": "bpm",
      "system": "http://unitsofmeasure.org",
      "code": "/min"
    }
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=8867-4

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:49:28Z

Respiratory Rate

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20390

Example Response

```
{
  "resourceType": "Observation",
  "id": "20390",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:29.331+00:00",
    "source": "#g5LPqZNd779FuFVb",
    "profile": [ "http://hl7.org/fhir/StructureDefinition/resprate" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104169313
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "RespiratoryRate-130"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs",
      "display": "Vital Signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "9279-1",
      "display": "Respiratory rate"
    } ]
  }
}
```

```
{
  "subject": {
    "reference": "Patient/18864"
  },
  "encounter": {
    "reference": "Encounter/20379"
  },
  "effectiveDateTime": "2023-10-12T05:49:28Z",
  "issued": "2023-10-12T05:49:28Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueQuantity": {
    "value": 19,
    "unit": "breaths per minute",
    "system": "http://unitsofmeasure.org",
    "code": "/min"
  }
}
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=9279-1

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:49:28Z

Smoking Status

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20401

Example Response

```
{
  "resourceType": "Observation",
  "id": "20401",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:53:07.679+00:00",
    "source": "#zPa81B0wuWh5fSsF",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-smokingstatus"
  ],
  "tag": [ {
    "system": "https://www.curemd.com/tenant",
    "code": "CMDGO"
  } ],
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104327963
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "SmokingStatus-229"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "social-history",
      "display": "Social History"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "72166-2",
      "display": "Tobacco smoking status"
    } ]
  }
}
```

```
{
  "subject": {
    "reference": "Patient/18864"
  },
  "encounter": {
    "reference": "Encounter/20379"
  },
  "effectiveDateTime": "2023-10-12T05:52:07Z",
  "issued": "2023-10-12T05:52:07Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueCodeableConcept": {
    "coding": [ {
      "system": "urn:oid:2.16.840.1.113883.11.20.9.38",
      "code": "449868002",
      "display": "Current, Every day smoker"
    } ],
    "text": "Current, Every day smoker"
  }
}
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and code (code)	Required

Example Request

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=72166-2

Pulse Oximetry

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20386

Example Response

```
{
  "resourceType": "Observation",
  "id": "20386",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:50:28.793+00:00",
    "source": "#DOIiYCvwq7mXuBNV",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-pulse-oximetry" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104169347
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "PulseOximetry-151"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
```



```

        "code": "vital-signs",
        "display": "Vital Signs"
    } ]
} ],
"code": {
    "coding": [ {
        "system": "http://loinc.org",
        "code": "2708-6",
        "display": "Oxygen saturation in Arterial blood"

    }, {
        "system": "http://loinc.org",
        "code": "59408-5",
        "display": "Oxygen saturation in Arterial blood by Pulse oximetry"

    } ]
},
"subject": {
    "reference": "Patient/18864"

},
"encounter": {
    "reference": "Encounter/20379"

},
"effectiveDateTime": "2023-10-12T05:49:28Z",
"issued": "2023-10-12T05:49:28Z",
"performer": [ {
    "reference": "Practitioner/18858"

} ],
"valueQuantity": {
    "value": 98,
    "unit": "%",
    "system": "http://unitsofmeasure.org",
    "code": "%"

},
"component": [ {
    "code": {
        "coding": [ {
            "system": "http://loinc.org",
            "code": "3151-8",
            "display": "Inhaled oxygen flow rate"

        } ]
    },
    "valueQuantity": {
        "value": 510,
        "unit": "L/min",
        "system": "http://unitsofmeasure.org",
        "code": "L/min"

    }

}, {
    "code": {
        "coding": [ {
            "system": "http://loinc.org",

```

```

        "code": "3150-0",
        "display": "Inhaled oxygen concentration"
      } ]
    },
    "valueQuantity": {
      "value": 21,
      "unit": "%",
      "system": "http://unitsofmeasure.org",
      "code": "%"
    }
  } ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=2708-6

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:49:28Z

Pediatric BMI for Age Observation

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20387

Example Response

```
{
  "resourceType": "Observation",
  "id": "20387",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T09:50:29.753+00:00",
    "source": "#Pb0yPV52r3onnNYM",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/pediatric-bmi-for-age"
  ],
  "tag": [ {
    "system": "https://www.curemd.com/tenant",
    "code": "CMDGO"
  } ],
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104168190
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "PediametricBmiAgeObservation-166"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs",
      "display": "Vital Signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "59576-9",
      "display": "Body mass index (BMI) [Percentile] Per age and sex"
    } ]
  }
}
```

```
{
  "subject": {
    "reference": "Patient/18864"
  },
  "effectiveDateTime": "2023-10-12T05:47:00Z",
  "issued": "2023-10-12T05:47:00Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueQuantity": {
    "value": 75.65387831185598,
    "unit": "%",
    "system": "http://unitsofmeasure.org",
    "code": "%"
  },
  "note": [ {
    "text": "CDC Males, 2-20 years Chart"
  } ]
}
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code=59576-9

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:47:00Z

Pediatric Head Occipital-frontal Circumference Percentile

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20409

Example Response

```
{
  "resourceType": "Observation",
  "id": "20409",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T10:04:58.867+00:00",
    "source": "#yTWKwpAlkItvENSO",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/head-occipital-frontal-circumference-percentile" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697105037983
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "OccipitalFrontalHeadCircumference-166"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs",
      "display": "Vital Signs"
    } ]
  } ]
},
],
```

```

"code": {
  "coding": [ {
    "system": "http://loinc.org",
    "code": "8289-1",
    "display": "Head Occipital-frontal circumference Percentile"
  } ]
},
"subject": {
  "reference": "Patient/18864"
},
"effectiveDateTime": "2023-10-12T05:47:00Z",
"issued": "2023-10-12T05:47:00Z",
"performer": [ {
  "reference": "Practitioner/18858"
}
],
"valueQuantity": {
  "value": 79.79874764074401,
  "unit": "%",
  "system": "http://unitsofmeasure.org",
  "code": "%"
},
"note": [ {
  "text": "CDC Males, 0-36 months Chart"
}
]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required



Example Requests

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code= 8289-1

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:47:00Z

Pediatric Weight for Height Observation Profile

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20389

Example Response

```
{
  "resourceType": "Observation",
  "id": "20389",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T09:50:29.643+00:00",
    "source": "#hsul25L1GVf8dZho",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/pediatric-weight-for-height" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104168177
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "WeightForLengthPercentile-166"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "vital-signs",
      "display": "Vital Signs"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "77606-2",
      "display": "Weight-for-length Per age and sex"
    } ]
  }
}
```

```

    } ]
  },
  "subject": {
    "reference": "Patient/18864"
  },
  "effectiveDateTime": "2023-10-12T05:47:00Z",
  "issued": "2023-10-12T05:47:00Z",
  "performer": [ {
    "reference": "Practitioner/18858"
  } ],
  "valueQuantity": {
    "value": 84.9991847671568,
    "unit": "%",
    "system": "http://unitsofmeasure.org",
    "code": "%"
  },
  "note": [ {
    "text": "CDC Males, 0-36 months Chart"
  } ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required

Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=vital-signs

Search by patient and code:

GET: [base url]/Observation?patient=18864&code= 77606-2

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&category=vital-signs&date=2023-10-12T05:47:00Z

Laboratory Result Observation

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20424

Example Response

```
{
  "resourceType": "Observation",
  "id": "20424",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T11:02:44.569+00:00",
    "source": "#pIJ1jNZoIGNWM5pu",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-observation-lab" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697108504480
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "LabObservation-518"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/observation-category",
      "code": "laboratory"
    } ]
  } ]
},
{
  "code": {
    "coding": [ {
      "system": "urn:oid:2.16.840.1.113883.3.669.101.123.1",
      "code": "001149"
    } ],
    {
      "system": "http://loinc.org",
```

```

      "code": "3026-2"
    }
  ],
  "text": "Thyroxine (T4)"
},
"subject": {
  "reference": "Patient/18864"
},
"effectiveDateTime": "2023-10-12T06:58:00Z",
"issued": "2023-10-12T06:58:00Z",
"valueQuantity": {
  "value": 7.5,
  "unit": "ug/dL"
},
"interpretation": [ {
  "coding": [ {
    "system": "https://terminology.hl7.org/3.1.0/CodeSystem-v3-ObservationInterpretation",
    "code": "N",
    "display": "Normal"
  } ]
} ]
} ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=laboratory

Search by patient and code:

GET: [base url]/Observation?patient=18864&&code=3026-2

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&&category=laboratory&date=2023-10-12T06:58:00Z

Search by patient and category and status:

GET: [base url]/Observation?patient=18864&category=laboratory&status=final

Search by patient and code and date:

GET: [base url]/Observation?patient=18864&code=3026-2&date=2023-10-12T06:58:00Z

Clinical Result Observation

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/7767777

Example Response

```
{
  "resourceType": "Observation",
  "id": "7767777",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763626742129
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "ClinicalResultObservation-432"
    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {

```

```

category",
    "system": "http://terminology.hl7.org/CodeSystem/observation-
    "code": "procedure",
    "display": "Procedure"
  }
]
},
"code": {
  "coding": [
    {
      "system": "http://www.ama-assn.org/go/cpt",
      "code": "31370",
      "display": "PARTIAL LARYNGECTOMY (HEMILARYNGECTOMY); HORIZONTAL"
    }
  ],
  "text": "PARTIAL LARYNGECTOMY (HEMILARYNGECTOMY); HORIZONTAL"
},
"subject": {
  "reference": "Patient/494"
},
"effectiveDateTime": "2022-04-18T04:28:59Z",
"valueString": "31370 Test"
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base url]/Observation?patient=18864&category=procedure

Search by patient and code:

GET: [base url]/Observation?patient=18864&&code=31370

Search by patient and category and date:

GET: [base url]/Observation?patient=18864&&category= procedure&date=2023-10-12T06:58:00Z

Search by patient and category and status:

GET: [base url]/Observation?patient=18864&category=procedure&status=final

Search by patient and code and date:

GET: [base url]/Observation?patient=18864&code=31370&date=2023-10-12T06:58:00Z

Occupation

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20424

Example Response

```
{
  "resourceType": "Observation",
  "id": "20424",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2024-04-15T12:45:08.021+00:00",
    "source": "#FcjvGHEXmeQBAOSY",
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1713185034810
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "Occupation-343"
    }
  ],
  "status": "final",
  "category": [
    {
```

```

        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
            "code": "social-history",
            "display": "Social History"
          }
        ]
      },
    ],
    "code": {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "11295-3",
          "display": "Current employment - Reported"
        }
      ]
    },
    "subject": {
      "reference": "Patient/24651"
    },
    "effectivePeriod": {
      "start": "2023-12-12T08:43:00Z"
    },
    "issued": "2024-04-15T08:43:54Z",
    "performer": [
      {
        "reference": "Practitioner/18863"
      }
    ],
    "valueCodeableConcept": {
      "text": "Actors"
    },
    "component": [
      {
        "code": {
          "coding": [
            {
              "system": "http://loinc.org",
              "code": "86188-0",
              "display": "History of Occupation industry"
            }
          ]
        },
        "valueCodeableConcept": {
          "text": "Administration of economic programs and space research"
        }
      }
    ]
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|11295-3

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|11295-3&date=ge2023-12-12T00:00:00Z

Alcohol History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20566

Example Response

```
{
  "resourceType": "Observation",
  "id": "20566",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469635317
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "AlcoholHistory-10586"
    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
          "display": "Social History"
```

```

    }
  ]
}
],
"code": {
  "coding": [
    {
      "system": "http://loinc.org",
      "code": "11331-6",
      "display": "History of Alcohol use"
    }
  ],
  "text": "Alcohol History"
},
"subject": {
  "reference": "Patient/11169"
},
"effectiveDateTime": "2024-12-23T14:31:56Z",
"performer": [
  {
    "reference": "Practitioner/304"
  }
],
"valueString": "Alcohol History",
"component": [
  {
    "code": {
      "text": "Alcohol History Details"
    },
    "valueCodeableConcept": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
          "code": "160588008",
          "display": "Drinker of hard liquor"
        }
      ],
      "text": "Liquor"
    },
    "extension": [
      {
        "url": "https://fhirjson.curemd.net/extensions/Frequency",
        "valueCodeableConcept": {
          "coding": [
            {
              "system": "http://snomed.info/sct",
              "code": "86933000",
              "display": "Heavy"
            }
          ],
          "text": "Heavy drinker"
        }
      }
    ],
    {
      "url": "https://fhirjson.curemd.net/extensions/LengthOfUsage",
      "valueQuantity": {
        "value": 20,
        "unit": "More than 20 years",
        "system": "http://unitsofmeasure.org",

```

```

        "code": "a"
      }
    ]
  },
  {
    "code": {
      "text": "Length of Cessation"
    },
    "dataAbsentReason": {
      "coding": [
        {
          "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
          "code": "unknown",
          "display": "Unknown"
        }
      ]
    }
  },
  {
    "code": {
      "text": "Quittal Status"
    },
    "dataAbsentReason": {
      "coding": [
        {
          "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
          "code": "unknown",
          "display": "Unknown"
        }
      ]
    }
  }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|11331-6

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|11331-6&date=ge2023-12-12T00:00:00Z

Drug History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20567

Example Response

```
{
  "resourceType": "Observation",
  "id": "20567",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469766158
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "DrugHistory-10586"
    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
          "display": "Social History"
```

```

    }
  ]
}
],
"code": {
  "text": "Drug History"
},
"subject": {
  "reference": "Patient/11169"
},
"effectiveDateTime": "2024-12-23T14:31:56Z",
"performer": [
  {
    "reference": "Practitioner/304"
  }
],
"valueString": "Drug History",
"component": [
  {
    "code": {
      "text": "Drugs History Details"
    },
    "valueCodeableConcept": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
          "code": "703842006",
          "display": "Amphetamine"
        }
      ],
      "text": "Amphetamines"
    }
  },
  {
    "code": {
      "text": "Drugs History Details"
    },
    "valueCodeableConcept": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
          "code": "387085005",
          "display": "Cocaine"
        }
      ],
      "text": "Cocaine"
    }
  },
  {
    "code": {
      "text": "Drugs History Details"
    },
    "valueCodeableConcept": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
          "code": "229003004",
          "display": "Crack cocaine"
        }
      ]
    }
  }
]

```



```

    ],
    "text": "Crack Cocaine"
  }
},
{
  "code": {
    "text": "Drugs History Details"
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "9680003",
        "display": "Central depressant"
      }
    ],
    "text": "Downers"
  }
},
{
  "code": {
    "text": "Drugs History Details"
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "387341002",
        "display": "Heroin"
      }
    ],
    "text": "Heroin"
  }
},
{
  "code": {
    "text": "Drugs History Details"
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "228388006",
        "display": "Intravenous drug user"
      }
    ],
    "text": "IV Drugs"
  }
},
{
  "code": {
    "text": "Drugs History Details"
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "733460004",
        "display": "Marijuana user"
      }
    ]
  }
}

```



```

    }
  ],
  "text": "Marijuana"
},
{
  "code": {
    "text": "Drugs History Details"
  },
  "dataAbsentReason": {
    "coding": [
      {
        "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
        "code": "unknown",
        "display": "Unknown"
      }
    ]
  }
},
{
  "code": {
    "text": "Drugs History Details"
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "410942007",
        "display": "Stimulant"
      }
    ],
    "text": "Uppers"
  }
}
]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and date:

GET: [base]Observation?patient=24651&date= ge2023-12- 12T00:00:00Z

Sexual History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20568

Example Response

```
{
  "resourceType": "Observation",
  "id": "20568",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469820359
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "SexualHistory-10586"
    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
```

```

        "display": "Social History"
      }
    ]
  },
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "11351-4",
        "display": "History of Sexual behavior"
      }
    ],
    "text": "Sexual History"
  },
  "subject": {
    "reference": "Patient/11169"
  },
  "effectiveDateTime": "2024-12-23T14:31:56Z",
  "performer": [
    {
      "reference": "Practitioner/304"
    }
  ],
  "valueString": "Sexual History",
  "component": [
    {
      "code": {
        "text": "Sexually Active"
      },
      "dataAbsentReason": {
        "coding": [
          {
            "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
            "code": "unknown",
            "display": "Unknown"
          }
        ]
      }
    },
    {
      "code": {
        "text": "Orientation"
      },
      "dataAbsentReason": {
        "coding": [
          {
            "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
            "code": "unknown",
            "display": "Unknown"
          }
        ]
      }
    },
    {
      "code": {
        "text": "STD Risk Factor"
      }
    }
  ],

```



```
{
  "code": {
    "text": "Practice"
  }
},
{
  "code": {
    "text": "Using Protection"
  },
  "dataAbsentReason": {
    "coding": [
      {
        "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
        "code": "unknown",
        "display": "Unknown"
      }
    ]
  }
},
{
  "code": {
    "text": "Protection Method"
  },
  "valueString": "Method"
},
{
  "code": {
    "text": "Pain with intercourse"
  },
  "dataAbsentReason": {
    "coding": [
      {
        "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
        "code": "unknown",
        "display": "Unknown"
      }
    ]
  }
},
{
  "code": {
    "text": "Abused physically, sexually or emotionally"
  },
  "dataAbsentReason": {
    "coding": [
      {
        "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
        "code": "unknown",
        "display": "Unknown"
      }
    ]
  }
},
{
  "code": {
    "text": "Recent change in sexual partner"
  },
  "dataAbsentReason": {
    "coding": [
```

```

        {
          "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
          "code": "unknown",
          "display": "Unknown"
        }
      ]
    },
    {
      "code": {
        "text": "Sexual Partner Text"
      }
    },
    {
      "code": {
        "text": "Reason for No BCM"
      },
      "dataAbsentReason": {
        "coding": [
          {
            "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
            "code": "unknown",
            "display": "Unknown"
          }
        ]
      }
    }
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|11351-4

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|11351-4&date=ge2023-12-12T00:00:00Z

Education History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20569

Example Response

```
{
  "resourceType": "Observation",
  "id": "20569",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764139579160
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "EducationHistory-10586"
    }
  ],
  "status": "final",
  "category": [
    {

```

```

        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
            "code": "social-history",
            "display": "Social History"
          }
        ]
      },
    ],
    "code": {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "82589-3",
          "display": "Highest level of education"
        }
      ],
      "text": "Education History"
    },
    "subject": {
      "reference": "Patient/11169"
    },
    "effectiveDateTime": "2024-12-23T14:31:56Z",
    "performer": [
      {
        "reference": "Practitioner/304"
      }
    ],
    "valueString": "Education History",
    "component": [
      {
        "code": {
          "text": "Education"
        },
        "valueCodeableConcept": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/v3-
EducationLevel",
              "code": "SEC",
              "display": "Some secondary or high school education"
            }
          ],
          "text": "Less than high school"
        }
      }
    ]
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|82589-3

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|82589-3&date= ge2023-12-12T00:00:00Z

Sleep History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20570

Example Response

```
{
  "resourceType": "Observation",
  "id": "20570",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469847038
    }
  ],
  "identifier": [
    {
```

```

        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "SleepHistory-10586"
    }
],
"status": "final",
"category": [
    {
        "coding": [
            {
                "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
                "code": "social-history",
                "display": "Social History"
            }
        ]
    }
],
"code": {
    "text": "Sleep History"
},
"subject": {
    "reference": "Patient/11169"
},
"effectiveDateTime": "2024-12-23T14:31:56Z",
"performer": [
    {
        "reference": "Practitioner/304"
    }
],
"valueString": "Sleep History",
"component": [
    {
        "code": {
            "text": "Sleep (Avg)"
        },
        "dataAbsentReason": {
            "coding": [
                {
                    "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
                    "code": "unknown",

```

```

        "display": "Unknown"
      }
    ]
  },
  {
    "code": {
      "text": "Is sleeping habit a problem for the patient?"
    },
    "dataAbsentReason": {
      "coding": [
        {
          "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
          "code": "unknown",
          "display": "Unknown"
        }
      ]
    }
  }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-
12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and date:

GET: [base]Observation?patient=24651&date= ge2023-12- 12T00:00:00Z

Diet History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20571

Example Response

```
{
  "resourceType": "Observation",
  "id": "20571",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469889806
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "DietHistory-10586"
    }
  ]
}
```



```

    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
          "display": "Social History"
        }
      ]
    }
  ],
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "61144-2",
        "display": "Diet and nutrition Narrative"
      }
    ],
    "text": "Diet History"
  },
  "subject": {
    "reference": "Patient/11169"
  },
  "effectiveDateTime": "2024-12-23T14:31:56Z",
  "performer": [
    {
      "reference": "Practitioner/304"
    }
  ],
  "valueString": "Diet History",
  "component": [
    {
      "code": {
        "text": "Regular Diet"
      }
    }
  ]

```

```

    },
    {
      "code": {
        "text": "Compliance"
      },
      "dataAbsentReason": {
        "coding": [
          {
            "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
            "code": "unknown",
            "display": "Unknown"
          }
        ]
      }
    },
    {
      "code": {
        "text": "Special Diet"
      }
    }
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|61144-2

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|61144-2&date= ge2023-12-12T00:00:00Z

Exercise History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20572

Example Response

```
{
  "resourceType": "Observation",
  "id": "20572",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469925038
    }
  ],
  "identifier": [
    {
```



```

        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "ExerciseHistory-10586"
    }
],
"status": "final",
"category": [
    {
        "coding": [
            {
                "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
                "code": "social-history",
                "display": "Social History"
            }
        ]
    }
],
"code": {
    "coding": [
        {
            "system": "http://loinc.org",
            "code": "74008-4",
            "display": "Exercise intensity"
        }
    ],
    "text": "Exercise History"
},
"subject": {
    "reference": "Patient/11169"
},
"effectiveDateTime": "2024-12-23T14:31:56Z",
"performer": [
    {
        "reference": "Practitioner/304"
    }
],
"valueString": "Exercise History",
"component": [
    {

```



```

    "code": {
      "text": "Exercise Intensity"
    },
    "dataAbsentReason": {
      "coding": [
        {
          "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
          "code": "unknown",
          "display": "Unknown"
        }
      ]
    }
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|74008-4

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|74008-4&date=ge2023-12-12T00:00:00Z

Tanning History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20573

Example Response

```
{
  "resourceType": "Observation",
  "id": "20573",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763636958088
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "TanningHistory-10586"
    }
  ]
}
```



```

    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
          "display": "Social History"
        }
      ]
    }
  ],
  "code": {
    "text": "Tanning History"
  },
  "subject": {
    "reference": "Patient/11169"
  },
  "effectiveDateTime": "2024-12-23T14:31:56Z",
  "performer": [
    {
      "reference": "Practitioner/304"
    }
  ],
  "valueString": "Tanning History",
  "component": [
    {
      "code": {
        "text": "Tanning Methods"
      },
      "dataAbsentReason": {
        "coding": [
          {
            "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
            "code": "unknown",
            "display": "Unknown"
          }
        ]
      }
    }
  ]
}

```

```

    ]
  }
},
{
  "code": {
    "text": "Tanning Reactions"
  },
  "dataAbsentReason": {
    "coding": [
      {
        "system": "http://hl7.org/fhir/ValueSet/data-absent-reason",
        "code": "unknown",
        "display": "Unknown"
      }
    ]
  }
}
]
}
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and date (date)	Optional



Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-
12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and date:

GET: [base]Observation?patient=24651&date= ge2023-12- 12T00:00:00Z

Pregnancy Status (Observation)

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20575

Example Response

```
{
  "resourceType": "Observation",
  "id": "20575",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-observation-pregnancystatus"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763629372083
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "PregnancyStatusObservation-4"
    }
  ]
}
```

```

    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
          "display": "Social History"
        }
      ]
    }
  ],
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "82810-3",
        "display": "Pregnancy status"
      }
    ]
  },
  "subject": {
    "reference": "Patient/504"
  },
  "effectiveDateTime": "2023-05-02T00:00:00Z",
  "issued": "2023-06-09T13:53:32Z",
  "performer": [
    {
      "reference": "Practitioner/78"
    }
  ],
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "77386006",
        "display": "Pregnancy (finding)"
      }
    ]
  },
  "note": [{
    "text": "No comments for pregnancy status"
  }]
}

```



Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|82810-3

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|82810-3&date= ge2023-12-12T00:00:00Z

Pregnancy Intent

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20576

Example Response

```
{
  "resourceType": "Observation",
  "id": "20576",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-observation-
pregnancyintent"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763628902369
    }
  ],
  "identifier": [
```



```
{
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "PregnancyIntent-205"
},
{
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "social-history",
          "display": "Social History"
        }
      ]
    }
  ],
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "86645-9",
        "display": "Pregnancy intention in the next year"
      }
    ]
  },
  "subject": {
    "reference": "Patient/205"
  },
  "effectiveDateTime": "2016-10-24T14:03:00Z",
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "454381000124105",
        "display": "Not sure of desire to become pregnant (finding)"
      }
    ]
  }
}
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24651&code=http://loinc.org|86645-9

Search by patient and category and date:

GET: [base]Observation?patient=24651&category=social-history&date=ge2023-12-12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24651&code=http://loinc.org|86645-9&date= ge2023-12-12T00:00:00Z

Sexual Orientation

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20574

Example Response

```
{
  "resourceType": "Observation",
  "id": "20574",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-simple-observation"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763469507203
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "SexualOrientation-10586"
    }
  ]
}
```



```

    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "76690-7",
          "display": "Sexual orientation"
        }
      ]
    }
  ],
  "code": {
    "text": "Sexual orientation"
  },
  "subject": {
    "reference": "Patient/10586"
  },
  "effectiveDateTime": "2024-08-06T14:03:54Z",
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "20430005",
        "display": "Heterosexual"
      }
    ],
    "text": "Heterosexual"
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and category (uri) and status (code)	Required

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category= http://loinc.org| 76690-7

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category= http://loinc.org| 76690-7&status=final

Screening Assessment – Assessment Forms

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20577

Example Response

```
{
  "resourceType": "Observation",
  "id": "20577",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-observation-screening-assessment"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764056892640
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "AssessmentObservation-12447"
    }
  ],
  "status": "final",
  "category": [
    {
      "coding": [
        {

```



```

        "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
        "code": "survey",
        "display": "Survey"
      }
    ],
    {
      "coding": [
        {
          "system": "http://hl7.org/fhir/us/core/CodeSystem/us-core-category",
          "code": "sdoh",
          "display": "SDOH"
        }
      ]
    }
  ],
  "code": [
    {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "88121-9"
        }
      ]
    }
  ],
  "subject": {
    "reference": "Patient/60694"
  },
  "effectiveDateTime": "2025-09-30T13:51:04Z",
  "issued": "2025-09-30T13:51:04Z",
  "performer": [
    {
      "reference": "Practitioner/12447"
    }
  ],
  "valueString": "Score: <b>2</b></br></br></br></br>Result: <b>At risk for food
insecurity</b></br>1. Within the past 12 months I/we were worried whether our food would
run out before we got money to buy more.<b> Often True</b></br>2. Within the past 12
months the food I/we bought just didn't last and I/we didn't have the money to get
more.<b> Often True</b></br></br></br><b>Comments: </b>asdsadsadsad",
  "hasmember":
  [
    {
      "reference": "QuestionnaireResponse/12447"
    }
  ],
  "derivedfrom":
  [
    {
      "reference": "QuestionnaireResponse/12447"
    }
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and category (uri) and status (code)	Required

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category= sdoh

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category=survey&status=final

Screening Assessment – Custom Forms

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20579

Example Response

```
{
  "resourceType": "Observation",
  "id": "20579",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-observation-screening-assessment"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764077283067
    }
  ],
  "identifier": [
```

```
{
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "CustomObservation-15"
},
{
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "survey",
          "display": "Survey"
        }
      ]
    }
  ],
  "code": {
    "text": "Instructions"
  },
  "subject": {
    "reference": "Patient/399"
  },
  "effectiveDateTime": "2017-03-15T00:00:00Z",
  "issued": "2017-03-15T00:00:00Z",
  "performer": [
    {
      "reference": "Practitioner/33"
    }
  ],
  "valueString": "new group added</br>finding check</br><b> sub
finding   </b>sub</br>check goals</br>goals</br>werwer</br><b>
Instructions   </b>werewr</br>werwer</br>",
  "hasmember": [
    {
      "reference": "QuestionnaireResponse/15"
    }
  ],
  "derivedfrom": [
```

```
{
  "reference": "QuestionnaireResponse/15"
}
]
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and category (uri) and status (code)	Required

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category= survey

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category= survey&status=final



Screening Assessment – Evaluations

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/20580

Example Response

```
{
  "resourceType": "Observation",
  "id": "20579",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-observation-
screening-assessment"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764077283067
    }
  ],
  "identifier": [
```



```
{
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "EvaluationObservation-15"
},
{
  "status": "final",
  "category": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/observation-
category",
          "code": "survey",
          "display": "Survey"
        }
      ]
    }
  ],
  "code": {
    "text": "Instructions"
  },
  "subject": {
    "reference": "Patient/399"
  },
  "effectiveDateTime": "2017-03-15T00:00:00Z",
  "issued": "2017-03-15T00:00:00Z",
  "performer": [
    {
      "reference": "Practitioner/33"
    }
  ],
  "valueString": "new group added</br>finding check</br><b> sub
finding   </b>sub</br>check goals</br>goals</br>werwer</br><b>
Instructions   </b>werewr</br>werwer</br>",
  "hasmember": [
    {
      "reference": "QuestionnaireResponse/15"
    }
  ],
  "derivedfrom": [
```

```
{
  "reference": "QuestionnaireResponse/15"
}
]
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and category (uri) and status (code)	Required

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24651&category= survey

Search by patient:

GET: [base]/Observation?patient=24651

Search by patient and category and status:

GET: [base]/Observation?patient=24651&category= functional-status&status=final

Travel History

Method	Endpoint	Interaction
GET	[base url]/Observation/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Observation/24625

Example Response

```
{
  "resourceType": "Observation",
  "id": "24625",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2024-04-15T11:22:14.112+00:00",
    "source": "#bRQYghBSx69X4LaS",
    "profile": [
      "http://hl7.org/fhir/us/ecr/StructureDefinition/us-ph-travel-history"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1713180059377
    }
  ],
}
```

```

"identifier": [

  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "TravelHistory-255"

  }
],
"status": "final",
"category": [

  {
    "coding": [

      {
        "system": "http://terminology.hl7.org/CodeSystem/observation-category",
        "code": "social-history",
        "display": "Social History"

      }
    ]
  }
],
"code": {
  "coding": [

    {
      "system": "http://snomed.info/sct",
      "code": "420008001",
      "display": "Travel"

    }
  ],
  "text": "Travel History"
},
"subject": {
  "reference": "Patient/24610"
},
"effectivePeriod": {
  "start": "2024-01-01T00:00:00Z",
  "end": "2024-01-05T00:00:00Z"
},
"performer": [

  {
    "reference": "Practitioner/18863"

  }
],
"component": [

```



```
{
  "code": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/v3-ParticipationType",
        "code": "LOC",
        "display": "Location"
      }
    ]
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "urn:oid:1.0.3166.1",
        "code": "IND",
        "display": "INDIA (Country)"
      }
    ],
    "text": "Travel Notes"
  }
},
{
  "code": {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "280147009",
        "display": "Type of activity (attribute)"
      }
    ]
  },
  "valueCodeableConcept": {
    "coding": [
      {
        "system": "urn:oid:2.16.840.1.114222.4.5.274",
        "code": "PHC386",
        "display": "Business"
      }
    ]
  }
}
]
```

Method	Endpoint	Interaction
GET	[base url]/Observation?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and category (uri) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional

Example Request

Search by patient and category:

GET: [base]/Observation?patient=24610&category=social-history

Search by patient and code:

GET: [base]/Observation?patient=24610&code= http://snomed.info/sct|420008001

Search by patient and category and date:

GET: [base]Observation?patient=24610&category=social-history&date=ge2023-12- 12T00:00:00Z

Search by patient and category and status:

GET: [base]/Observation?patient=24610&category=social-history&status=final

Search by patient and code and date:

GET: [base]Observation?patient=24610&code= http://snomed.info/sct|420008001&date= ge2023-12-12T00:00:00Z

Practitioner

The Practitioner resource provides basic demographic and other administrative information about a practitioner. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Practitioner resources in JSON format.

The Practitioner resource includes:

- Practitioner (Practice Provider)
- Practitioner (Referring Provider)

Practitioner (Practice Provider)

Method	Endpoint	Interaction
GET	[base url]/Practitioner/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Practitioner/18858

Example Response

```
{
  "resourceType": "Practitioner",
  "id": "18858",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T09:32:33.081+00:00",
    "source": "#pQtofABdH7UoxN4H",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner" ]
  },
  "tag": [ {
    "system": "https://www.curemd.com/tenant",
    "code": "CMDGO"
  } ],
  "extension": [ {
```

```

    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697103093360

  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Practitioner-72"

  }, {
    "system": "http://hl7.org/fhir/sid/us-npi",
    "value": "5265467386"

  } ],
  "active": true,
  "name": [ {
    "text": "Dr Laura Crawley",
    "family": "Crawley",
    "given": [ "Laura" ],
    "prefix": [ "Dr" ]

  } ],
  "telecom": [ {
    "system": "phone",
    "value": "5558426098"

  }, {
    "system": "fax",
    "value": "5558426098"

  }, {
    "system": "email",
    "value": "lauracrawley@gmail.com"

  } ],
  "address": [ {
    "text": "647 Tara Rd NJ WASHINGTON NORTH KINGSTOWN US",
    "line": [ "647 Tara Rd" ],
    "city": "NORTH KINGSTOWN",
    "district": "WASHINGTON",
    "state": "NJ",
    "postalCode": "02852",
    "country": "US"

  } ],
  "gender": "female",
  "birthDate": "1994-09-12"
}

```

Method	Endpoint	Interaction
GET	[base url]/Practitioner?Parameter	Search



Parameters

Parameters/Parameters Combinations	Support as per US Core
name (string)	Required
identifier (string)	Required

Example Request

Search by name:

GET: [base url]/Practitioner?name=Laura

Search by identifier:

GET: [base url]/Practitioner?identifier=http://hl7.org/fhir/sid/us-npi|5265467386

Practitioner (Referring Provider)

Method	Endpoint	Interaction
GET	[base url]/Practitioner/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Practitioner/89376

Example Response

```
{
  "resourceType": "Practitioner",
  "id": "89376",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2025-12-03T12:36:40.743+00:00",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitioner"
    ]
  },
  "tag": [
    {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    }
  ],
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764765075100
    }
  ]
}
```



```

    },
    {
      "url":
"https://fhirjson.curemd.net/extensions/ProviderAffiliation",
      "valueBoolean": true
    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "ReferringProvider-21"
    },
    {
      "system": "http://hl7.org/fhir/sid/us-npi",
      "value": "4538190289"
    }
  ],
  "active": true,
  "name": [
    {
      "text": "Mike Darnell Thomas",
      "family": "Thomas",
      "given": [
        "Mike",
        "Darnell"
      ]
    }
  ],
  "telecom": [
    {
      "system": "fax",
      "value": "4654856545",
      "use": "work"
    },
    {
      "system": "phone",
      "value": "6546646847",
      "use": "work"
    }
  ],

```

```

"address": [
  {
    "text": "Davis 30 ROAD TEST Ohio NY 123123123 US",
    "line": [
      "dAVIS 30 ROAD TEST"
    ],
    "city": "Ohio",
    "state": "NY",
    "postalCode": "123123123",
    "country": "US"
  }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/Practitioner?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
name (string)	Required
identifier (string)	Required

Example Request

Search by name:

GET: [base url]/Practitioner?name=Mike

Search by identifier:

GET: [base url]/Practitioner?identifier=http://hl7.org/fhir/sid/us-npi|4538190289

Practitioner Role

The Practitioner Role resource captures the roles performed by providers within an organization or practice, including rendering, referring, supervising, ordering, and other clinical or administrative roles. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR PractitionerRole resources in JSON format.

The PractitionerRole resource includes:

- PractitionerRole (Practice Provider)
- PractitionerRole (Referring Provider)

Practitioner Role (Practice Provider)

Method	Endpoint	Interaction
GET	[base url]/PractitionerRole/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/ PractitionerRole/18858

Example Response

```
{
  "resourceType": "PractitionerRole",
  "id": "0543b87971aef55959f36e0c882aebf9",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitionerrole"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  }
}
```



```
,
"extension": [
  {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1763446425289
  }
],
"identifier": [
  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "PractitionerRole-275"
  }
],
"active": true,
"practitioner": {
  "reference": "Practitioner/168"
},
"organization": {
  "reference": "Organization/2"
},
"code": [
  {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/claimcareteamrole",
        "code": "attending",
        "display": "Attending"
      },
      {
        "system": "http://hl7.org/fhir/us/ndh/CodeSystem/PractitionerRoleCS",
        "code": "pa",
        "display": "Physician Assistant"
      },
      {
        "system": "http://terminology.hl7.org/CodeSystem/claimcareteamrole",
        "code": "rendering",
        "display": "Rendering Provider"
      }
    ]
  }
]
```



```

    }
  ],
  "specialty": [
    {
      "coding": [
        {
          "system": "urn:oid:2.16.840.1.114222.4.11.1066",
          "code": "dd",
          "display": "Dermatology"
        }
      ]
    }
  ],
  "location": [
    {
      "reference": "Location/15"
    }
  ],
  "telecom": [
    {
      "system": "phone",
      "value": "5554187629"
    },
    {
      "system": "fax",
      "value": "5553098841"
    },
    {
      "system": "email",
      "value": "alex.morgan@testmail.example"
    }
  ],
  "endpoint": [
    {
      "reference": "Endpoint/25"
    },
    {
      "reference": "Endpoint/168"
    }
  ]

```

```
]
}
```

Method	Endpoint	Interaction
GET	[base url]/PractitionerRole?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Required
practitioner	Required
specialty	Required

Example Request

Search by practitioner:

GET: [base url]/PractitionerRole?practitioner=188864

Search by identifier:

GET: [base url]/PractitionerRole?identifier=https://www.curemd.com/system-identifier/CMDGO|PractitionerRole-17666

Search by specialty:

GET: [base url]/PractitionerRole?specialty=2.16.840.1.114222.4.11.1066|dd

Practitioner Role (Referring Provider)

Method	Endpoint	Interaction
GET	[base url]/PractitionerRole/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/PractitionerRole/18858

Example Response

```
{
  "resourceType": "PractitionerRole",
  "id": "a8eeb395b7fe6e622672052196c2477b",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practitionerrole"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763462174966
    }
  ],
  "identifier": [
```



```
{
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "ReferringProviderPractitionerRole-154"
},
{
  "active": true,
  "practitioner": {
    "reference": "Practitioner/154"
  },
  "organization": {
    "reference": "Organization/2"
  },
  "code": [
    {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/claimcareteamrole",
          "code": "referring",
          "display": "Referring"
        }
      ]
    }
  ],
  "specialty": [
    {
      "coding": [
        {
          "system": "urn:oid:2.16.840.1.114222.4.11.1066",
          "code": "171100000X",
          "display": "Acupuncturist"
        }
      ]
    }
  ],
  "telecom": [
    {
      "system": "phone",
      "value": "5558675309"
    },
    {
      "use": "home",
      "system": "phone",
      "value": "5553128746"
    }
  ]
}
```



```
{
  {
    "use": "mobile",
    "system": "phone",
    "value": "5557291843"
  },
  {
    "use": "work",
    "system": "fax",
    "value": "5554986621"
  },
  {
    "use": "work",
    "system": "phone",
    "value": "5556439012"
  },
  {
    "system": "pager",
    "value": "5559012234"
  },
  {
    "system": "phone",
    "value": "5557789901"
  },
  {
    "system": "email",
    "value": "auto.test@example.com"
  }
],
  "endpoint": [
    {
      "reference": "Endpoint/25"
    }
  ]
}
```

Method	Endpoint	Interaction
GET	[base url]/PractitionerRole?Parameter	Search



Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Required
practitioner	Required
specialty	Required

Example Request

Search by practitioner:

GET: [base url]/PractitionerRole?practitioner=188864

Search by identifier:

**GET: [base url]/PractitionerRole?identifier=https://www.curemd.com/system-
identifier/CMDGO | ReferringProviderPractitionerRole-17666**

Search by specialty:

GET: [base url]/PractitionerRole?specialty=2.16.840.1.114222.4.11.1066 | dd

Endpoint

The Endpoint resource captures technical connection details for exchange of FHIR-based or Direct messaging information. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Endpoint resources in JSON format.

The Endpoint resource includes:

- Endpoint (Practice)
- Endpoint (Direct Address)

Endpoint (Practice)

Method	Endpoint	Interaction
GET	[base url]/Endpoint /Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Endpoint/18338

Example Response

```
{
  "resourceType": "Endpoint",
  "id": "18338",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-practiceendpoint"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  }
}
```



```

    "extension": [
      {
        "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
        "valueDecimal": 1763453969578
      }
    ],
    "identifier": [
      {
        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "PracticeEndpoint-2"
      }
    ],
    "status": "active",
    "connectionType": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/endpoint-connection-
type",
          "code": "hl7-fhir-rest",
          "display": "HL7 FHIR"
        }
      ]
    },
    "name": "Neighborhood Physicians",
    "managingOrganization": {
      "reference": "Organization/2"
    },
    "payloadType": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/endpoint-payload-type",
          "code": "none",
          "display": "None"
        }
      ]
    },
    "payloadMimeType": [
      "application/fhir+json",
      "application/json+fhir"
    ],
    "address": "https://fhirendpoint.curemd.net/fhir/CMDGO"
  }

```

Method	Endpoint	Interaction
GET	[base url]/Endpoint?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Optional

Example Request

Search by identifier:

GET: [base url]/Endpoint?identifier=https://www.curemd.com/system-identifier/CMDGO|PracticeEndpoint -2

Endpoint (Direct Address)

Method	Endpoint	Interaction
GET	[base url]/Endpoint/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Endpoint/18340

Example Response

```
{
  "resourceType": "Endpoint",
  "id": "18340",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/StructureDefinition/Endpoint"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763638964399
    }
  ],
  "identifier": [
```



```
{
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "DirectAddressEndpoint-2"
},
{
  "status": "active",
  "connectionType": {
    "system": "http://terminology.hl7.org/CodeSystem/endpoint-connection-type",
    "code": "direct-project"
  },
  "name": "Wayne Best",
  "managingOrganization": {
    "reference": "Organization/2"
  },
  "payloadType": [
    {
      "coding": [
        {
          "system": "urn:oid:1.3.6.1.4.1.19376.1.2.3",
          "code": "urn:ihe:iti:xds:2017:mimeTypeSufficient",
          "display": "mimeType Sufficient"
        },
        {
          "system": "urn:oid:1.3.6.1.4.1.19376.1.2.3",
          "code": "urn:ihe:pcc:xphr:2007",
          "display": "Personal Health Records"
        }
      ]
    }
  ],
  "payloadMimeType": [
    "application/xml",
    "text/xml",
    "text/csv",
    "text/plain",
    "image/gif",
    "image/jpeg",
    "image/png",
    "image/tiff",
    "image/bmp",
    "audio/wav",
  ]
}
```

```

    "audio/mpeg",
    "application/pdf",
    "application/rtf",
    "application/msword",
    "application/vnd.ms-excel",
    "application/vnd.ms-powerpoint",
    "application/vnd.openxmlformats-officedocument.wordprocessingml.document",
    "application/vnd.openxmlformats-officedocument.spreadsheetml.sheet",
    "application/vnd.openxmlformats-officedocument.presentationml.presentation",
    "application/zip",
    "application/vnd.rar",
    "image/vnd.microsoft.icon",
    "application/dicom"
  ],
  "address": "mailto:jamesparks@curemd.direct-ci-cert.com"
}

```

Method	Endpoint	Interaction
GET	[base url]/Endpoint?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Optional

Example Request

Search by identifier:

GET: [base url]/Endpoint?identifier=https://www.curemd.com/system-identifier/CMDGO|DirectAddressEndpoint -2

AllergyIntolerance

The AllergyIntolerance resource provides data about the allergies/intolerance to a specific substance (food/medication/environment etc.) associated with a patient. This resource conforms to USCDI v3.

Read or Search Interactions can be used to retrieve FHIR AllergyIntolerance resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/AllergyIntolerance/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/AllergyIntolerance/20412

Example Response

```
{
  "resourceType": "AllergyIntolerance",
  "id": "20412",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T10:16:09.121+00:00",
    "source": "#VSQZqoZ8OHPTBpUN",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-allergyintolerance" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697105708460
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "AllergyIntolerance-343"
  } ],
}
```



```

"clinicalStatus": {
  "coding": [ {
    "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-clinical",
    "code": "active",
    "display": "Active"
  } ]
},
"verificationStatus": {
  "coding": [ {
    "system": "http://terminology.hl7.org/CodeSystem/allergyintolerance-verification",
    "code": "confirmed",
    "display": "Confirmed"
  } ]
},
"category": [ "medication" ],
"code": {
  "text": "Accupril"
},
"patient": {
  "reference": "Patient/18864"
},
"onsetDateTime": "2023-10-12T06:15:08Z",
"recordedDate": "2023-10-12T06:15:08Z",
"recorder": {
  "reference": "Practitioner/18858"
},
"reaction": [ {
  "manifestation": [ {
    "coding": [ {
      "system": "http://www.snomed.org/",
      "code": "39579001",
      "display": "Anaphylaxis"
    } ],
    "text": "Anaphylaxis"
  } ],
  "severity": "mild"
}, {
  "manifestation": [ {
    "coding": [ {
      "system": "http://www.snomed.org/",
      "code": "164139008",
      "display": "Anemia"
    } ],
    "text": "Anemia"
  } ],
  "severity": "mild"
} ]

```



}

Method	Endpoint	Interaction
GET	[base url]/AllergyIntolerance?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
clinical-status (code)	Required

Example Request

Search by patient:

GET: [base url]/AllergyIntolerance?patient=18864

Search by clinical-status:

GET: [base url]/AllergyIntolerance? patient=18864&clinical-status=http://terminology.hl7.org/CodeSystem/allergyintolerance-clinical|active

Search by patient and clinical-status:

GET: [base url]/AllergyIntolerance?patient=18864&clinical-status=active

Procedure

The Procedure resource provides a record of all the procedures (current and historical) associated with a patient. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Procedure resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/ Procedure/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/ Procedure/20438

Example Response

```
{
  "resourceType": "Procedure",
  "id": "20438",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T11:17:29.751+00:00",
    "source": "#tXUUEAG0lhPl5piR",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-procedure" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697109389660
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Procedure-761"
  } ],
}
```



```

"status": "completed",
"code": {
  "coding": [
    {
      "system": "http://www.ama-assn.org/go/cpt",
      "code": "28190",
      "display": "REMOVAL FOREIGN BODY FOOT SUBCUTANEOUS"
    }
  ],
  "text": "REMOVAL FOREIGN BODY FOOT SUBCUTANEOUS"
},
"subject": {
  "reference": "Patient/18864"
},
"performedDateTime": "2023-08-31T07:16:29Z",
"recorder": {
  "reference": "Practitioner/18858"
},
"performer": [ {
  "actor": {
    "reference": "Practitioner/18857"
  },
  "onBehalfOf": {
    "reference": "Organization/18852",
    "display": "Neighborhood Physicians"
  }
} ],
"location": {
  "reference": "Location/18854",
  "display": "Pandora"
},
"outcome": {
  "text": "Successfully removed metal fragment from left foot."
}
}

```

Method	Endpoint	Interaction
GET	[base url]/Procedure?Parameter	Search



Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and date (date)	Required
patient (reference) and status (code)	Optional
patient (reference) and code (code) and date (date)	Optional

Example Request

Search by patient:

GET: [base url]/ Procedure?patient=18864

Search by patient and date:

GET: [base url]/Procedure?patient=18864&date=2023-08-31T07:16:29Z

Search by patient and status:

GET: [base url]/Procedure?patient=18864&status=completed

Search by patient and code and date:

GET: [base url]/Procedure?patient=18864&date= 2023-08-31T07:16:29Z &code=28190

Encounter

The Encounter resource incorporates the basic encounter information for an individual patient. It records the interaction between a healthcare provider and a patient for the purpose of either accessing the patient's health status or for providing healthcare service. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Encounter resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Encounter/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Encounter/20379

Example Response

```
{
  "resourceType": "Encounter",
  "id": "20379",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:48:02.743+00:00",
    "source": "#OJ2BumpREHAez3KN",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-encounter" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104022030
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Encounter-609"
  } ]
}
```



```

    } ],
    "status": "in-progress",
    "class": {
      "system": "http://terminology.hl7.org/CodeSystem/v3-ActCode",
      "code": "AMB",
      "display": "ambulatory"
    },
    },
    "type": [ {
      "text": "Progress Note"
    } ],
    },
    "subject": {
      "reference": "Patient/18864"
    },
    },
    "participant": [ {
      "type": [ {
        "coding": [ {
          "system": "http://terminology.hl7.org/CodeSystem/v3-ParticipationType",
          "code": "PPRF",
          "display": "primary performer"
        } ]
      } ]
    } ],
    "period": {
      "start": "2023-10-12T05:46:00Z"
    },
    },
    "individual": {
      "reference": "Practitioner/18858"
    }
  } ],
  "period": {
    "start": "2023-10-12T05:46:00Z"
  },
  },
  "reasonCode": [ {
    "text": "Consultation"
  } ],
  },
  "reasonReference": [
    {
      "reference": "Condition/13665"
    },
    {
      "reference": "Condition/13663"
    }
  ]

```

```

    },
    {
      "reference": "Condition/13664"
    }
  ],

  "location": [ {
    "location": {
      "reference": "Location/18856"
    }
  } ],

  "serviceProvider": {
    "reference": "Organization/18852"
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Encounter?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
id (string)	Required
patient (reference)	Required
date (date) and patient (reference)	Required
identifier (code)	Optional
patient (reference) and class (code)	Optional
patient (reference) and status (code)	Optional



Example Request

Search by id:

GET: [base url]/Encounter?_id=20379

Search by patient:

GET: [base url]/Encounter?patient=18864

Search by date and patient:

GET: [base url]/Encounter?patient=18864&date=2023-10-12T05:46:00Z

Search by identifier:

GET: [base url]/Encounter?identifier=CMDGO

Search by patient and class:

GET: [base url]/Encounter?patient=18864&class= http://terminology.hl7.org/CodeSystem/v3-ActCode|AMB

Search by patient and status:

GET: [base url]/Encounter?patient=18864&status=in-progress

CarePlan

The CarePlan resource incorporates the planned delivery of care by the practitioners to the concerned patients possibly for a specific condition(s). This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR CarePlan resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/CarePlan/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/CarePlan/20444

Example Response

```
{
  "resourceType": "CarePlan",
  "id": "20444",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T11:48:10.190+00:00",
    "source": "#qjiqJe0c3eP3cnaw",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-careplan" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "text": {
    "status": "additional",
    "div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><ul><li>Stop alcohol consumption</li><li>Stop smoking</li><li>Reduce weight by 15 kg</li><li>Reduce cholesterol levels</li></ul></div>"
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697111230167
  } ]
}
```

```

    }
  ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "CarePlan-1"

  }
],
  "status": "active",
  "intent": "plan",
  "category": [ {
    "coding": [ {
      "system": "http://hl7.org/fhir/us/core/CodeSystem/careplan-category",
      "code": "assess-plan"

    } ]
  } ],
  "subject": {
    "reference": "Patient/18864"

  },
  "created": "2022-03-31T06:07:07Z",
  "author": {
    "reference": "Practitioner/18859"

  },
  "goal": [
  {
    "reference": "Goal/20442"

  },
  {
    "reference": "Goal/20440"

  },
  {
    "reference": "Goal/20443"

  }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/CarePlan?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and category (code)	Required
patient (reference)and category (code) and date (date)	Optional
patient (reference) and category (code) and status (code)	Optional
patient (reference) and category (code) and status (code) and date (date)	Optional

Example Request

Search by patient and category:

GET: [base url]/CarePlan?patient=18864&category= <http://hl7.org/fhir/us/core/CodeSystem/careplan-category>|assess-plan

Search by patient and category and date:

GET: [base url]/CarePlan?patient=18864&category= <http://hl7.org/fhir/us/core/CodeSystem/careplan-category>|assess-plan&date=2022-03-31T06:07:07Z

Search by patient and category and status:

GET: [base url]/CarePlan?patient=18864&category= <http://hl7.org/fhir/us/core/CodeSystem/careplan-category>|assess-plan&status=active

Search by patient and category and status and date:

GET: [base url]/CarePlan?patient=18864&category= <http://hl7.org/fhir/us/core/CodeSystem/careplan-category>|assess-plan&status=active&date=2022-03-31T06:07:07Z

Organization

The Organization resource incorporates the basic information of the organization associated with a provider or a patient. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Organization resources in JSON format.

Organization resource includes:

- Organization (Practice)
- Organization (Payer Organization)
- Organization (Pharmacy)

Organization (Practice)

Method	Endpoint	Interaction
GET	[base url]/Organization/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Organization/18852

Example Response

```
{ "resourceType": "Organization",
  "id": "18852",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T09:29:23.970+00:00",
    "source": "#xsJqPj70EeMiiPDM",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-organization"
  ],
  "tag": [ {
    "system": "https://www.curemd.com/tenant",
    "code": "CMDGO"
```



```

    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697102904090
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Organization-2"
  }, {
    "system": "http://hl7.org/fhir/sid/us-npi",
    "value": "1245319599"
  } ],
  "active": true,
  "type": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/organization-type",
      "code": "prov",
      "display": "Healthcare Provider" } ]
  } ],
  "name": "Neighborhood Physicians",
  "telecom": [ {
    "system": "phone",
    "value": "3559731003"
  }, {
    "system": "fax",
    "value": "6732441234"
  }, {
    "system": "email",
    "value": "mark@curemd.com"
  }, {
    "system": "url",
    "value": "mark.com"
  } ],
  "address": [ {
    "text": "24751 BEAVERTON CRAVEN OR 97006 US",
    "line": [ "24751"],
    "city": "BEAVERTON",
    "district": "CRAVEN",
    "state": "OR",
    "postalCode": "97006",
    "country": "US"
  } ]
}

```



Method	Endpoint	Interaction
GET	[base url]/Organization?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
name (string)	Required
address (string)	Required

Example Request

Search by name:

GET: [base url]/Organization?name=Neighborhood Physicians

Search by address:

GET: [base url]/Organization?address=24751 BEAVERTON CRAVEN OR 97006 US

Organization (Payer Organization)

Method	Endpoint	Interaction
GET	[base url]/Organization/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Organization/88843

Example Response

```
{
  "resourceType": "Organization",
  "id": "88843",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2025-12-03T12:33:15.453+00:00",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-organization"
    ]
  },
  "tag": [
    {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    }
  ],
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764765073133
    }
  ],
  "identifier": [
    {

```



```

        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "OrganizationInsurer-29-PAPER"
    }
],
    "active": true,
    "type": [
        {
            "coding": [
                {
                    "system":
"http://terminology.hl7.org/CodeSystem/organization-type",
                    "code": "pay",
                    "display": "Payer"
                }
            ]
        }
    ],
    "name": "ACCESS MEDICARE",
    "telecom": [
        {
            "system": "phone",
            "value": "4543535353"
        },
        {
            "system": "phone",
            "value": "8047866273"
        }
    ],
    "address": [
        {
            "text": "PO BOX 20019 NASHVILLE TN 37202 US",
            "line": [
                "PO BOX 20019"
            ],
            "city": "NASHVILLE",
            "state": "TN",
            "postalCode": "37202",
            "country": "US"
        }
    ],
    {

```



```

    "text": "test1111111 testewe AK 01876 US",
    "line": [

        "test1111111"
    ],
    "city": "testewe",
    "state": "AK",
    "postalCode": "01876",
    "country": "US"
},
{
    "text": "PO BOX 27443 RICHMOND VA 232617443 US",
    "line": [

        "PO BOX 27443"
    ],
    "city": "RICHMOND",
    "state": "VA",
    "postalCode": "232617443",
    "country": "US"
},
{
    "text": "6006 N MESA STREET SUITE 108 EI PASO TX 79912 US",
    "line": [

        "6006 N MESA STREET SUITE 108"
    ],
    "city": "EI PASO",
    "state": "TX",
    "postalCode": "79912",
    "country": "US"
},
{
    "text": "P.O. BOX 14116 LEXINGTON KY 40512 US",
    "line": [

        "P.O. BOX 14116"
    ],
    "city": "LEXINGTON",
    "state": "KY",
    "postalCode": "40512",
    "country": "US"
}
]
}

```



Method	Endpoint	Interaction
GET	[base url]/Organization?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
name (string)	Required
address (string)	Required
type (string)	Required

Example Request

Search by name:

GET: [base url]/Organization?name= ACCESS MEDICARE

Search by address:

GET: [base url]/Organization?address=PO BOX 27443 RICHMOND VA 232617443 US

Search by type:

GET: [base url]/Organization?type=pay

Organization (Pharmacy)

Method	Endpoint	Interaction
GET	[base url]/Organization/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Organization/88705

Example Response

```
{
  "resourceType": "Organization",
  "id": "88705",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2025-12-03T12:32:23.736+00:00",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-organization"
    ]
  },
  "tag": [
    {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    }
  ],
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764765024653
    }
  ]
}
```



```

    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "OrganizationPharmacy-513986"
    },
    {
      "system": "http://hl7.org/fhir/sid/us-npi",
      "value": "1669920310"
    }
  ],
  "active": false,
  "type": [
    {
      "coding": [
        {
          "system":
"http://terminology.hl7.org/CodeSystem/organization-type",
          "code": "prov",
          "display": "Healthcare Provider"
        }
      ]
    }
  ],
  "name": "CVS/pharmacy #17692",
  "telecom": [
    {
      "system": "phone",
      "value": "5163263579",
      "use": "work"
    },
    {
      "system": "fax",
      "value": "5162844750",
      "use": "work"
    }
  ],
  "address": [
    {

```

```

    "text": "1730 Hempstead Turnpike Elmont NY 11003 US",
    "line": [

        "1730 Hempstead Turnpike"
    ],
    "city": "Elmont",
    "state": "NY",
    "postalCode": "11003",
    "country": "US"
}
]
}

```

Method	Endpoint	Interaction
GET	[base url]/Organization?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
name (string)	Required
address (string)	Required

Example Request

Search by name:

GET: [base url]/Organization?name=CVS/pharmacy #17692

Search by address:

GET: [base url]/Organization?address=1730 Hempstead Turnpike Elmont NY 11003 US

Device

The Device resource records the information of all the current and old implantable devices associated with a patient. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Device resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Device/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Device/20445

Example Response

```
{
  "resourceType": "Device",
  "id": "20445",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T12:38:46.685+00:00",
    "source": "#L43XDFpenGzodalz",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-implantable-device" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697114267183
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Device-14"
  } ]
}
```

```

    } ],
    "udiCarrier": [ {
      "deviceIdentifier": "W4146EB0003T0475",
      "carrierHRF":
"=/W4146EB0003T0475=,000025=A99971312345600=>014032=}013032&,10000000000000XYZ123",
      "entryType": "manual"

    } ],
    "status": "active",
    "distinctIdentifier": "A99971312345600",
    "manufacturer": "Vivorte, Inc",
    "manufactureDate": "2013-02-01T12:00:00Z",
    "expirationDate": "2014-02-01T12:00:00Z",
    "lotNumber": "000000000000XYZ123",
    "serialNumber": "000025",
    "deviceName": [
    {
      "name": "Calcium compound bone void filler with DBM (3 cc), previously sold under
Trabexus® EB brand name.",
      "type": "manufacturer-name"

    } ],
    "modelName": "3 cc",
    "type": {
      "coding": [
      {
        "system": "http://www.snomed.org/",
        "code": "701668008",
        "display": "Cadaveric-donor/synthetic mineral bone graft (physical object)"

      } ]
    },
    "version": [
    {
      "value": "3 cc"

    }
  ],
  "patient": {
    "reference": "Patient/18864"

  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Device?Parameter	Search



Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and type (code)	Support

Example Request

Search by patient:

GET: [base url]/Device?patient=18864

Search by patient and type:

GET: [base url]/Device?patient=18864&type=701668008

Goal

The Goal resource describes a specific health state of a patient that needs to be achieved over a certain period of time. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Goal resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Goal/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Goal/20442

Example Response

```
{
  "resourceType": "Goal",
  "id": "20442",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T11:45:07.272+00:00",
    "source": "#G4qUmI649ND7gVdT",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-goal" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697111046960
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Goal-1"
  } ],
  "lifecycleStatus": "completed",
}
```

```
{
  "description": {
    "text": "Decrease Smoking"
  },
  "subject": {
    "reference": "Patient/18864"
  },
  "target": [ {
    "measure": {
      "text": "Patient has to reduce their smoking habit to a maximum of 2 cigarettes
per day"
    },
    "dueDate": "2022-12-31"
  } ],
  "statusDate": "2022-04-25"
}
```

Method	Endpoint	Interaction
GET	[base url]/Goal?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient	Required
patient and lifecycle-status	Optional
patient and target-date	Optional

Example Request

Search by patient:

GET: [base url]/Goal?patient=18864

Search by patient and lifecycle-status:

GET: [base url]/Goal?patient=18864&lifecycle-status=completed

Search by patient and target-date:

GET: [base url]/Goal?patient=18864&target-date=2022-12-31

Provenance

Provenance resources are a record-keeping assertion that gathers information about the context in which the information in a resource was obtained. Provenance is available for all Resources listed in the US Core 3.1.1 Provenance implementation guidance. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Provenance resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Provenance/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Provenance/20402

Example Response

```
{
  "resourceType": "Provenance",
  "id": "20402",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:53:08.191+00:00",
    "source": "#Zt9x0CvrEmQIk9v7",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-provenance" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104327963
  } ],
  "target": [ {
    "reference": "Observation/20401"
  } ]
}
```

```

    } ],
    "recorded": "2023-10-12T05:52:07Z",
    "agent": [ {
      "type": {
        "coding": [ {
          "system": "http://terminology.hl7.org/CodeSystem/provenance-participant-
type",
          "code": "author",
          "display": "Author"
        } ]
      },
      "who": {
        "reference": "Practitioner/18858"
      },
      "onBehalfOf": {
        "reference": "Organization/18852"
      }
    } ]
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/[Resource]?Parameters	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient id (string) and _revinclude=Provenance:target	Required
id of [Resource] (string) and _revinclude=Provenance:target	Required

Example Request

Search by patient id and _revinclude=Provenance:target:

GET: [base url]/Immunization?patient=18864&_revinclude=Provenance:target

Search by id of [Resource] and _revinclude=Provenance:target:

GET: [base url]/Observation?_id=20401&_revinclude=Provenance:target

Document Reference

A DocumentReference resource is used to index a document, clinical note, and other binary objects to make them available to a healthcare system. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR DocumentReference resources in JSON format.

The Document Reference resource contains:

- DocumentReference (Clinical Note Document)
- DocumentReference (Diagnostic Report Document)

DocumentReference (Clinical Note Document)

Method	Endpoint	Interaction
GET	[base url]/DocumentReference/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/DocumentReference/20400

Example Response

```
{
  "resourceType": "DocumentReference",
  "id": "20400",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:53:03.770+00:00",
    "source": "#DPJYwoM3PCZqpynz",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-documentreference"
    ]
  },
  "clinicalNote": {
    "text": {
      "status": "completed",
      "div": "A patient with a history of hypertension and diabetes mellitus presented to the clinic for a routine follow-up. The patient reported no new symptoms and was on their regular medications. The physical examination was within normal limits. The blood pressure was 120/80 mmHg and the blood glucose level was 100 mg/dL. The patient was advised to continue with their current treatment and to return for a follow-up in 6 months."
    }
  }
}
```



```

    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ],
    "extension": [
      {
        "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
        "valueDecimal": 1697104022037
      }
    ],
    "identifier": [
      {
        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "ClinicalNoteDocument-609"
      }
    ],
    "status": "current",
    "type": {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "11506-3",
          "display": "Progress note"
        }
      ]
    },
    "category": [
      {
        "coding": [
          {
            "system": "http://hl7.org/fhir/us/core/CodeSystem/us-core-
documentreference-category",
            "code": "clinical-note",
            "display": "Clinical Note"
          }
        ]
      }
    ]

```

```

    },
  ],
  "subject": {
    "reference": "Patient/18864"

  },
  "date": "2023-10-12T05:46:00Z",
  "author": [

    {
      "reference": "Practitioner/18858"

    }
  ],
  "custodian": {
    "reference": "Organization/18852"

  },
  "content": [

    {
      "attachment": {
        "contentType": "text/html",
        "data":
"PHAgY2xhc3M9InNlcHJhdG9yIj4mbmJzcDs8L3A+PGRpdjBpZD0iYnRufn4zMdCyczIiPjxiPlZpdGFsIFNpZ25zPC9iPjxicj48Yj4gPC9iPlldlaWdodCAzNSBsYnMgTGvUz3RoIDMnIDInJywgQlNBIDAuNjQgbSBzcSwgQk1JIDE3LjAzIGtnL20gc3EsIEJNSSBQZXJjZW50aWxlIDc1LjY1JSwgQ2F0ZWdvcnkgTm9ybWFsIFdlaWdodCwgSGVhZCBDaXJjdWlmZXJlbnNlIDE2IEluY2gsIFRlbXAgOTggRiwiUHVsY2UgNzggYi9tICwgUmVzcGlyYXRpb24gMTkgYi9tLCBCCUCAXMTAvNzUgbW0vSGcgLCBTeXN0b2xpYyBCUCBQZXJjZW50aWxlIDk2Ljg2JSwgRG1hc3RvbG1jIEJQIFBlcmNlbnRpbGUgOTguMzU1LCBTQU8yIDk4JSAsIEZJTzIgMjEsIFBlYWsgRXhwaXJhdG9yeSBGbG93IFJhdGUgNTEwIFRha2VuIG9uIE9jdCAxMiwgMjAyMyBhdCA1OjQ3IEFNIGJ5IERyIENyYXdsZXksIEhhdXJhPGJyPjwvZGl2PiZuYnNwOzwIGNsYXNzPSJzZXByYXRvciI+Jm5ic3A7PC9wPjxkaXYgaWQ9ImJ0bn5+MzA3M3M1Ij48Yj5QcmVzY3JpcHRpb248L2I+PGJyPjxiPlNwb3Jhbm94IDEwMjBhbnRyBPCmFsIENhcHN1bGU6PC91PiAgMiBDYXBzdWxlKHMpIGRhaWx5IE9yYWwsICBtdGFydCAxMC8xMi8yMDIzLCAgRW5kIDEwLzI3LzIwMjMsICBRdHkgMzAgQ2Fwc3VsZShzKSAgRm9yIDE1IERheShzKTxicj48L2Rpdj4mbmJzcDs8cCBjbGFzc0ic2VwcmF0b3IiPiZuYnNwOzwvZD48ZGl2IGlkPSJidG5+fjMwNzRzMjEiPjxiPlNvY2lhbCBiXN0b3J5PC9iPjxicj48dT5Ub2JhY2NvOjwvdT4gQ3VycmVudCwgRXZlcnkgZGF5IHNtb2tlciwgQ2lnYXJldHRlLCAgMSBQYWNrIGEGZGF5ICBmb3IgmjBZZWFycyAgIFJlZmVycmFsIHRvIHNoY3Atc21va2luZyBjbGluaWwMuIDxicj48dT5PY2NlcGF0aW9uOjwvdT4gIFByZXNlbnQ6IExlZ2lzbGF0b3JzICA8YnI+PHU+VHJhdMVsOjwvdT4gVG86IDA3LzE1LzIwMjMsIEZyb206IDA2LzE1LzIwMjMsIFRyYXZlbCBQdXJwb3N1OjBBAxJsaW5lL3NoaXAgY3JldywgTG9jYXRpb246IEFGR0hBTklTVEFOLCBQUtJU1RBtIiwgQ29tbWVudHM6IE5vIGNvbW1lbnRzPGJyPjwvZGl2PjxiPlNvY2lhbCBiXN0b3J5PC9wPg==",
        "creation": "2023-10-12T05:47:02Z"

      },
      "format": {
        "system": "http://ihe.net/fhir/ValueSet/IHE.FormatCode.codesystem",
        "code": "urn:ihe:iti:xds:2017:mimeTypeSufficient",
        "display": "mimeType Sufficient"

      }

    }

  ],
  "context": {

```

```

    "encounter": [
      {
        "reference": "Encounter/20379"
      }
    ],
    "period": {
      "start": "2023-10-12T05:46:00Z"
    }
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/DocumentReference?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
id (string)	Required
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and type (uri)	Required
patient (reference) and status (string)	Optional
patient (reference) and type (uri) and period (date)	Optional



Example Request

Search by patient:

GET: [base url]/DocumentReference?patient=18864

Search by patient and category:

GET: [base url]/DocumentReference?patient=18864&category=http://hl7.org/fhir/us/core/CodeSystem/us-core-documentreference-category|clinical-note

Search by patient and category and date:

GET: [base url]/DocumentReference?patient=18864&category=http://hl7.org/fhir/us/core/CodeSystem/us-core-documentreference-category|clinical-note&date=ge2023

Search by patient and type:

GET: [base url]/DocumentReference?patient=18864&type=http://loinc.org|11506-3

Search by patient and status:

GET: [base url]/DocumentReference?patient=18864&status=current

Search by patient and type and period:

GET: [base url]/DocumentReference?patient=18864&type=http://loinc.org|11506-3&period=ge2023

DocumentReference (Result Attachements)

Method	Endpoint	Interaction
GET	[base url]/DocumentReference/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/DocumentReference/20400

Example Response

```
{
  "resourceType": "DocumentReference",
  "id": "135772",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2025-12-03T23:48:08.994+00:00",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-documentreference"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764765338283
    }
  ]
}
```

```

],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "DiagnosticReportDocument-533"
    }
  ],
  "status": "current",
  "type": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "68604-8",
        "display": "Radiology Diagnostic study note"
      }
    ]
  },
  "category": [
    {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "LP29684-5",
          "display": "RAD"
        }
      ]
    }
  ],
  "subject": {
    "reference": "Patient/90233"
  },
  "date": "2022-06-27T05:24:38Z",
  "author": [
    {
      "reference": "Practitioner/89134"
    }
  ],
  "custodian": {
    "reference": "Organization/88549"
  }

```

```

    },
    "content": [
      {
        "attachment": {
          "contentType": "image/png",
          "url": "ScannedDocument/635722",
          "title": "Screen 1"
        },
        "format": {
          "system":
"http://ihe.net/fhir/ValueSet/IHE.FormatCode.codesystem",
          "code": "urn:ihe:iti:xds:2017:mimeTypeSufficient",
          "display": "mimeType Sufficient"
        }
      }
    ]
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/DocumentReference?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
id (string)	Required
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) and type (uri)	Required
patient (reference) and status (string)	Optional
patient (reference) and type (uri) and period (date)	Optional



Example Request

Search by patient:

GET: [base url]/DocumentReference?patient=90233

Search by patient and category:

GET: [base url]/DocumentReference?patient=90233&category= http://loinc.org |LP29684-5

Search by patient and category and date:

GET: [base url]/DocumentReference?patient=90233&category= http://loinc.org |LP29684-5&date=ge2023

Search by patient and type:

GET: [base url]/DocumentReference?patient=90233&type=http://loinc.org |68604-8

Search by patient and status:

GET: [base url]/DocumentReference?patient=90233&status=current

Search by patient and type and period:

GET: [base url]/DocumentReference?patient=90233&type=http://loinc.org |68604-8&period=ge2023

Location

Details and position information for a physical place where healthcare services are provided. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Location resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Location/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Location/18856

Example Response

```
{
  "resourceType": "Location",
  "id": "18856",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T09:30:56.711+00:00",
    "source": "#bfNRGKUeD6FBWKdn",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-location" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697102997327
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Location-15"
  } ],
  "status": "active",
```

```
{
  "name": "Sunset Family Practice",
  "description": "12345670",
  "mode": "instance",
  "telecom": [ {
    "system": "phone",
    "value": "543555-244"
  } ],
  "address": {
    "text": "108 River Side Boulevard AZ Any Town US",
    "line": [ "108 River Side Boulevard" ],
    "city": "Any Town",
    "state": "AZ",
    "postalCode": "87020",
    "country": "US"
  },
  "managingOrganization": {
    "reference": "Organization/18852"
  }
}
```

Method	Endpoint	Interaction
GET	[base url]/Location?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
name (string)	Required
address (string)	Required
address-city (string)	Optional
address-state (string)	Optional
address-postalcode (string)	Optional



Example Request

Search by name:

GET: [base url]/Location?name=Sunset Family Practice

Search by address:

GET: [base url]/Location?address=108 River Side Boulevard Lake City AZ 87020 US

Search by address-city:

GET: [base url]/Location?address-city=Lake City

Search by address-city:

GET: [base url]/Location?address-state=AZ

Search by address-city:

GET: [base url]/Location?address-postalcode=87020

Diagnostic Report

A Diagnostic Report is the set of information that is typically provided by a diagnostic service when investigations are complete. This resource conforms to USCDiv3.

The following two profiles are supported for this Resource:

- DiagnosticReport Profile for Laboratory Results Reporting
- DiagnosticReport Profile for Report and Note exchange

Read or Search Interactions can be used to retrieve FHIR DiagnosticReport resources in JSON format.

Diagnostic Report for Laboratory Results Reporting

Method	Endpoint	Interaction
GET	[base url]/DiagnosticReport/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/DiagnosticReport/20427

Example Response

```
{
  "resourceType": "DiagnosticReport",
  "id": "20427",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T11:05:48.407+00:00",
    "source": "#D9IMn8mWJD3IBM19",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-diagnosticreport-lab" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  }
}
```



```

    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697108300543
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "DiagnosticReportForLabResults-824"
  } ],
  "status": "final",
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/v2-0074",
      "code": "LAB",
      "display": "Laboratory"
    } ]
  } ],
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "90224-7"
    } ],
    {
      "system": "urn:oid:2.16.840.1.113883.3.669.101.123.1",
      "code": "000455",
      "display": "Thyroid Panel"
    }
  ],
  "text": "Thyroid Panel"
},
"subject": {
  "reference": "Patient/18864"
},
"effectiveDateTime": "2023-10-12T06:58:00Z",
"issued": "2023-10-12T06:58:20Z",
"performer": [ {
  "reference": "Practitioner/18860"
} ],
"result": [ {
  "reference": "Observation/20425"
}, {
  "reference": "Observation/20424"
}, {
  "reference": "Observation/20422"
}, {
  "reference": "Observation/20420"
} ] ]

```

Method	Endpoint	Interaction
GET	[base url]/DiagnosticReport?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) status (string)	Optional
patient (reference) and code (code) and date(date)	Optional

Example Request

Search by patient:

GET: [base url]/DiagnosticReport?patient=18864

Search by patient and category:

GET: [base url]/DiagnosticReport?patient=18864

&category=http://terminology.hl7.org/CodeSystem/v2-0074|LAB

Search by patient and code:

GET: [base url]/DiagnosticReport?patient=18864&code= http://loinc.org | 90224-7

Search by patient and category and date:

GET: [base url]/DiagnosticReport?patient=18864

&category=http://terminology.hl7.org/CodeSystem/v2-0074|LAB&date=2023-10-12T06:58:00Z



Search by patient and status:

GET: [base url]/DiagnosticReport?patient=18864&status=final

Search by patient and code and date:

GET: [base url]/DiagnosticReport?patient=18864&code=http://loinc.org |90224-7&date=2023-10-12T06:58:00Z

Diagnostic Report for Report & Note Exchange

Method	Endpoint	Interaction
GET	[base url]/DiagnosticReport/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/DiagnosticReport/20419

Example Response

```
{
  "resourceType": "DiagnosticReport",
  "id": "20419",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-diagnosticreport-note"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763470711566
    },
    {
      "url": "https://fhirjson.curemd.net/extensions/OrderNumber",
```

```

        "valueString": "P85202243141"
    }
],
    "identifier": [
        {
            "system": "https://www.curemd.com/system-identifier/CMDGO",
            "value": "DiagnosticReportForNoteExchange-590"
        }
    ],
    "basedOn": [
        {
            "reference": "ServiceRequest/590"
        }
    ],
    "status": "partial",
    "category": [
        {
            "coding": [
                {
                    "system": "http://loinc.org",
                    "code": "LP29708-2",
                    "display": "Cardiology"
                }
            ]
        }
    ],
    "code": {
        "coding": [
            {
                "system": "http://www.ama-assn.org/go/cpt",
                "code": "40806",
                "display": "INCISION OF LABIAL FRENUM (FRENOTOMY)"
            }
        ],
        "text": "INCISION OF LABIAL FRENUM (FRENOTOMY) "
    },
    "subject": {
        "reference": "Patient/494"
    }
}

```

```

    },
    "effectiveDateTime": "2022-08-05T08:38:44Z",
    "issued": "2022-08-05T08:38:44Z",
    "performer": [
      {
        "reference": "Practitioner/72"
      }
    ],
    "media": [
      {
        "link": {
          "reference": "Media/635745"
        }
      }
    ],
    "presentedForm": [
      {
        "contentType": "image/jpeg",
        "title": "thumbnail_Patient Banner",
        "url": "ScannedDocument/635745"
      },
      {
        "contentType": "application/pdf",
        "title": "Rescheduling workflow - Final",
        "url": "ScannedDocument/635743"
      },
      {
        "contentType": "application/pdf",
        "title": "69_5-8-2022_4-38-43",
        "url": "Cardiology/590/1"
      }
    ]
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/DiagnsoticReport?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and date (date)	Required
patient (reference) status (string)	Optional
patient (reference) and code (code) and date(date)	Optional

Example Request

Search by patient:

GET: [base url]/DiagnosticReport?patient=18864

Search by patient and category:

GET: [base url]/DiagnosticReport?patient=18864 &category=http://loinc.org|LP7839-6

Search by patient and code:

GET: [base url]/DiagnosticReport?patient=18864&code=http://loinc.org |90224-7

Search by patient and category and date:

GET: [base url]/DiagnosticReport?patient=18864 &category=http://loinc.org|LP7839-6&date=2023-10-12T06:58:00Z

Search by patient and status:

GET: [base url]/DiagnosticReport?patient=18864&status=final

Search by patient and code and date:

GET: [base url]/DiagnosticReport?patient=18864&code=http://loinc.org |90224-7&date=2023-10-12T06:58:00Z

Care Team

The Care Team includes all the people and organizations who plan to participate in the coordination and delivery of care for a patient. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR CareTeam resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/CareTeam/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/CareTeam/20441

Example Response

```
{
  "resourceType": "CareTeam",
  "id": "280773",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-careteam"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763024673337
    }
  ],
  "identifier": [
    {
```



```

      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "CareTeam-10586"
    }
  ],
  "status": "active",
  "category": [
    {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "LA28865-6",
          "display": "Longitudinal care-coordination focused care team"
        }
      ],
      "text": "Longitudinal care-coordination focused care team"
    }
  ],
  "subject": {
    "reference": "Patient/44675"
  },
  "participant": [
    {
      "role": [
        {
          "text": "Referring Provider"
        }
      ],
      "member": {
        "reference": "Practitioner/1"
      }
    },
    {
      "role": [
        {
          "text": "Primary Care Provider"
        }
      ],
      "member": {
        "reference": "Practitioner/1"
      }
    },
    {
      "role": [
        {

```



```

        "text": "Rendering Provider"
      }
    ],
    "member": {
      "reference": "Practitioner/2"
    }
  },
  {
    "role": [
      {
        "text": "Managing Organization"
      }
    ],
    "member": {
      "reference": "Organization/3"
    }
  },
  {
    "role": [
      {
        "text": "Encounter Participant"
      }
    ],
    "member": {
      "reference": "Practitioner/4"
    }
  },
  {
    "role": [
      {
        "text": "Encounter Participant"
      }
    ],
    "member": {
      "reference": "Practitioner/2000"
    }
  },
  {
    "role": [
      {
        "text": "Encounter Participant"
      }
    ],
    "member": {
      "reference": "Practitioner/20011"
    }
  }

```

```

    }
  },
  {
    "role": [
      {
        "text": "Encounter Participant"
      }
    ],
    "member": {
      "reference": "Practitioner/200123"
    }
  }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/CareTeam?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and status (code)	Required

Example Request

Search by patient and status:

GET: [base url]/CareTeam?patient=18864&status=active

Media

The Media resource captures digital media content such as images, videos, or audio files associated with a patient's clinical care, including scans, photos, or recordings. This resource conforms to USCDI v3. Read or Search Interactions can be used to retrieve FHIR Media resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Media/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Media/20441

Example Response

```
{
  "resourceType": "Media",
  "id": "20441",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-media"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763455551489
    }
  ]
}
```



```

    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "Media-2"
    }
  ],
  "status": "completed",
  "type": {
    "coding": [
      {
        "system": "http://terminology.hl7.org/CodeSystem/media-type",
        "code": "image",
        "display": "Image"
      }
    ]
  },
},
"subject": {
  "reference": "Patient/297"
},
"createdDateTime": "2017-01-02T13:54:45Z",
"content": {
  "attachment": [
    {
      "contentType": "image/png",
      "title": "active x",
      "url": "ScannedDocument/2"
    }
  ],
  "format": {
    "coding": [
      {
        "system": "http://ihe.net/fhir/ValueSet/IHE.FormatCode.codesystem",
        "code": "urn:ihe:iti:xds:2017:mimeTypeSufficient",
        "display": "mimeType Sufficient"
      }
    ]
  }
}
}

```



Method	Endpoint	Interaction
GET	[base url]/Media?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Optional

Example Request

Search by patient:

GET: [base url]/Media?patient=18864

Condition

The Condition resource is used to record detailed information about a condition, problem, diagnosis, or other event, situation, issue, or clinical concept that has risen to a level of concern. Often times, a condition is about a clinician's assessment and assertion of a particular aspect of a patient's state of health. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Condition resources in JSON format.

Condition resource includes:

- Problems and health concerns
- Encounter Diagnosis
- Pregnancy Status Conditions

Condition – Problems and Health Concerns

Method	Endpoint	Interaction
GET	[base url]/Condition/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Condition/20418

Example Response

```
{
  "resourceType": "Condition",
  "id": "65046451",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition-problems-
health-concerns"
    ],
    "tag": [
```

```

        {
            "system": "https://www.curemd.com/tenant",
            "code": "CMDGO"
        }
    ],
    "extension": [
        {
            "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
            "valueDecimal": 1763452181720
        },
        {
            "url": "http://hl7.org/fhir/StructureDefinition/condition-assertedDate",
            "valueDateTime": "2016-12-02T05:00:00Z"
        }
    ],
    "identifier": [
        {
            "system": "https://www.curemd.com/system-identifier/CMDGO",
            "value": "Condition-270"
        }
    ],
    "text": {
        "status": "generated",
        "div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative</b></p><p><b>Diagnosis</b>: Cholera due to Vibrio cholerae 01, biovar cholerae</p><p><b>Clinical Status</b>: Active</p><p><b>Category</b>: Problem List Item</p><p><b>Onset</b>: </p><p><b>Severity</b>: </p><p><b>Recorded Date</b>: 2016-12-02T12:58:10Z</p></div>"
    },
    "clinicalStatus": {
        "coding": [
            {
                "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
                "code": "active",
                "display": "Active"
            }
        ]
    },
    "category": [
        {
            "coding": [
                {
                    "system": "http://terminology.hl7.org/CodeSystem/condition-
category",
                    "code": "problem-list-item",
                    "display": "Problem List Item"
                }
            ]
        }
    ]
}

```

```

    }
  ]
},
"code": {
  "coding": [
    {
      "system": "http://hl7.org/fhir/sid/icd-10-cm",
      "code": "A00.0",
      "display": "Cholera due to Vibrio cholerae 01, biovar cholerae"
    }
  ],
  "text": "Cholera due to Vibrio cholerae 01, biovar cholerae"
},
"subject": {
  "reference": "Patient/98765"
},
"recordedDate": "2016-12-02T12:58:10Z",
"recorder": {
  "reference": "Practitioner/23445"
}
}

```

Method	Endpoint	Interaction
GET	[base url]/Condition?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and clinical-status (code)	Optional
patient (reference) and category (code)	Optional
patient (reference) and code (code)	Optional
patient (reference) and onset (code)	Optional
patient (reference) and onsetDatetime	Optional

patient (reference) and onset-date (date)	Optional
patient (reference) and encounter (reference)	Optional
patient (reference) and asserted-date (date)	Optional
patient (reference) and recorded-date (date)	Optional
patient (reference) and abatement-date (date)	Optional

Example Request

Search by patient:

GET: [base url]/Condition?patient=18864

Search by patient and clinical-status:

GET: [base url]/Condition? patient=18864&clinical-status=http://terminology.hl7.org/CodeSystem/condition-clinical|active

Search by patient and category:

GET: [baseurl]/Condition?patient=18864
&category=http://terminology.hl7.org/CodeSystem/condition-category|problem-list-item

Search by patient and code:

GET: [base url]/Condition?patient=18864&code=http://hl7.org/fhir/sid/icd-10-cm |A00.0

Search by patient and onset-date:

GET: [base url]/Condition?patient=18864&onset-date=2016-01-01

Search by patient and encounter:

GET: [base url]/Condition?patient=18864&encounter=54646

Search by patient and asserted-date:

GET: [base url]/Condition?patient=18864&asserted-date=2016-12-02

Search by patient and recorded-date:

GET: [base url]/Condition?patient=18864&recorded-date=2023-10-02

Search by patient and abatement-date:

GET: [base url]/Condition?patient=18864&abatement-date=2023-10-17

Condition – Encounter Diagnosis

Method	Endpoint	Interaction
GET	[base url]/Condition/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Condition/174164

Example Response

```
{
  "resourceType": "Condition",
  "id": "174164",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2025-12-08T09:39:53.873+00:00",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition-encounter-diagnosis"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "text": {
    "status": "generated",
    "div": "<div xmlns=\"http://www.w3.org/1999/xhtml\"><p><b>Generated Narrative</b></p><p><b>Diagnosis</b>: Acute gonorrhea of genitourinary tract</p><p><b>Clinical Status</b>: Active</p><p><b>Category</b>: Encounter Diagnosis</p><p><b>Onset</b>: 2016-10-19</p><p><b>Recorded Date</b>: 2016-10-18T07:05:17Z</p></div>"
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",

```



```

        "valueDecimal": 1765186620763
      },
      {
        "url": "http://hl7.org/fhir/StructureDefinition/condition-
assertedDate",
        "valueDateTime": "2007-01-17T05:00:00Z"
      }
    ],
    "identifier": [
      {
        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "Condition-10"
      }
    ],
    "clinicalStatus": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/condition-
clinical",
          "code": "active",
          "display": "Active"
        }
      ]
    },
    "category": [
      {
        "coding": [
          {
            "system":
"http://terminology.hl7.org/CodeSystem/condition-category",
            "code": "encounter-diagnosis",
            "display": "Encounter Diagnosis"
          }
        ]
      }
    ],
    "code": {
      "coding": [
        {
          "system": "http://hl7.org/fhir/sid/icd-10-cm",
          "code": "A54.29",
          "display": "Acute gonorrhea of genitourinary tract"
        },
        {
          "system": "http://snomed.info/sct",
          "code": "17305005",
          "display": "Acute gonorrhea of genitourinary tract"
        }
      ],
      "text": "Acute gonorrhea of genitourinary tract"
    },
    "subject": {
      "reference": "Patient/89767"
    },
    "encounter": {

```

```

        "reference": "Encounter/174111"
      },
      "recordedDate": "2016-10-18T07:05:17Z",
      "recorder": {
        "reference": "Practitioner/89225"
      }
    }
  }

```

Method	Endpoint	Interaction
GET	[base url]/Condition?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and clinical-status (code)	Optional
patient (reference) and category (code)	Optional
patient (reference) and code (code)	Optional
patient (reference) and onset (code)	Optional
patient (reference) and onsetDatetime	Optional
patient (reference) and onset-date (date)	Optional
patient (reference) and encounter (reference)	Optional
patient (reference) and asserted-date (date)	Optional
patient (reference) and recorded-date (date)	Optional
patient (reference) and abatement-date (date)	Optional



Example Request

Search by patient:

GET: [base url]/Condition?patient=18864

Search by patient and clinical-status:

GET: [base url]/Condition? patient=18864&clinical-status=http://terminology.hl7.org/CodeSystem/condition-clinical|active

Search by patient and category:

GET: [baseurl]/Condition?patient=18864
&category=http://terminology.hl7.org/CodeSystem/condition-category|problem-list-item

Search by patient and code:

GET: [base url]/Condition?patient=18864&code=http://hl7.org/fhir/sid/icd-10-cm |A00.0

Search by patient and onset-date:

GET: [base url]/Condition?patient=18864&onset-date=2016-01-01

Search by patient and encounter:

GET: [base url]/Condition?patient=18864&encounter=54646

Search by patient and asserted-date:

GET: [base url]/Condition?patient=18864&asserted-date=2016-12-02

Search by patient and recorded-date:

GET: [base url]/Condition?patient=18864&recorded-date=2023-10-02

Search by patient and abatement-date:

GET: [base url]/Condition?patient=18864&abatement-date=2023-10-17

Pregnancy Status (Condition)

Method	Endpoint	Interaction
GET	[base url]/Condition/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Condition/21251

Example Response

```
{
  "resourceType": "Condition",
  "id": "21251",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-11-08T18:42:36.409+00:00",
    "source": "#guMv331pdPFL9NAy",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-condition"
  ],
  "tag": [ {
    "system": "https://www.curemd.com/tenant",
    "code": "CMDGO"
  }
  ],
  "text": {
    "status": "generated",
    "div": "<div xmlns='http://www.w3.org/1999/xhtml'><p><b>Generated Narrative</b></p><p><b>Diagnosis</b>: Pregnancy summary</p><p><b>Clinical Status</b>: Active</p><p><b>Verification Status</b>: Confirmed</p><p><b>Category</b>: Problem List Item</p><p><b>Onset</b>: 08/09/2023</p><p><b>Recorded Date</b>: 2023-11-08T09:57:25Z</p></div>"
  },
  "extension": [ {
    "url": "https://fhir.curemd.com:3000/extensions/ResourceInputTime",
    "valueDecimal": 1696859845217
  }
  ],
}
```



```

    "identifier": [ {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "PregnancyStatus-54"
    }
  ],
  "clinicalStatus": {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/condition-clinical",
      "code": "active",
      "display": "Active"
    }
  ]
},
  "verificationStatus": {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/condition-ver-status",
      "code": "confirmed",
      "display": "Confirmed"
    }
  ]
},
  "category": [ {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/condition-category",
      "code": "problem-list-item",
      "display": "Problem List Item"
    }
  ]
},
  "code": {
    "coding": [ {
      "system": "http://loinc.org",
      "code": "90767-5",
      "display": "Pregnancy summary Document"
    }
  ]
},
  "subject": {
    "reference": "Patient/21234"
  },
  "onsetDateTime": "2023-08-09T12:00:00Z",
  "recordedDate": "2023-11-08T09:57:25Z",
  "recorder": {
    "reference": "Practitioner/18863"
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/Condition?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and clinical-status (code)	Optional
patient (reference) and category (code)	Optional
patient (reference) and code (code)	Optional
patient (reference) and onset (code)	Optional

Example Request

Search by patient:

GET: [base url]/Condition?patient=21234

Search by patient and clinical-status:

GET: [base url]/Condition? patient=21234&clinical-status=http://terminology.hl7.org/CodeSystem/condition-clinical|active

Search by patient and category:

GET: [base url]/Condition?patient=21234&category=http://terminology.hl7.org/CodeSystem/condition-category|problem-list-item

Search by patient and code:

GET: [base url]/Condition?patient=21234&code=http://loinc.org|90767-5

Coverage

The Coverage resource records insurance and payer information associated with a patient, including identifiers, coverage type, subscriber details, class (group/plan), and coverage period. This resource conforms to USCDI v3. Read or Search Interactions can be used to retrieve FHIR Coverage resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Coverage/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Coverage/20439

Example Response

```
{
  "resourceType": "Coverage",
  "id": "20439",
  "meta": {
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763025504317
    }
  ],
}
```



```
{
  "url": "https://fhir.curemd.com:3000/extensions/CoveragePlanName",
  "valueString": "MARYLAND CENTRAL PIP"
},
"identifier": [
  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Coverage-10501"
  },
  {
    "type": {
      "coding": [
        {
          "system": "http://terminology.hl7.org/CodeSystem/v2-0203",
          "code": "MB",
          "display": "Member Number"
        }
      ]
    },
    "value": "897866"
  }
],
"status": "active",
"type": {
  "text": "Federal, State, Local not specified - HMO"
},
"subscriberId": "tgqmkxk",
"beneficiary": {
  "reference": "Patient/44511"
},
"relationship": {
  "coding": [
    {
      "system": "http://terminology.hl7.org/CodeSystem/subscriber-relationship",
      "code": "other",
      "display": "Other"
    }
  ]
},
],
```



```

    "period": {
      "start": "2024-12-10T00:00:00Z",
      "end": "2025-12-12T00:00:00Z"
    },
    "payor": [
      {
        "reference": "Organization/20437"
      }
    ],
    "class": [
      {
        "type": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/coverage-
class",
              "code": "group",
              "display": "Group"
            }
          ]
        },
        "value": "test-group",
        "name": "UIR4KIUIDJDJDJDJ"
      },
      {
        "type": {
          "coding": [
            {
              "system": "http://terminology.hl7.org/CodeSystem/coverage-
class",
              "code": "plan",
              "display": "Plan"
            }
          ]
        },
        "value": "489-",
        "name": "MARYLAND CENTRAL PIP"
      }
    ]
  }

```

Method	Endpoint	Interaction
GET	[base url]/Coverage?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
identifier	Required
patient (reference)	Required
patient (reference) and identifier	Required

Example Request

Search by patient:

GET: [base url]/Coverage?patient=18864

Search by identifier:

GET: [base url]/Coverage?identifier=https://www.curemd.com/system-identifier/CMDGO | Coverage-10501

Search by patient and identifier:

GET: [base url]/Coverage?patient=18864&identifier=https://www.curemd.com/system-identifier/CMDGO | Coverage-10501

Search by identifier (member number):

GET: [base url]/Coverage?identifier=http://terminology.hl7.org/CodeSystem/v2-0203 | MB | 123456789

Related Person

The RelatedPerson resource captures individuals related to a patient who may support clinical care, represent the patient legally, or serve administrative and financial roles. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR RelatedPerson resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/RelatedPerson/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/RelatedPerson/546370

Example Response

```
{
  "resourceType": "RelatedPerson",
  "id": "546370",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-relatedperson"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
```



```

        "value": "RelatedPersonResponsibleParty-2312"
    }
],
"active": true,
"patient": {
    "reference": "Patient/11138"
},
"relationship": [
    {
        "text": "Emergency contact"
    },
    {
        "coding": [
            {
                "system": "urn:oid:2.16.840.1.113883.4.642.3.449",
                "code": "SIS",
                "display": "sister"
            }
        ],
        "text": "Sister"
    }
],
"name": [
    {
        "use": "official",
        "text": "Monica David",
        "family": "David",
        "given": [
            "Monica"
        ]
    }
],
"telecom": [
    {
        "use": "mobile",
        "system": "phone",
        "value": "5055034455"
    }
],

```

```
"address": [
  {
    "text": "US",
    "country": "US"
  }
]
```

Method	Endpoint	Interaction
GET	[base url]/RelatedPerson?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
patient (reference)	Required
identifier	Optional
name	Optional
patient (reference) and name	Optional

Example Request

Search by patient:

GET: [base url]/RelatedPerson?patient=18864

Search by identifier:

GET: [base url]/RelatedPerson? identifier=https://www.curemd.com/system-identifier/CMDGO|RelatedPersonResponsibleParty-28431

Search by name:

GET: [baseurl]/RelatedPerson?name=Monica

Search by patient and name:

GET: [base url]/RelatedPerson?patient=18864&name=Monica

Questionnaire

The Questionnaire resource defines structured forms for collecting patient-related information, such as evaluations, assessments, and custom clinical forms. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Questionnaire resources in JSON format.

Note: Questionnaire resources are only always present in DEFAULT partition in our FHIR API system.

{Base URL} = {FHIR API Base Endpoint}/ {Client Partition Name}

So, for Questionnaire resources Base URL becomes: {FHIR API Base Endpoint} /DEFAULT

Questionnaire resource includes:

- Questionnaire – Evaluation
- Questionnaire – Custom Form
- Questionnaire – Assessment Form

Questionnaire – Evaluation

Method	Endpoint	Interaction
GET	[base url]/Questionnaire/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Questionnaire/546363

Example Response

```
{
  "resourceType": "Questionnaire",
  "id": "546363",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire"
    ],
    "tag": [
```



```
{
  "system": "https://www.curemd.com/tenant",
  "code": "CMDGO"
}
],
},
"extension": [
  {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1764335611438
  },
  {
    "url": "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire-performerType",
    "valueCode": "Practitioner"
  },
  {
    "url": "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire-assemble-expectation",
    "valueCode": "independent"
  }
],
"url": "https://www.curemd.com/fhir/Questionnaire/Evaluation/CMDGO/444",
"identifier": [
  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "EvaluationQuestionnaire-444"
  }
],
"version": "444",
"name": "Giving encouragement to exercise (procedure)",
"title": "Giving encouragement to exercise (procedure)",
"status": "active",
"experimental": false,
"subjectType": "Patient",
"item": [
  {
    "linkId": "Evaluation-444",
    "code": {
      "coding": [
        {
          "system": "http://snomed.info/sct",
```



```

        "code": "304549008",
        "display": "Giving encouragement to exercise (procedure)"
    }
}
],
{
    "prefix": "444",
    "text": "Giving encouragement to exercise (procedure)",
    "type": "group",
    "required": false,
    "repeats": false,
    "readOnly": false,
    "item": [
        {
            "linkId": "Evaluation Status-444",
            "text": "Evaluation Status Input",
            "type": "choice",
            "answer": [
                {
                    "valueString": "Not Done"
                },
                {
                    "valueString": "Not Ordered"
                },
                {
                    "valueString": "Not Performed"
                },
                {
                    "valueString": "Ordered"
                },
                {
                    "valueString": "Performed"
                }
            ]
        }
    ],
    {
        "linkId": "Evaluation Status Reason-444",
        "text": "Evaluation Status Reason Input",
        "type": "choice",
        "enableWhen": {
            "question": "Evaluation Status-444",
            "operator": "="
        }
    },

```



```

"answer": [
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "160603005",
        "display": "Light cigarette smoker (1-9 cigs/day)
(finding)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "183932001",
        "display": "Procedure contraindicated (situation)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "183964008",
        "display": "Treatment not indicated (situation)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "183966005",
        "display": "Drug treatment not indicated
(situation)"
      }
    ]
  }
]

```



```

    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "238131007",
        "display": "Overweight (finding)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "266721009",
        "display": "Absent response to treatment
(situation)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "269191009",
        "display": "Late effect of medical and surgical care
complication (disorder)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "31438003",
        "display": "Drug resistance (disorder)"
      }
    ]
  },
  {
    "valueCoding": [
      {

```



```

        "system": "http://snomed.info/sct",
        "code": "35688006",
        "display": "Complication of medical care (disorder)"
    }
}
},
{
    "valueCoding": [
        {
            "system": "http://snomed.info/sct",
            "code": "397745006",
            "display": "Medical contraindication (finding)"
        }
    ]
},
{
    "valueCoding": [
        {
            "system": "http://snomed.info/sct",
            "code": "407563006",
            "display": "Treatment not tolerated (situation)"
        }
    ]
},
{
    "valueCoding": [
        {
            "system": "http://snomed.info/sct",
            "code": "410534003",
            "display": "Not indicated (qualifier value)"
        }
    ]
},
{
    "valueCoding": [
        {
            "system": "http://snomed.info/sct",
            "code": "410536001",
            "display": "Contraindicated (qualifier value)"
        }
    ]
}

```



```

    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "414915002",
        "display": "Obese (finding)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "416098002",
        "display": "Allergy to drug (finding)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "428119001",
        "display": "Procedure not indicated (situation)"
      }
    ]
  },
  {
    "valueCoding": [
      {
        "system": "http://snomed.info/sct",
        "code": "59037007",
        "display": "Intolerance to drug (finding)"
      }
    ]
  },
  {
    "valueCoding": [
      {

```

```
(disorder)"
    "system": "http://snomed.info/sct",
    "code": "62014003",
    "display": "Adverse reaction caused by drug
  }
]
},
{
  "valueCoding": [
    {
      "system": "http://snomed.info/sct",
      "code": "79899007",
      "display": "Drug interaction (finding)"
    }
  ]
}
]
},
{
  "linkId": "Evaluation Status Result-444",
  "text": "Evaluation Status Result Input"
}
]
}
]
}
```

Method	Endpoint	Interaction
GET	[base url]/ Questionnaire? Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Optional
name	Optional



Example Request

Search by name:

GET: [base url]/Questionnaire?name= Emergency hospital admission (procedure)

Search by identifier:

GET: [base url]/Questionnaire? identifier=https://www.curemd.com/system-
identifier/CMDGO|EvaluationQuestionnaire-34344

Questionnaire – Custom Form

Method	Endpoint	Interaction
GET	[base url]/Questionnaire/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Questionnaire/546363

Example Response

```
{
  "resourceType": "Questionnaire",
  "id": "4895489",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764142673437
    },
    {
      "url": "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire-performerType",
```



```

        "valueCode": "Practitioner"
    },
    {
        "url": "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire-
assemble-expectation",
        "valueCode": "independent"
    }
],
"url": "https://www.curemd.com/fhir/Questionnaire/CustomForm/CMDGO/1208",
"identifier": [
    {
        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "CustomQuestionnaire-1208"
    }
],
"version": "0",
"name": "General Health Checkup 25",
"title": "General Health Checkup 25",
"status": "active",
"experimental": false,
"subjectType": "Patient",
"date": "2025-11-03T00:00:00Z",
"item": [
    {
        "linkId": "Group - 1270",
        "prefix": "1270",
        "text": "Patient Complaints and Lifestyle",
        "type": "group",
        "required": false,
        "repeats": false,
        "readOnly": false,
        "item": [
            {
                "linkId": "Group Text - 1270",
                "text": "Group Text Input",
                "type": "text"
            },
            {
                "linkId": "Finding - 1675",
                "text": "Chief Complaint",
                "type": "group",
                "item": [
                    {
                        "linkId": "Finding Text - 1675",
                        "text": "Finding Text Input",

```



```

        "type": "text"
    },
    {
        "linkId": "Finding Question - 1206",
        "text": "What is the main reason for your visit today?",
        "type": "group",
        "item": [
            {
                "linkId": "Finding Question Answer - 1206 - Answer
1",
                "text": "Headache \nChest Pain \nShortness of Breath
\nAbdominal Pain \nFatigue ",
                "type": "string"
            },
            {
                "linkId": "Finding Question Answer - 1206 - Answer
2",
                "text": "Less than 1 day \n1-3 days \n4-7 days
\nMore than 1 week \nMore than 1 month ",
                "type": "string"
            },
            {
                "linkId": "Finding Question Answer - 1206 - Answer
3",
                "text": "Painkillers \nAntibiotics \nAnti-
inflammatory ",
                "type": "string"
            },
            {
                "linkId": "Finding Question Answer - 1206 - Answer
4",
                "type": "string"
            }
        ]
    },
    {
        "linkId": "Sub Finding - 171",
        "text": "Lifestyle Habits",
        "type": "group",
        "item": [
            {
                "linkId": "Sub Finding Text - 171",
                "text": "SubFinding Text Input",
                "type": "text"
            }
        ]
    }

```



```

    },
    {
        "linkId": "Sub Finding Question - 1205",
        "text": "How often do you engage in physical
exercise per week?",
        "type": "question",
        "item": [
            {
                "linkId": "Sub Finding Question Answer -
1205 - Answer 1",
                "text": "Never \n1-2 times per week \n3-4
times per week \n5-6 times per week \nDaily ",
                "type": "string"
            },
            {
                "linkId": "Sub Finding Question Answer -
1205 - Answer 2",
                "text": "Balanced (fruits, vegetables,
proteins) \nHigh in carbohydrates \nHigh in fats \nMostly processed/fast food
\nVegetarian/Vegan ",
                "type": "string"
            },
            {
                "linkId": "Sub Finding Question Answer -
1205 - Answer 3",
                "text": "Tobacco use \nAlcohol use ",
                "type": "string"
            },
            {
                "linkId": "Sub Finding Question Answer -
1205 - Answer 4",
                "type": "string"
            }
        ]
    }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/ Questionnaire?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Optional
name	Optional

Example Request

Search by name:

GET: [base url]/Questionnaire?name= General Health Checkup 25

Search by identifier:

GET: [base url]/Questionnaire? identifier=https://www.curemd.com/system-identifier/CMDGO|CustomQuestionnaire-1208

Questionnaire – Assessment Form

Method	Endpoint	Interaction
GET	[base url]/Questionnaire/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Questionnaire/22992

Example Response

```
{
  "resourceType": "Questionnaire",
  "id": "22992",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764163914465
    },
    {
      "url": "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire-performerType",

```



```

        "valueCode": "Practitioner"
    },
    {
        "url": "http://hl7.org/fhir/uv/sdc/StructureDefinition/sdc-questionnaire-
assemble-expectation",
        "valueCode": "independent"
    }
],
"url": "https://www.curemd.com/fhir/Questionnaire/PCD-Q",
"identifier": [
    {
        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "AssessmentQuestionnaire-174"
    }
],
"name": "PCD-Q",
"title": "Patient-centered disability questionnaire",
"status": "active",
"experimental": false,
"subjectType": "Patient",
"date": "2025-11-10T09:29:32Z",
"item": [
    {
        "linkId": "blindOrDifficultySeeing",
        "code": {
            "coding": [
                {
                    "system": "http://loinc.org",
                    "code": "69857-1",
                    "display": "Are you blind, or do you have serious difficulty
seeing, even when wearing glasses?"
                }
            ]
        },
        "prefix": "1",
        "text": "Are you blind, or do you have serious difficulty seeing, even when
wearing glasses?",
        "type": "boolean",
        "required": true,
        "repeats": false,
        "readOnly": false,
        "answerOption": [
            {
                "valueString": "Yes"
            }
        ]
    }
]

```



```

        },
        {
            "valueString": "No"
        }
    ]
},
{
    "linkId": "deafOrDifficultyHearing",
    "code": {
        "coding": [
            {
                "system": "http://loinc.org",
                "code": "69856-3",
                "display": "Are you deaf, or do you have serious difficulty
hearing?"
            }
        ]
    },
    "prefix": "2",
    "text": "Are you deaf, or do you have serious difficulty hearing?",
    "type": "boolean",
    "required": true,
    "repeats": false,
    "readOnly": false,
    "answerOption": [
        {
            "valueString": "Yes"
        },
        {
            "valueString": "No"
        }
    ]
},
{
    "linkId": "difficultyInWalkingOrClimbingStairs",
    "code": {
        "coding": [
            {
                "system": "http://loinc.org",
                "code": "69859-7",
                "display": "Do you have serious difficulty walking or climbing
stairs?"
            }
        ]
    }
}

```



```

        }
    ]
},
{
    "prefix": "3",
    "text": "Do you have serious difficulty walking or climbing stairs?",
    "type": "boolean",
    "required": true,
    "repeats": false,
    "readOnly": false,
    "answerOption": [
        {
            "valueString": "Yes"
        },
        {
            "valueString": "No"
        }
    ]
},
{
    "linkId": "difficultyInDressingOrBathing",
    "code": {
        "coding": [
            {
                "system": "http://loinc.org",
                "code": "69860-5",
                "display": "Do you have difficulty dressing or bathing?"
            }
        ]
    }
},
{
    "prefix": "4",
    "text": "Do you have difficulty dressing or bathing?",
    "type": "boolean",
    "required": true,
    "repeats": false,
    "readOnly": false,
    "answerOption": [
        {
            "valueString": "Yes"
        },
        {
            "valueString": "No"
        }
    ]
}

```



```

    ]
  },
  {
    "linkId": "difficultyRememberingOrConcentrating",
    "code": {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "69858-9",
          "display": "Do you have difficulty remembering or
concentrating?"
        }
      ]
    },
    "prefix": "5",
    "text": "Do you have difficulty remembering or concentrating?",
    "type": "boolean",
    "required": true,
    "repeats": false,
    "readOnly": false,
    "answerOption": [
      {
        "valueString": "Yes"
      },
      {
        "valueString": "No"
      }
    ]
  },
  {
    "linkId": "difficultyInCommunicating",
    "code": {
      "coding": [
        {
          "system": "http://loinc.org",
          "code": "98068-0",
          "display": "Using your usual language, do you have difficulty
communicating (for example, understanding or being understood)?"
        }
      ]
    },
    "prefix": "6",
    "text": "Using your usual language, do you have difficulty communicating

```



```
(for example, understanding or being understood)?",
  "type": "boolean",
  "required": true,
  "repeats": false,
  "readOnly": false,
  "answerOption": [

    {

      "valueString": "Yes"

    },
    {

      "valueString": "No"

    }

  ]
},
{
  "linkId": "difficultyDoingErrandsAlone",
  "code": {
    "coding": [

      {

        "system": "http://loinc.org",
        "code": "69861-3",
        "display": "Because of a physical, mental, or emotional
condition, do you have difficulty doing errands alone such as visiting a physician's
office or shopping?"

      }

    ]

  },
  "prefix": "7",
  "text": "Because of a physical, mental, or emotional condition, do you have
difficulty doing errands alone such as visiting a physician's office or shopping?",
  "type": "boolean",
  "required": true,
  "repeats": false,
  "readOnly": false,
  "answerOption": [

    {

      "valueString": "Yes"

    },
    {

      "valueString": "No"

    }

  ]
},
```



```
{
  "linkId": "difficultyReadingOrWriting",
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "98078-9",
        "display": "Do you have difficulty reading or writing?"
      }
    ]
  },
  "prefix": "8",
  "text": "Do you have difficulty reading or writing?",
  "type": "boolean",
  "required": true,
  "repeats": false,
  "readOnly": false,
  "answerOption": [
    {
      "valueString": "Yes"
    },
    {
      "valueString": "No"
    }
  ]
},
{
  "linkId": "additionalAssistanceOrAccomodaionRequired",
  "code": {
    "coding": [
      {
        "system": "http://loinc.org",
        "code": "98079-7",
        "display": "Due to a disability, do you need any additional
assistance or accommodations during your visit?"
      }
    ]
  },
  "prefix": "9",
  "text": "Due to a disability, do you need any additional assistance or
accommodations during your visit?",
  "type": "boolean",
  "required": true,
  "repeats": false,
```

```

        "readOnly": false,
        "answerOption": [
            {
                "valueString": "Yes"
            },
            {
                "valueString": "No"
            }
        ]
    }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/ Questionnaire?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
identifier	Optional
name	Optional

Example Request

Search by name:

GET: [base url]/Questionnaire?name=PCD-Q

Search by identifier:

GET: [base url]/Questionnaire? identifier=https://www.curemd.com/system-identifier/CMDGO|AssessmentQuestionnaire-174

Questionnaire Response

The Questionnaire Response resource captures patient, practitioner, or system-generated answers to structured questionnaires. It represents completed responses to Evaluation tests, Custom Forms, and standardized Assessments. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Questionnaire Response resources in JSON format.

Questionnaire Response resource includes:

- Questionnaire Response – Evaluation
- Questionnaire Response – Custom Form
- Questionnaire Response – Assessment Form

Questionnaire Response – Evaluation

Method	Endpoint	Interaction
GET	[base url]/QuestionnaireResponse/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/QuestionnaireResponse/5527899

Example Response

```
{
  "resourceType": "QuestionnaireResponse",
  "id": "5527899",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-questionnaireresponse"
    ],
    "tag": [
      {
```



```

        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
    }
]
},
"extension": [
    {
        "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
        "valueDecimal": 1764577396266
    }
],
"identifier": [
    {
        "system": "https://www.curemd.com/system-identifier/CMDGO",
        "value": "EvaluationResponse-6"
    }
],
"questionnaire": "https://www.curemd.com/fhir/Questionnaire/Evaluation/CMDGO/364",
"_questionnaire": {
    "questionnaireDisplay": "Patient referral to non-physician provider (procedure)"
},
"status": "completed",
"subject": {
    "reference": "Patient/5641"
},
"authored": "2017-12-15T10:01:00Z",
"author": {
    "reference": "Practitioner/361"
},
"item": [
    {
        "linkId": "Evaluation-364",
        "text": "Patient referral to non-physician provider (procedure)",
        "item": [
            {
                "linkId": "Evaluation Status-364",
                "text": "Evaluation Status Input",
                "answer": [
                    {
                        "valueString": "Not Ordered"
                    }
                ]
            }
        ]
    }
]

```



```

    }
  ]
},
{
  "linkId": "Evaluation Status Reason-364",
  "text": "Evaluation Status Reason Input",
  "answer": [
    {
      "valueCoding": [
        {
          "system": "http://snomed.info/sct",
          "code": "397745006",
          "display": "Medical contraindication (finding)"
        }
      ]
    }
  ]
},
{
  "linkId": "Evaluation Status Result-364",
  "text": "Evaluation Status Result Input",
  "answer": [
    {
      "valueCoding": [
        {
          "system": "http://snomed.info/sct",
          "code": "428181000124104",
          "display": "Depression screening positive"
        }
      ]
    }
  ]
}
]
}

```

Method	Endpoint	Interaction
GET	[base url]/QuestionnaireResponse?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
questionnaire	Required
patient (reference)	Required
identifier	Required
authored (date)	Required

Example Request

Search by questionnaire:

GET:

[baseurl]/QuestionnaireResponse?questionnaire=https://www.curemd.com/fhir/Questionnaire/Evaluation/CMDGO/364

Search by identifier:

GET: [base url]/QuestionnaireResponse? identifier=https://www.curemd.com/system-identifier/CMDGO|EvaluationResponse-34344

Search by patient:

GET: [base url]/QuestionnaireResponse?patient=18964

Search by authored:

GET: [base url]/QuestionnaireResponse?authored=ge2024-01-01

Questionnaire Response – CustomForm

Method	Endpoint	Interaction
GET	[base url]/QuestionnaireResponse/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/QuestionnaireResponse/317828

Example Response

```
{
  "resourceType": "QuestionnaireResponse",
  "id": "317828",
  "meta": {
    "versionId": "3",
    "lastUpdated": "2026-01-19T19:58:52.738+00:00",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-questionnaireresponse"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1766502199390
    }
  ],
  "identifier": {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "CustomResponse-1226"
  },
  "questionnaire":
```



```

"https://www.curemd.com/fhir/Questionnaire/CustomForm/CMDGO/1226",
  "_questionnaire": {
    "extension": [
      {
        "url": "http://hl7.org/fhir/StructureDefinition/display",
        "valueString": "US Core Questionnaire"
      },
      {
        "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-
core-extension-questionnaire-uri",
        "valueUri":
"https://www.curemd.com/fhir/Questionnaire/CustomForm/CMDGO/1226"
      }
    ]
  },
  "status": "completed",
  "subject": {
    "reference": "Patient/90233"
  },
  "authored": "2025-12-23T09:56:40Z",
  "item": [
    {
      "linkId": "Group - 1290",
      "text": "Patient Instructions",
      "item": [
        {
          "linkId": "Finding - 1702",
          "text": "Patient Instructions",
          "item": [
            {
              "linkId": "Finding Question - 1232",
              "item": [
                {
                  "linkId": "Finding Question Answer -
1232 - Answer 1",
                  "answer": [
                    {
                      "valueString": "TEST UMAAR"
                    }
                  ]
                },
                {
                  "linkId": "Finding Question Answer -
1232 - Answer 2",
                  "answer": [
                    {
                      "valueString": "Data not
provided"
                    }
                  ]
                },
                {
                  "linkId": "Finding Question Answer -
1232 - Answer 3",
                  "answer": [
                    {
                      "valueString": "Data not
provided"
                    }
                  ]
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/ QuestionnaireResponse ?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
questionnaire	Required
patient (reference)	Required
identifier	Required
authored (date)	Required

Example Request

Search by questionnaire:

GET:

[baseurl]/QuestionnaireResponse?questionnaire=https://www.curemd.com/fhir/Questionnaire/Evaluation/CMDGO/364

Search by identifier:

GET: [base url]/QuestionnaireResponse? identifier=https://www.curemd.com/system-identifier/CMDGO|CustomResponse-34344

Search by patient:

GET: [base url]/QuestionnaireResponse?patient=18964

Search by authored:

GET: [base url]/QuestionnaireResponse?authored=ge2024-01-01

Questionnaire Response – Assessment

Method	Endpoint	Interaction
GET	[base url]/QuestionnaireResponse/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/QuestionnaireResponse/55255

Example Response

```
{
  "resourceType": "QuestionnaireResponse",
  "id": "55255",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-questionnaireresponse"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1764313831676
    }
  ],
}
```



```

"identifier": [

  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "AssessmentResponse-12502"
  }
],
"questionnaire": "https://www.curemd.com/fhir/Questionnaire/HVS",
"_questionnaire": {
  "questionnaireDisplay": "HVS",
  "url": "https://www.childrenshealthwatch.org/wp-content/uploads/FINAL-Hunger-
Vital-Sign-2-pager1.pdf"
},
"status": "completed",
"subject": {
  "reference": "Patient/62068"
},
"authored": "2025-10-20T11:13:28Z",
"author": {
  "reference": "Practitioner/1957"
},
"item": [

  {
    "itemMedia": {
      "data":
"U2NvcuU6IDxiPjA8L2I+PC9icj48L2JyPjwvYnI+PC9icj5SZXN1bHQ6IDxiPk5vdCBhdCByaXNrIGZvcuBmb29
kIGluc2VjdXJpdHk8L2I+PC9icj4xLiBXaXRoaW4gdGhlIHh3QgMTIgbW9udGhzIEkvd2Ugd2VyZSB3b3JyaWV
kIHdoZXRoZXIgb3VyIGZvb2Qgd29lbGQgcnuUg9ldCBiZWZvcuUgd2UgZ290IGlvcuV5IHRvIGJleSBtb3JlLjx
iPiBOZXZlciBUcnVlPC9iPjwvYnI+Mi4gV2l0aGluIHRob3BwYXN0IDEyIGlvcuRocyB0aGUgZm9vZCBJL3dlIGJ
vdWdodCBqdXN0IGRpZG7igJl0IGxhc3QgYW5kIEkvd2UgZGlkbUkAmXQgaGF2ZSB0aGUgbW9uZXkgdG8gZ2V0IGl
vcuUuPGI+IERLIg9yIFJlZnVzZWQ8L2I+PC9icj4="
    },
    "linkId": "Question1",
    "text": "1. Within the past 12 months I/we were worried whether our food
would run out before we got money to buy more.",
    "answer": [

      {
        "valueString": " Never True"
      }
    ]
  }
]
}

```

Method	Endpoint	Interaction
GET	[base url]/QuestionnaireResponse?Parameter	Search

Parameters

Parameters / Parameters Combinations	Support as per US Core
questionnaire	Required
patient (reference)	Required
identifier	Required
authored (date)	Required

Example Request

Search by questionnaire:

GET: [baseurl]/QuestionnaireResponse?questionnaire=
https://www.curemd.com/fhir/Questionnaire/HVS

Search by identifier:

GET: [base url]/QuestionnaireResponse? identifier=https://www.curemd.com/system-
identifier/CMDGO|AssessmentResponse-12502

Search by patient:

GET: [base url]/QuestionnaireResponse?patient=18964

Search by authored:

GET: [base url]/QuestionnaireResponse?authored=ge2024-01-01

Immunization

The Immunization resource is intended to cover the recording of current and historical administration of vaccines to patients across all healthcare disciplines in all care settings and all regions. This resource conforms to USCDIv3. Read or Search Interactions can be used to retrieve FHIR Immunization resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Immunization/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Immunization/20439

Example Response

```
{
  "resourceType": "Immunization",
  "id": "20439",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2023-10-12T11:27:27.332+00:00",
    "source": "#J44TfWpjZiyIWnVs",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-immunization"
  ],
  "tag": [ {
    "system": "https://www.curemd.com/tenant",
    "code": "CMDGO"
  } ]
},
"extension": [ {
  "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
  "valueDecimal": 1697109986900
} ],
"identifier": [ {
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "Immunization-121"
} ],
"status": "completed",
```



```

"vaccineCode": {
  "coding": [ {
    "system": "http://hl7.org/fhir/sid/cvx",
    "code": "207",
    "display": "COVID-19, mRNA, LNP-S, PF, 100 mcg/0.5mL dose or 50 mcg/0.25mL dose"
  }, {
    "system": "http://hl7.org/fhir/sid/ndc",
    "code": "80777-0273-10"
  } ],
  "text": "Spikevax"
},
"patient": {
  "reference": "Patient/18864"
},
"occurrenceDateTime": "2022-05-24T01:30:00Z",
"recorded": "2022-05-24T01:30:57Z",
"primarySource": true,
"lotNumber": "123",
"expirationDate": "2023-02-02",
"site": {
  "text": "Right Arm"
},
"route": {
  "text": "Intramuscular"
},
"doseQuantity": {
  "value": 0.5,
  "unit": "ml"
},
"performer": [ {
  "function": {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/v2-0443",
      "code": "OP",
      "display": "Ordering Provider"
    } ]
  },
  "actor": {
    "reference": "Practitioner/18858"
  }
}, {
  "function": {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/v2-0443",
      "code": "AP",
      "display": "Administering Provider"
    } ] },
  "actor": {

```

```

    "reference": "Practitioner/18858"
  }
} ],
"note": [ {
  "authorReference": {
    "reference": "Practitioner/18858"
  },
  "time": "2022-05-24T01:30:57Z",
  "text": "1st Dose of Janssen administered to patient on 5/24/2022"
} ],
"education": [ {
  "documentType": "COVID-19 Moderna Vaccine EUA Recipient-Caregiver Adult Fact Sheet",
  "publicationDate": "2022-12-08T12:00:00Z",
  "presentationDate": "2022-05-24T12:00:00Z"
} ]
} ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Immunization?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
patient (reference) and date (date)	Optional
patient (reference) and status (code)	Optional

Example Request

Search by patient:

GET: [base url]/Immunization?patient=18864

Search by patient and date:

GET: [base url]/Immunization?patient=18864&date=2022-05-24T01:30:00Z

Search by patient and status:

GET: [base url]/Immunization?patient=18864& status=completed

Medication

The Medication resource is primarily used for the identification and definition of a medication for the purposes of prescribing, dispensing, and administering a medication as well as for making statements about medication use. This resource conforms to USCDIv3. Read or Search Interactions can be used to retrieve FHIR Medication resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Medication/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Medication/20397

Example Response

```
{
  "resourceType": "Medication",
  "id": "20397",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:51:51.817+00:00",
    "source": "#Msj7ha0deDkmSVpy",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medication" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104252070
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Medication-86006"
  } ],
  "code": {
    "coding": [ {
```



```
    "system": "http://hl7.org/fhir/sid/ndc",  
    "code": "50458029004",  
    "display": "Sporanox Oral Capsule 100 MG"  
  } ],  
  "text": "Sporanox 100 MG Oral Capsule"  
}  
}
```

Medication Request

An order or request for both supply of the medication and the instructions for administration of the medication to a patient. This resource conforms to USCDIv3. Read or Search Interactions can be used to retrieve FHIR MedicationRequest resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/MedicationRequest/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/MedicationRequest/20398

Example Response

```
{
  "resourceType": "MedicationRequest",
  "id": "20398",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2023-10-12T09:51:51.988+00:00",
    "source": "#a6VaVKwXKcaVSCDD",
    "profile": [ "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationrequest" ],
    "tag": [ {
      "system": "https://www.curemd.com/tenant",
      "code": "CMDGO"
    } ]
  },
  "extension": [ {
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1697104252063
  } ],
  "identifier": [ {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "MedicationRequest-638"
  } ],
  "status": "active",
  "intent": "order",
  "category": [ {
    "coding": [ {
```



```

    "system": "http://terminology.hl7.org/CodeSystem/medicationrequest-category",
    "code": "outpatient",
    "display": "Outpatient"

  } ],
  "text": "Outpatient"

} ],
"reportedBoolean": false,
"medicationReference": {
  "reference": "Medication/20397"
},
"subject": {
  "reference": "Patient/18864"
},
"encounter": {
  "reference": "Encounter/20379"
},
"authoredOn": "2023-10-12T05:50:51Z",
"requester": {
  "reference": "Practitioner/18858"
},
"recorder": {
  "reference": "Practitioner/18858"
},
"dosageInstruction": [ {
  "timing": {
    "repeat": {
      "boundsPeriod": {
        "start": "2023-10-12T05:50:51Z",
        "end": "2023-10-27T05:50:51Z"
      }
    }
  },
  "code": {
    "text": "daily"
  }
},
"route": {
  "text": "Oral"
},
"doseAndRate": [ {
  "type": {
    "coding": [ {
      "system": "http://terminology.hl7.org/CodeSystem/dose-rate-type",
      "code": "ordered",
      "display": "Ordered"
    }
  ],
  "text": "Ordered"
} ],

```



```

    },
    "doseQuantity": {
      "value": 2,
      "unit": "Capsule(s)"
    },
    },
    "rateRatio": {
      "numerator": {
        "value": 2,
        "unit": "Capsule(s)"
      },
      },
      "denominator": {
        "value": 1,
        "unit": "day",
        "system": "http://unitsofmeasure.org",
        "code": "d"
      }
    }
  } ]
} ],
"dispenseRequest": {
  "initialFill": {
    "quantity": {
      "value": 30,
      "unit": "Capsule(s)"
    },
    },
    "duration": {
      "value": 15,
      "unit": "Day(s)",
      "system": "http://unitsofmeasure.org",
      "code": "Day(s)"
    },
    },
    },
    "numberOfRepeatsAllowed": 0,
    "quantity": {
      "value": 30,
      "unit": "Capsule(s)"
    },
    },
    "expectedSupplyDuration": {
      "value": 15,
      "unit": "Day(s)"
    },
    },
  }
}

```

Method	Endpoint	Interaction
GET	[base url]/MedicationRequest?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference) and intent (code)	Required
patient (reference) and intent (code) and status (reference)	Required
patient (reference) and intent (code) and encounter (code)	Optional
patient (reference) and intent (code) and authoredon (date)	Optional

Example Request

Search by patient and intent:

GET: [base url]/MedicationRequest?patient=18864&intent=order

Search by patient and intent and status:

GET: [base url]/MedicationRequest?patient=18864&intent=proposal&status=active

Search by patient and intent and encounter:

GET: [base url]/MedicationRequest?patient=18864&intent=order&encounter=20379

Search by patient and intent and authoredon:

GET: [base url]/MedicationRequest?patient=18864&intent=order&authoredon=2023-10-12T05:50:51Z

Medication Dispense

The Medication Dispense resource records details of medication supplied to a patient, including the dispensed medication, quantity and timing. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Medication Dispense resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/MedicationDispense/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/MedicationDispense/20398

Example Response

```
{
  "resourceType": "MedicationDispense",
  "id": "20398",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-medicationdispense"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763463991458
    }
  ],
  "identifier": [
```



```
{
  "system": "https://www.curemd.com/system-identifier/CMDGO",
  "value": "MedicationDispense-8"

}],
"status": "unknown",
"medicationReference": {
  "reference": "Medication/87562"
},
"subject": {
  "reference": "Patient/10588"
},
"authorizingPrescription": {
  "reference": "MedicationRequest/10880"
},
"Quantity": {
  "value": 1,
  "unit": "Tablet(s)"
},
"dosageInstruction": [{
  "timing": {
    "repeat": {
      "boundsPeriod": {
        "start": "2024-08-15",
        "end": "2024-08-18"
      }
    }
  },
  "code": {
    "text": "daily"
  }
},
{
  "route": {
    "text": "Oral"
  }
},
{
  "doseAndRate": [
    {
      "type": {
        "coding": [{
          "system": "http://terminology.hl7.org/CodeSystem/dose-
rate-type",
          "code": "ordered",
          "display": "Ordered"
        }],
        "text": "Ordered"
      }
    }
  ]
}
```

```

        "doseQuantity": {
            "value": 1,
            "unit": "Tablet(s) "
        },
        "rateRatio": {
            "numerator": {
                "value": 1,
                "unit": "Tablet(s) "
            },
            "denominator": {
                "value": 1,
                "unit": "day",
                "system": "http://unitsofmeasure.org",
                "code": "d"
            }
        }
    }
}

```

Method	Endpoint	Interaction
GET	[base url]/MedicationDispense?Parameter	Search

Parameters

Parameters/Parameters Combinations	Support as per US Core
patient (reference)	Required
identifier	Required
status (code)	Required
patient (reference) and status(code)	Required



Example Request

Search by patient:

GET: [base url]/MedicationDispense?patient=18864

Search by identifier:

**GET: [base url]/MedicationDispense?identifier=https://www.curemd.com/system-
identifier/CMDGO | MedicationDispense-20398**

Search by status:

GET: [base url]/MedicationDispense?status=completed

Search by patient and type:

**GET: [base url]/MedicationDispense?patient=18864&type=http://terminology.hl7.org/ValueSet/v3-
ActPharmacySupplyType | DF**

Specimen

The Specimen resource describes a physical sample taken from a patient for diagnostic or investigational purposes (e.g., blood, urine, tissue). This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR Specimen resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Specimen/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Specimen/24666

Example Response

```
{
  "resourceType": "Specimen",
  "id": "24666",
  "meta": {
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-specimen"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1763627901083
    }
  ]
}
```



```

    }
  ],
  "identifier": [
    {
      "system": "https://www.curemd.com/system-identifier/CMDGO",
      "value": "Specimen-183"
    }
  ],
  "accessionIdentifier": "4",
  "type": {
    "text": "No Specimen Selected"
  },
  "subject": {
    "reference": "Patient/275"
  },
  "request": {
    "reference": "ServiceRequest/183"
  },
  "collection": [
    {
      "collectedDateTime": "2016-12-02T12:37:00Z",
      "quantity": {
        "value": 0
      }
    },
    {
      "fastingStatusCodeableConcept": {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/v2-0916",
            "code": "NF",
            "display": "The patient indicated they did not fast prior to the
procedure."
          }
        ]
      },
      "text": "The patient indicated they did not fast prior to the
procedure."
    }
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Specimen?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
identifier	Required
patient (reference) and identifier	Required

Example Request

Search by patient:

GET: [base url]/Specimen?patient=18864

Search by identifier

GET: [base url]/Specimen?identifier=https://www.curemd.com/system-identifier/CMDGO|Specimen-20412

Search by patient and identifier:

GET: [base url]/Specimen? patient=18864&identifier=https://www.curemd.com/system-identifier/CMDGO|Specimen-20412

Service Request

An order or request for a service to be performed, encompassing orders for diagnostic or therapeutic procedures provided by healthcare professionals. This resource conforms to USCDiv3. Read or Search Interactions can be used to retrieve FHIR ServiceRequest resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/ ServiceRequest/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/ServiceRequest/24666

Example Response

```
{
  "resourceType": "ServiceRequest",
  "id": "24666",
  "meta": {
    "versionId": "2",
    "lastUpdated": "2024-04-15T12:48:01.014+00:00",
    "source": "#0JJfiBgtjt6yWsRe",
    "profile": [
      "http://hl7.org/fhir/us/core/StructureDefinition/us-core-servicerequest"
    ],
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [{
    "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
    "valueDecimal": 1713185207310
  }],
}
```



```

"identifier": [
  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "ServiceRequest-1007"
  }
],
"status": "completed",
"intent": "order",
"category": [
  {
    "coding": [
      {
        "system": "http://snomed.info/sct",
        "code": "108252007",
        "display": "Laboratory procedure"
      }
    ]
  }
],
"code": {
  "coding": [
    {
      "system": "http://loinc.org",
      "code": "82179-3"
    },
    {
      "system": "urn:oid:2.16.840.1.113883.3.669.101.123.1",
      "code": "82179-3",
      "display": "Bordetella pertussis.pertussis toxin promoter region
[Presence] in Nasopharynx by NAA with non-probe"
    }
  ]
},
"text": "Bordetella pertussis.pertussis toxin promoter region [Presence] in
Nasopharynx by NAA with non-probe"
},
"subject": {
  "reference": "Patient/24651"
},
"occurrencePeriod": {
  "start": "2024-04-15T08:45:00Z"
}

```

```
{
  "authoredOn": "2024-04-15T08:46:34Z",
  "requester": {
    "reference": "Practitioner/18863"
  },
  "locationReference": [
    {
      "reference": "Location/20475"
    }
  ],
  "specimen": [
    {
      "reference": "ServiceRequest?identifier=https://www.curemd.com/system-identifier/CMDGO|Specimen-3"
    }
  ]
}
```

Method	Endpoint	Interaction
GET	[base url]/ServiceRequest?Parameter	Search

Parameters

Parameter Combinations	Support as per US Core
patient (reference)	Required
id (id) and _id (id)	Required
patient (reference) and category (uri)	Required
patient (reference) and code (code)	Required
patient (reference) and category (uri) and authored (date)	Required
patient (reference) and status (code)	Optional
patient (reference) and code (code) and authored (date)	Optional



Example Request

Search by patient:

GET: [base url]/ServiceRequest?patient=24651

Search by id AND _id:

GET: [base url]/ServiceRequest/24666 Or

GET: [base url]/ServiceRequest/?_id=24666

Search by patient and category:

GET: [base url]/ServiceRequest?patient=24651&category=http://snomed.info/sct|108252007

Search by patient and code:

GET: [base url]/ServiceRequest?patient=24651&code=http://loinc.org|82179-3

Search by patient and category and authored:

GET: [base url]/ServiceRequest?patient=24651&category=http://snomed.info/sct|108252007
&date=ge2010-01-14T00:00:00Z

Search by patient and status:

GET: [base url]/ServiceRequest?patient=24651&status=completed

Search by patient and code and authored:

GET: [base url]/ServiceRequest?patient=24651&code=http://loinc.org|82179-3date=ge2010-01-14T00:00:00Z

Appointment

Appointment Resources provide information about a planned meeting that may be in the future or past. This Resource conforms to the FHIR R4 specification. Read or Search Interactions can be used to retrieve FHIR Appointment resources in JSON format.

Method	Endpoint	Interaction
GET	[base url]/Appointment/Parameter	Read

Parameters

Parameter	Required
id (string)	Required

Example Request

GET: [base url]/Appointment/26155

Example Response

```
{
  "resourceType": "Appointment",
  "id": "26155",
  "meta": {
    "versionId": "1",
    "lastUpdated": "2024-04-09T06:57:13.083+00:00",
    "source": "#8mDedLMNPp2Yqn0B",
    "tag": [
      {
        "system": "https://www.curemd.com/tenant",
        "code": "CMDGO"
      }
    ]
  },
  "extension": [
    {
      "url": "https://fhirjson.curemd.net/extensions/ResourceInputTime",
      "valueDecimal": 1713185207310
    }
  ]
}
```

```

"identifier": [
  {
    "system": "https://www.curemd.com/system-identifier/CMDGO",
    "value": "Appointment-1362"
  }
],
"status": "booked",
"specialty": [
  {
    "coding": [
      {
        "system": "urn:oid:2.16.840.1.114222.4.11.1066",
        "code": "208000000X",
        "display": "Pediatrics"
      }
    ],
    "text": "Pediatrics"
  }
],
"reasonCode": [
  {
    "text": "Consultation"
  }
],
"start": "2024-04-10T08:00:00Z",
"end": "2024-04-10T09:00:00Z",
"minutesDuration": 60,
"created": "2024-05-21T02:56:09Z",
"participant": [
  {
    "type": [
      {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/v3-
ParticipationType",
            "code": "PPRF",
            "display": "Primary Performer"
          }
        ],
        "text": "Primary Performer"
      }
    ],
    "actor": {
      "reference": "Practitioner/18857"
    },
    "status": "accepted"
  },
  {
    "actor": {

```

```

        "reference": "Patient/18864"
      },
      "status": "accepted"
    },
    {
      "actor": {
        "reference": "Location/18856"
      },
      "status": "accepted"
    }
  ]
}

```

Method	Endpoint	Interaction
GET	[base url]/Appointment?Parameter	Search

Parameters

Parameter Combinations	Support
patient (reference)	Optional
id (id) and _id (id)	Optional

Example Request

Search by patient:

GET: [base url]/Appointment?patient=18864

Search by id AND _id:

GET: [base url]/Appointment/26155 Or

GET: [base url]/ Appointment /?_id=26155