SAPC | **Substance Abuse Prevention and Control**

LACDPH | Substance Abuse Prevention Control (SAPC)

Public Health Information Systems (PHIS)

Patient Access API Companion Guide

Version 1.0

xx/xx/2024

Disclosure Statement

This document represents the Los Angeles County Department of Public Health (LACDPH) implementation instructions for Patient Access API Portal. This document specifies the required operation workflow of Patient and other relates resources information. LACDPH reserves the right to modify and change the document at any time. LACDPH will disseminate the information in a timely manner, should there be any change to this document.

Revision and Sign-off Sheet

Version History

Date	Author	Version	Change Reference
TBD	SAPC Team	1.0	Initial Release

Distribution

Name	Position
Trading Partners and their IT vendors	N/A

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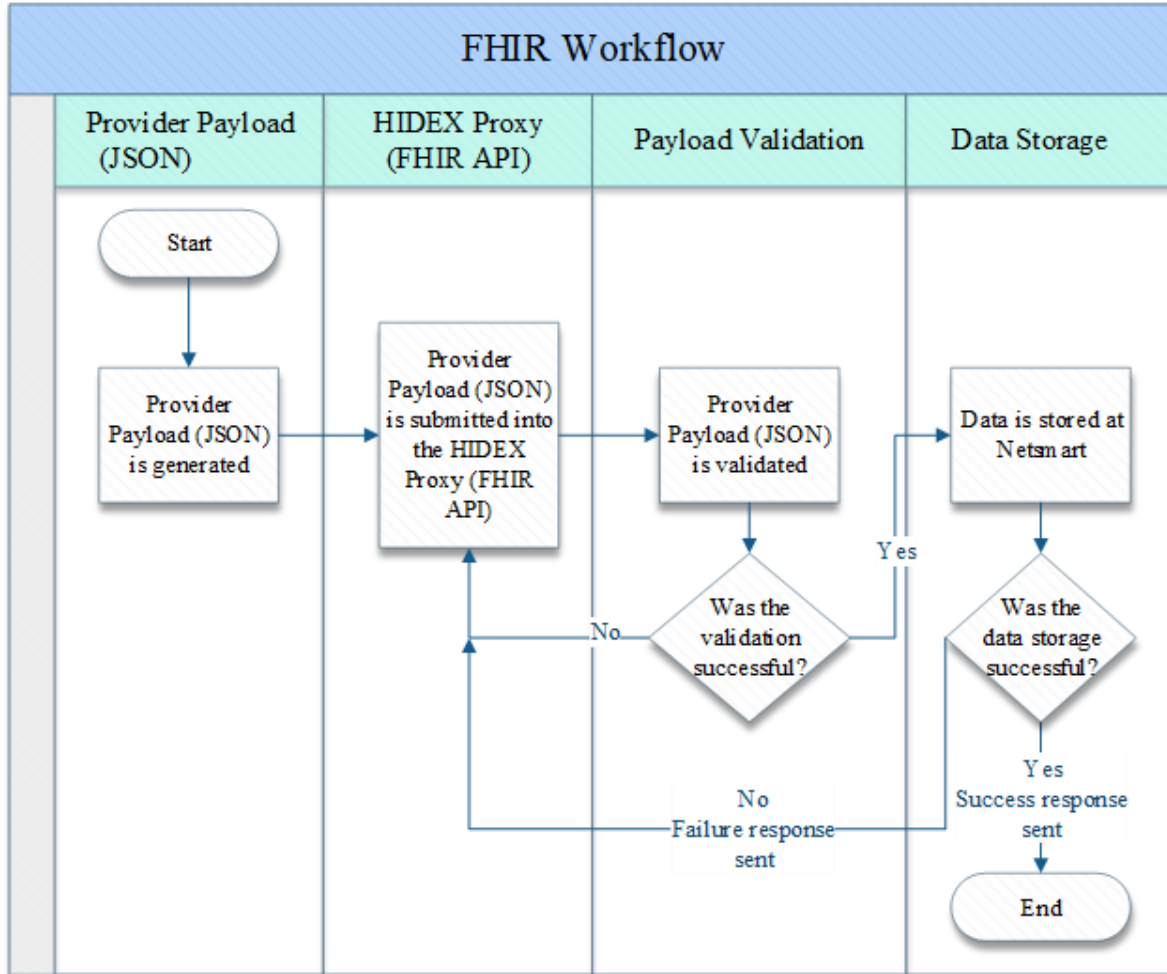| Item	Details
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Introduction

Background

Patient Access API enables patients to access their data. The data through API is represented using FHIR standard. FHIR stands for Fast Healthcare Interoperability Resources and was developed by HL7 (Health Level 7) to enable healthcare organizations to exchange information between different computer systems, regardless of how the data is stored in those systems. FHIR standards allow healthcare organizations to store and share patient data securely while ensuring interoperability between different systems by using a set standard. FHIR can be thought of as a common language that allows healthcare computer systems to communicate and exchange data using the internet, with the added benefit of being able to store the data in different ways. Healthcare organizations rely on FHIR standards to send information, including clinical and administrative data, for the benefit of patients receiving care. Using FHIR as a standard also allows for secure transmission of Personal Health Information, ensuring access to a patient's data only when authorized.

Purpose

By providing set of APIs, a patient can access their information and can provide access to their data, to any third-party they like. Patient can access their information through the application, but third-party can only access patient's information through an API. FHIR facilitates the ability of healthcare organizations to develop an interface that can link to the internet and share health data using a common standard in real-time. The goal of FHIR is for healthcare organizations to be able to easily and securely share information using their existing Electronic Health Record systems, through the implementation of simple interfaces linked to the internet.

FHIR Workflow

FHIR Workflow

Provider Payload (JSON)	HIDEX Proxy (FHIR API)	Payload Validation	Data Storage

Start

Provider Payload (JSON) is generated

Provider Payload (JSON) is submitted into the HIDEX Proxy (FHIR API)

Provider Payload (JSON) is validated

Data is stored at Netsmart

Was the validation successful?

No

Yes

Was the data storage successful?

No
Failure response sent

Yes
Success response sent

Yes
Success response sent

End

Software Components and Configurations

Consumers of Patient Access APIs should be capable of processing oAuth 2.0 secured HL7 FHIR APIs built on the Blue Button 2.0 standard.

Overview

FHIR OVERVIEW

At the core of HL7 FHIR lies its foundational components known as "Resources." These Resources serve as both the fundamental units for data exchange and the modeling framework within FHIR. They categorize data into distinct sections such as patient records, hospital details, or diagnostic findings. Each section is encapsulated by a specific FHIR Resource, defining essential data elements, constraints, and interrelationships.

Each FHIR Resource is tailored to its particular use case, facilitating the seamless integration and exchange of pertinent information across different domains. For instance, the Patient Resource consolidates essential details

like name, gender, and birthdate, supplemented by contact information. This Resource interacts with others, such as the Practitioner Resource, which delineates the primary care provider overseeing the patient's health.

Furthermore, Resources in FHIR employ Uniform Resource Locators (URLs) to establish their location within a FHIR system implementation, ensuring accessibility and interoperability across healthcare workflows

CORE RESOURCES

The following FHIR Resources under the FHIR R4 Standard will be supported in the HIDEX FHIR API.

FHIR Resource	Version
Patient	v4
EpisodeOfCare	v4
Encounter	v4
Coverage	v4

Search API

This API allows the provider to search different resources like patient, episodeofcare and coverage using various search parameters/filters. The parameters would vary and depend on the resource used for search.

The API would return different response codes as shown below, when a search request is made.

HTTP Response Codes

Code	Status	Description
200	OK	Successful
400	Bad Request	Submission Error (Parameter formatting, ex.)
403	Forbidden	Invalid/Missing Token
404	Not Found	Incorrect Endpoint
500	Internal Error	Generic System Error

Key	Value	Description
Date	Fri, 12 Jul 2024 17:12:40 GMT	A general header containing the date and time the message was sent.
Content-Type	application/fhir+json;charset=UTF-8	Indicates the resource's media type.
Content-Length	898	An entity header indicating the size of the entity-body, in bytes.
Connection	keep-alive	A general header specifying whether the current network connection will stay open once the current transaction finishes.
x-amzn-RequestId	80f11df3-9529-4f60-bf75-26fad7ceab3f	Custom header
Referrer-Policy	no-referrer	Custom header
Last-Modified	Wed, 14 Feb 2024 15:51:00 GMT	Indicates the date and time a resource was last modified.
X-XSS-Protection	1; mode=block	Stops pages from loading when they detect reflected cross-site scripting (XSS) attacks.
Access-Control-Allow-Origin	*	Specifies a URI that may access the response.
Content-Encoding	gzip	An entity header indicating the encoding method applied to the entity body.
Strict-Transport-Security	max-age=31536000; includeSubDomains	Lets websites tell a browser that they should only be accessed via HTTPS.
Feature-Policy	geolocation none;midi none;notifications none;push none;sync-xhr none;microphone none;camera none;magnetometer none;gyroscope none;speaker self;vibrate none;fullscreen self;payment none;	Custom header

Key	Value	Description
Content-Location	https://fhirtest.netsmartcloud.com/v4/Patient/161603	An entity header specifying the URL to use to access the resource without further content negotiation.
x-amzn-Remapped-Connection	keep-alive	Custom header
X-Request-ID	32c3864b-e813-4979-8b25-747a49a63fb1	Custom header
Set-Cookie	JSESSIONID=2B320A079D0468167D6546AEEE87AB7B; Path=/NtstFhir-web; Secure; HttpOnly	Sends cookies from the server to the user agent.
Set-Cookie	srvTime=1720804360282; Path=/	Sends cookies from the server to the user agent.
Set-Cookie	expTime=0; Path=/	Sends cookies from the server to the user agent.
x-amz-apigw-id	azyRUF9BiYcEjPQ=	Custom header
x-amzn-Remapped-Server	nginx	Custom header
X-Content-Type-Options	nosniff	Can be used to opt out of MIME type sniffing a response away from the declared content-type.
X-Powered-By	HAPI FHIR 6.8.7 REST Server (FHIR Server; FHIR 4.0.1/R4)	Specifies the technology (ASP.NET, PHP, JBoss, e.g.) supporting the web application.
X-NTST-Transaction-Id	32c3864b-e813-4979-8b25-747a49a63fb1	Custom header
X-NTST-App-Version	NTST-FHIR-v2.1.7_2024-07-02T20:49:01.157575256Z_2024-07-02T20:49:01.160378201Z	Custom header

Base URL

Each use case in the following section will reference the below Base URL along with a distinct extension based on the resource type to conduct an API search. The Base URL for the Patient Access API platform is as follows:

[Base URL] = https://dph-sapc-pax-app-prod.azurewebsites.net/api/

Obtaining Authorization Token

3ᴿᴰ PARTY APPLICATION REGISTRATION

In order to get a paxKey and paxSecret, all 3rd Party Applications must require patient consent that allows for data sharing. Once consent is given, 3rd Party Application will need to contact SAPC and get their application registered. Once registration is completed, a paxKey and paxSecret will be made available to the 3rd Party Application. This will give the 3rd Party the ability to obtain an authToken which is needed to use the Patient Access API. If there is an identifiable risk,LACDPH can disable the 3rd Party Application registration, thereby discontinuing access to the Patient Access API.

Parameter	Description	Type
paxkey	A unique id that is assigned to each provider and used in conjunction with the paxsecret to obtain an OAuth token	String
paxsecret	A password used to obtain an OAuth token	String

Example: GET [Base Url]/Token?paxKey={paxKey}&paxSecret={paxSecret}

Use your application issued paxKey and paxSecret in the API endpoint mentioned above to obtain the application authToken which will be used for all Patient Access API endpoints.

Search By Resources

PATIENT

For example, if you wanted to retrieve a client record using their Client ID then you would use the OAuth token. f the data return was successful, the Status will display a response of "200 OK". If it fails, please reference the HTTP Response codes for a status and description.

AVAILABLE SEARCH FOR PATIENT

Example: GET [Base Url]/Patient?authToken={authToken}

Parameter	Description
OAuth Token	Authorized Token
GUID	Globally Unique Identifier

RESPONSE

FHIR Element	AV Field	Description
id	Client Number	Unique Identifier
extension: us-core-genderIdentity	Gender Identity	Gender Identity, example Female-to-Male, Male-to-Female, Male, Female
extension: us-core-birthsex	Sex	Patient's Sex at Birth
gender	Sex	Patient's Gender
extension: patient-sexualOrientation	Sexual Orientation	Patient's Sexual Orientation
extension: patient-employmentStatus	Employment Status	Patient's Employment Status

FHIR Element	AV Field	Description
extension: patient-educationLevel	Education Level	Patient's Education Level
identifier.type.coding.code: "SS" identifier.value	Social Security Number	Patient's Social Security Number
name.family	Client Last Name	Patient's Last Name
name.given	Client First Name	Patient's First Name
name.given	Client Middle Name	Patient's Middle Name
name.prefix	Prefix	Patient's Prefix
name.suffix	Suffix	Patient's Suffix
name.text(1)	Alias	Patient's Alias
name.text(2-10)	Alias (2-10)	Patient's Aliases
telecom.system: "phone" telecom.use: "home" telecom.value	Client's Home Phone	Patient's Home Phone
telecom.system: "phone" telecom.use: "work" telecom.value	Client's Work Phone	Patient's Work Phone
telecom.system: "email" telecom.use: "mobile" telecom.value	Client's Email Address	Patient's Email Address
birthDate	Date of Birth	Patient's Date of Birth
address.line	Client's Address - Street	Patient's Street address
address.line	Client's Address - Street 2	Patient's Street Address
address.city	Client's Address - City	Patient's Address- City
address.district	Client's Address - District	Patient's Address- County
address.state	Client's Address - State	Patient's Address- State
address.postalCode	Client's Address -Zipcode	Patient's Address -Zipcode
maritalStatus.coding.code	Marital Status	Patient's Marital Status
communication.language.coding.code	Primary Language	Patient's Primary Language

SAMPLE RESPONSE BODY

```
{
        "resourceType": "Patient",
        "id": "160785",
        "meta": {
            "lastUpdated": "2023-08-18T11:23:00.000+00:00"
        },
        "extension": [{
                "url":
"http://hl7.org/fhir/us/core/StructureDefinition/us-core-genderIdentity",
                "valueCodeableConcept": {
                    "coding": [{
```

```
                                "system":
"urn:oid:2.16.840.1.113883.4.642.3.972",
                                "code": "446141000124107",
                                "display": "Female"
                            }]
                        }
                    },
                    {
                        "url":
"http://hl7.org/fhir/us/core/StructureDefinition/us-core-birthsex",
                        "valueCode": "F"
                    },
                    {
                        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-
sexualOrientation",
                        "valueCodeableConcept": {
                            "coding": [{
                                "system": "urn:oid:2.16.840.1.113883.4.642.3.29",
                                "code": "38628009",
                                "display": "Lesbian, gay or homosexual"
                            }]
                        }
                    },
                    {
                        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-
employmentStatus",
                        "valueCodeableConcept": {
                            "coding": [{
                                "code": "2",
                                "display": "Part Time (16-32 Hours A Week Not
Including Armed Forces)"
                            }]
                        }
                    },
                    {
                        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-
educationLevel",
                        "valueCodeableConcept": {
                            "coding": [{
                                "code": "3",
                                "display": "3 Years"
                            }]
                        }
                    }
                ],
                "identifier": [{
                        "type": {
                            "coding": [{
                                "system":
"http://terminology.hl7.org/CodeSystem/v2-0203",
                                "code": "SS",
                                "display": "Social Security Number"
                            }]
                        },
```

```json
                    "system": "http://hl7.org/fhir/sid/us-ssn",
                    "value": "562345678"
                },
                {
                    "use": "usual",
                    "type": {
                        "coding": [{
                            "system":
"http://terminology.hl7.org/CodeSystem/v2-0203",
                            "code": "MR"
                        }]
                    },
                    "system": "urn:oid:1.2.36.146.595.217.0.1",
                    "value": "160785"
                }
            ],
            "name": [{
                    "use": "usual",
                    "text": "MeMetest",
                    "family": "DOE",
                    "given": [
                        "JANE",
                        "MARY"
                    ]
                },
                {
                    "use": "old",
                    "text": "MEMETEST1"
                },
                {
                    "use": "old",
                    "text": "MEMETEST2"
                },
                {
                    "use": "old",
                    "text": "MEMETEST3"
                },
                {
                    "use": "old",
                    "text": "MEMETEST4"
                },
                {
                    "use": "old",
                    "text": "MEMETEST5"
                },
                {
                    "use": "old",
                    "text": "TEST WOMAN",
                    "family": "WOMAN",
                    "given": [
                        "TEST"
                    ],
                    "period": {
                        "start": "2023-01-11T12:00:00+00:00",
                        "end": "2023-06-20T12:00:00+00:00"
                    }
                },
```

```json
    {
        "use": "old",
        "text": "WOMANTEST WOMANTEST",
        "family": "WOMANTEST",
        "given": [
            "WOMANTEST"
        ],
        "period": {
            "start": "2023-06-20T12:00:00+00:00",
            "end": "2023-06-22T12:00:00+00:00"
        }
    },
    {
        "use": "old",
        "text": "JOHN DOE",
        "family": "DOE",
        "given": [
            "JOHN"
        ],
        "period": {
            "start": "2023-06-22T12:00:00+00:00",
            "end": "2023-07-12T12:00:00+00:00"
        }
    },
    {
        "use": "old",
        "text": "JOHN BOB DOE",
        "family": "DOE",
        "given": [
            "JOHN",
            "BOB"
        ],
        "period": {
            "start": "2023-07-12T12:00:00+00:00",
            "end": "2023-07-17T12:00:00+00:00"
        }
    },
    {
        "use": "old",
        "text": "JON BOB DOE",
        "family": "DOE",
        "given": [
            "JON",
            "BOB"
        ],
        "period": {
            "start": "2023-07-17T12:00:00+00:00",
            "end": "2023-08-10T12:00:00+00:00"
        }
    },
    {
        "use": "old",
        "text": "JOHN BOB DOE",
        "family": "DOE",
        "given": [
            "JOHN",
            "BOB"
```

```json
        ],
        "period": {
            "start": "2023-08-10T12:00:00+00:00",
            "end": "2023-08-10T12:00:00+00:00"
        }
    },
    {
        "use": "old",
        "text": "JOHN ROB DOE",
        "family": "DOE",
        "given": [
            "JOHN",
            "ROB"
        ],
        "period": {
            "start": "2023-08-10T12:00:00+00:00",
            "end": "2023-08-10T12:00:00+00:00"
        }
    }
],
"telecom": [{
        "system": "phone",
        "value": "5553545555",
        "use": "home"
    },
    {
        "system": "phone",
        "value": "5553545555",
        "use": "work"
    },
    {
        "system": "phone",
        "value": "5553545555",
        "use": "mobile"
    },
    {
        "system": "email",
        "value": "test@test.com",
        "use": "mobile"
    }
],
"gender": "female",
"birthDate": "1988-08-25",
"deceasedBoolean": false,
"address": [{
        "use": "home",
        "line": [
            "1000 S. Fremont",
            "Suite 500"
        ],
        "city": "Alhambra",
        "district": "19",
        "state": "CA",
        "postalCode": "91803",
        "period": {
            "start": "2023-07-17T12:00:00+00:00"
        }
```

```
            },
            {
                "line": [
                    "123 Main Street",
                    "Apt 220"
                ],
                "city": "Los Angeles",
                "district": "19",
                "state": "CA",
                "postalCode": "90025",
                "period": {
                    "start": "2023-07-17T12:00:00+00:00"
                }
            }
        ],
        "maritalStatus": {
            "coding": [{
                "code": "2",
                "display": "Married"
            }]
        },
        "communication": [{
            "language": {
                "coding": [{
                    "code": "7",
                    "display": "English"
                }]
            },
            "preferred": true
        }]
    }
```

EPISODEOFCARE

To retrieve a client's Episode using OAuth token. If the data return was successful, the Status will display a response of "200 OK". If it fails, please reference the HTTP Response codes for a status and description.

AVAILABLE SEARCH FOR EPISODEOFCARE

Example: GET [Base Url]/EpisodeOfCare?authToken={authToken}

Parameter	Description
OAuth Token	Authorized Token
GUID	Globally Unique Identifier

RESPONSE

FHIR Element	AV Field	Description
id	EpisodeofCare Unique Record ID	Unique Record ID for Episode
status	Status	Status of Episode of Care

FHIR Element	AV Field	Description
Type_code	Type code	Type of Episode of Care (ex. Admit)
Type_system	Program	Program Name
diagnosis	Diagnosis Unique Record ID	Unique Record ID for Diagnosis
extension: condition-diagnosisRole	Type of Diagnosis	Type of Diagnosis
patient	Client Number	Unique Identifier
period	Start date	Start date of Episode of Care

SAMPLE RESPONSE BODY

```
{
    "resourceType": "Bundle",
    "id": "0bf58b58-a00d-41ff-a49a-71eeb38b1a0b",
    "meta": {
        "lastUpdated": "2023-07-03T15:59:55.814-07:00"
    },
    "type": "searchset",
    "total": 1,
    "link": [
        {
            "relation": "self",
            "url":
"https://fhirtest.netsmartcloud.com/v4/EpisodeOfCare?patient=160100&page=1"
        }
    ],
    "entry": [
        {
            "fullUrl":
"https://fhirtest.netsmartcloud.com/v4/EpisodeOfCare/160100||1",
            "resource": {
                "resourceType": "EpisodeOfCare",
                "id": "160100||1",
                "status": "active",
                "type": [
                    {
                        "coding": [
                            {
                                "code": "A",
                                "display": "Admit"
                            }
                        ]
                    },
                    {
                        "coding": [
                            {
                                "system": "Program",
                                "code": "LE3900",
                                "display": "HEALTHRIGHT 360"
```

```json
                }
            ]
        }
    ],
    "diagnosis": [
        {
            "condition": {
                "reference": "Condition/90085||292472",
                "type": "Condition"
            },
            "role": {
                "coding": [
                    {
                        "system":
"http://terminology.hl7.org/CodeSystem/diagnosis-role",
                        "code": "AD",
                        "display": "Admission diagnosis"
                    }
                ]
            }
        }
    ],
    "patient": {
        "reference": "Patient/160100",
        "type": "Patient"
    },
    "period": {
        "start": "2019-08-01T12:00:00-07:00"
    }
}
}
]
}
```

COVERAGE (CLIENT FINANCIAL ELIGIBILITY)

To retrieve a client's Financial Eligibility (Coverage) using their Client ID you would use the OAuth token. If the data return was successful, the Status will display a response of "200 OK". If it fails, please reference the HTTP Response codes for a status and description.

AVAILABLE SEARCH FOR COVERAGE (CLIENT FINANCIAL ELIGIBILITY)

Example: GET [Base Url]/Coverage?authToken={authToken}

Parameter	Description
OAuth Token	Authorized Token
GUID	Globally Unique Identifier

RESPONSE

FHIR Element	AV Field	Description
id	Financial Eligibility Unique Record ID	Financial Eligibility Unique Record ID
extension: coverage-birth-date	Subscriber's Birth Date	Subscriber's Birth Date
extension: coverage-gender	Subscriber Sex	Subscriber Sex
extension: coverage-relationship-code	Client's Relationship To Subscriber	Client's Relationship To Subscriber
extension: coverage-address valueAddress.line	Subscriber Address - Street Line 1	Subscriber Address - Street Line 1
extension: coverage-address valueAddress.line	Subscriber Address - Street Line 2	Subscriber Address - Street Line 2
extension: coverage-address valueAddress.city	Subscriber Address - City	Subscriber Address - City
extension: coverage-address valueAddress.district	Subscriber Address - County	Subscriber Address - County
extension: coverage-address valueAddress.state	Subscriber Address - State	Subscriber Address - State
extension: coverage-address valueAddress.postalCode	Subscriber Address - Zip	Subscriber Address - Zip
extension: coverage-guarantor valueHumanName.text	Subscriber's Name	Guarantor's Name
extension: coverage-guarantor valueHumanName.family	Subscriber's Name	Guarantor's Last Name

FHIR Element	AV Field	Description
extension: coverage-guarantor valueHumanName.given	Subscriber's Name	Guarantor's First Name
extension: coverage-guarantor valueHumanName.given	Subscriber's Name	Guarantor's First Name
extension: coverage-guarantor valueHumanName.prefix	Subscriber's Name	Guarantor's Prefix
extension: coverage-guarantor valueHumanName.suffix	Subscriber's Name	Guarantor's Suffix
extension: coverage-subscriber-name valueHumanName.text	Subscriber's Name	Subscriber's Name
extension: coverage-subscriber-name valueHumanName.family	Subscriber's Name	Subscriber's Last Name
extension: coverage-subscriber-name valueHumanName.given	Subscriber's Name	Subscriber's First Name
extension: coverage-subscriber-name valueHumanName.given	Subscriber's Name	Subscriber's First Name
extension: coverage-subscriber-name valueHumanName.prefix	Subscriber's Name	Subscriber's Prefix
extension: coverage-subscriber-name valueHumanName.suffix	Subscriber's Name	Subscriber's Suffix
extension: coverage-social-security-number	Subscriber's Social Security #	Subscriber's Social Security #
extension: coverage-encounterReference	Admission Unique Record ID	Admission Unique Record ID
extension: coverage-bill-order	Guarantor #(1-20)	Guarantor #(1-20)
policyHolder.id policyHolder.reference	Client Number	Client Number
subscriberID	Subscriber Client Index Number	Subscriber Client Index Number
beneficiary.reference	Client Number	Client Number
relationship.coding.code	Client's Relationship To Subscriber	Client's Relationship To Subscriber

FHIR Element	AV Field	Description
period.start	Coverage Effective Date	Coverage Effective Date
period.end	Coverage Expiration Date	Coverage Expiration Date
payer.reference	Guarantor #	Guarantor #
order	Guarantor #(1-20)	Guarantor #(1-20)
network	Guarantor #	Guarantor #

SAMPLE RESPONSE BODY

```
{
    "resourceType": "Coverage",
    "id": "121250%7C%7CS2.001%7C%7CPATIENT",
    "extension": [
        {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-birth-
date",
            "valueString": "1988-08-25T12:00:00"
        },
        {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-gender",
            "valueCodeableConcept": {
                "coding": [
                    {
                        "code": "M",
                        "display": "Male"
                    }
                ]
            }
        },
        {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
relationship-code",
            "valueCodeableConcept": {
                "coding": [
                    {
                        "code": "1",
                        "display": "Self"
                    }
                ]
            }
        },
        {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-address",
            "valueAddress": {
                "line": [
                    "123 Main Street",
```

```
                        "Apt 123"
                    ],
                    "city": "Westwood",
                    "district": "19",
                    "state": "CA",
                    "postalCode": "90028"
                }
            },
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
guarantor",
                "valueHumanName": {
                    "text": "JOHN ROB DOE",
                    "family": "DOE",
                    "given": [
                        "JOHN",
                        "ROB"
                    ]
                }
            },
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
subscriber-name",
                "valueHumanName": {
                    "text": "JOHN ROB DOE",
                    "family": "DOE",
                    "given": [
                        "JOHN",
                        "ROB"
                    ]
                }
            },
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-social-
security-number",
                "valueString": "999-99-9999"
            },
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
encounterReference",
                "valueReference": {
                    "reference": "Encounter/arrived_121250%7C%7C6664.01",
                    "type": "Encounter"
                }
            },
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinitition/coverage-bill-
order",
                "valueInteger": 1
            }
        ],
        "policyHolder": {
```

```
            "reference": "Patient/121250",
            "type": "Patient"
        },
    "beneficiary": {
            "reference": "Patient/121250",
            "type": "Patient"
        },
    "relationship": {
            "coding": [
                {
                    "code": "1",
                    "display": "Self"
                }
            ]
        },
    "period": {
            "start": "2023-07-26T12:00:00+00:00"
        },
    "payor": [
            {
                "reference": "Organization/2",
                "type": "Organization"
            }
        ],
    "order": 1,
    "network": "2"
}
```

Developer Tools

Below is a list of tools to help developers integrate the Patient Access APIs from their applications.

Swagger: Swagger UI (dph-sapc-pax-app-prod.azurewebsites.net)