



LACDPH | Substance Abuse Prevention Control (SAPC)

Public Health Information Systems (PHIS)

HIDEX Companion Guide

Version 4.0

02/13/2026

Disclosure Statement

This document represents the Los Angeles County Department of Public Health (LACDPH) implementation instructions for HIDEX. This document specifies the required operation workflow, and data elements along with associated restrictions to exchange data electronically with LACDPH. 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

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Introduction.....	5
Background	5
Purpose.....	5
FHIR Workflow.....	6
Overview	6
Resources	8
HIDEX Onboarding.....	9
Use Case & Service Operations.....	9
Bundling Workflow	9
Core Resources	10
Patient (Client Data).....	11
Encounter (Admit Existing Client)	20
Condition (Women’s Health History)	22
Condition (Provider Diagnosis ICD-10)	24
EpisodeOfCare	29
Coverage (Client Financial Eligibility).....	30
Search API	36
HTTP Response Codes	37
Search By Resources	37
API	48
Patient API.....	48
Encounter API.....	48
Condition API.....	48
Coverage API	49
Bundle API.....	49
RESTful Dictionary API Endpoint	49
RESTful Validate API Endpoint.....	50
RESTful Generate API Endpoint	50
API JSON Samples*	51
Patient	51
Encounter	53
Condition – Women’s Health History.....	54
Condition – Diagnosis	55

Coverage.....	57
Bundle	59
Dictionary API	72
Validate API	74
Generate API	86

Introduction

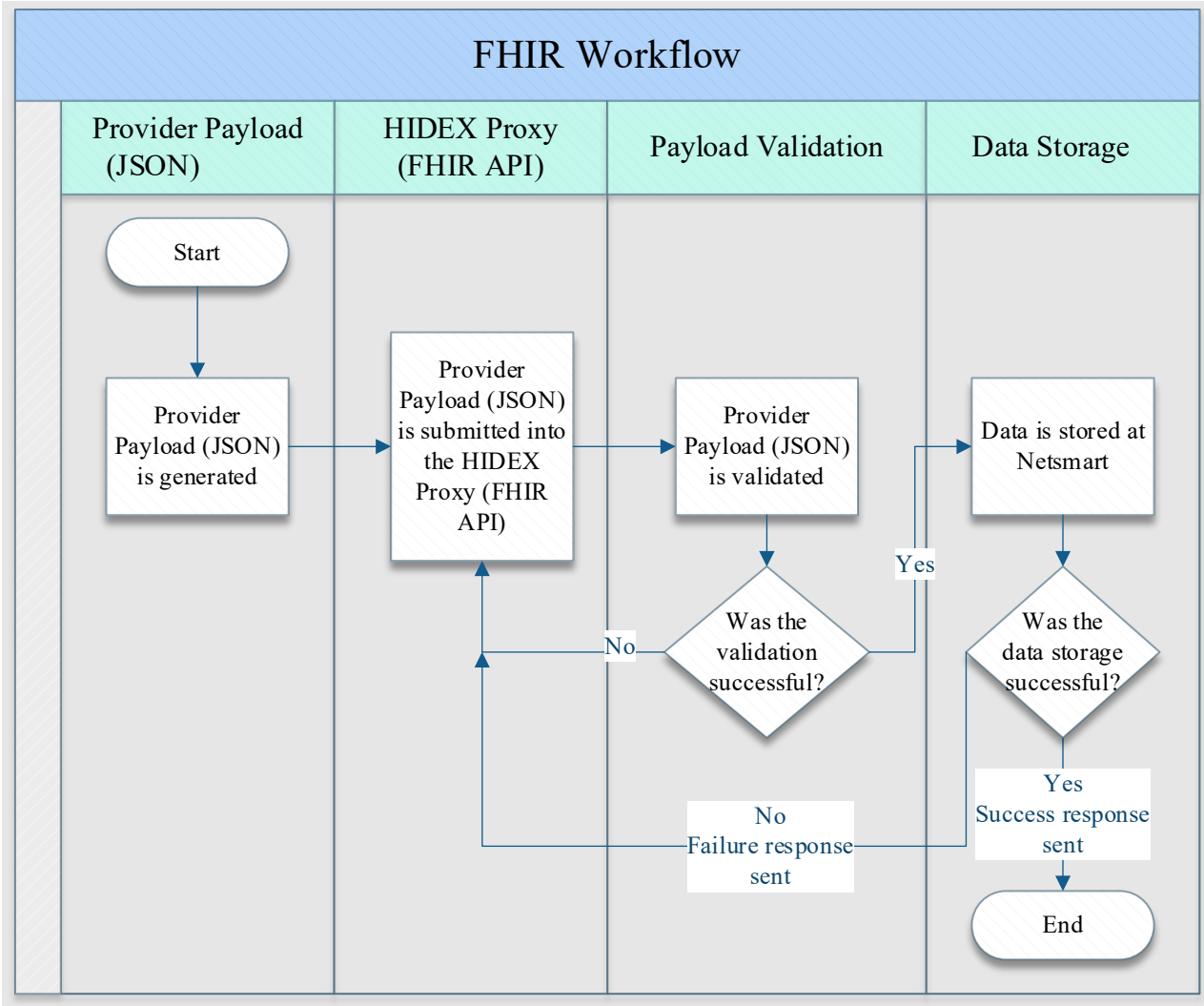
Background

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 setting a standard for health data formatting, 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



Overview

FHIR OVERVIEW

The basis of HL7 FHIR are components called "Resources". These "Resources" form the basic data exchange format and the model of FHIR. In FHIR, data is broken down into sections like patients, hospitals, or diagnostic results. Each of these sections are represented by a FHIR Resource which make an exchangeable patient record by defining the data elements, constraints, and relationships.

Each Resource has data elements that is necessary for its specific use case and connects relevant information with another Resource. For example, the Patient Resource has basic patient information such as name, gender, birthdate, along with contact information and it links with a Practitioner Resource which has information about the clinician nominated as the patient’s primary care provider. Resources use Uniform Resource Locators or URLs to be located within a FHIR system implementation

DPH SAPC uses Resources to connect 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
Condition	v4
Coverage	v4
Observation	v4

USE CASES

The workflows identified and the subsequent Methods will be supported through the HIDEX FHIR API.

Workflow	FHIR Resource	Method
Client Search	Patient	Get
Update Client Data	Patient	Put
Episode Search	EpisodeOfCare	Get
Diagnosis	Condition	Get, Post, Put
Women's Health History	Condition	Get, Post, Put
Financial Eligibility	Coverage	Get, Post, Put
Update Client Details	Observation	Put

Resources

PATIENT RESOURCE

This resource covers data about patients involved in a wide range of health-related activities. This data covers the “Who” information of the patient. It focuses on the demographic information necessary to support the administrative, financial, and logistic procedures. The patient record is generally created and maintained by the organization providing care for the patient. If a patient is receiving care at multiple organization, they will have their information present in multiple Patient Resources. More information about the Organization Resource can be found in this website: <https://hl7.org/fhir/R4B/patient.html>

ENCOUNTER RESOURCE

The Encounter Resource is an interaction between a patient and healthcare provider(s) for the purpose of providing healthcare services(s) or assessing the health status of a patient. The patient resource is set apart by the setting in which it takes place. Examples include, ambulatory, emergency, inpatient, etc. An Encounter Resource encompasses the lifecycle from pre-admission to discharge. Due to the broad scope of Encounter, not all the data elements will be relevant in all settings. More information about the Encounter Resource can be found in this website: <https://hl7.org/fhir/R4B/encounter.html>

CONDITION RESOURCE

Condition is a clinical condition, problem, diagnosis or other event, situation, issue, or clinical concept that has risen to a level of concern. It is a clinician’s assessment and assertion of a particular aspect of a patient’s state of health. It can be for a diagnosis, a problem, or an ongoing health issue/concern. It could also be used to record a health state that is not normally a negative outcome, such as pregnancy. More information about the Condition Resource can be found in this website: <https://hl7.org/fhir/R4B/condition.html>

COVERAGE RESOURCE

Coverage includes insurance and self-payment, any financial instrument that can be used to reimburse or pay for health care products or services. This resource provides identifiers and descriptors of an insurance plan with information that would appear on an insurance card or when an individual has registered as “SelfPay” and is taking responsibility for payment of a portion of the healthcare costs. More information about the Coverage Resource can be found in this website: <https://hl7.org/fhir/R4B/coverage.html>

BUNDLING RESOURCES

A Bundle is a container for Resources. They enable Resources to be grouped and transmitted altogether at once. Resource Bundles are useful for a variety of reason some of which include

- Returning a set of resources that meet some criteria as part of a server operation

- Returning a set of versions of resources as part of the history operation on a server
- Sending a set of resources as part of a message exchange
- Grouping a self-contained set of resources to act as an exchangeable and persistable collection with clinical integrity
- Creating/updating/deleting a set of resources on a server as a single operation
- Storing a collection of resources

More information about the Bundle Resource can be found in this website: <https://hl7.org/fhir/STU3/bundle.html>

HIDEX Onboarding

You will need to register your application with the HIDEX Proxy at which point you will be issued a client Id and client secret. Your client id and client secret will be used to obtain an authentication token which will give you access to the HIDEX FHIR API endpoints.

Use Case & Service Operations

Bundling Workflow

DPH SAPC supports the following operations, and each have Bundled Resources and Bundle ID's:

WorkFlow	FHIR Resource Bundle
Admit Existing Client	Patient, Encounter
Admit Existing Client + Diagnosis	Patient, Encounter, Condition
Admit Existing Client + Women's Health History	Patient, Encounter, Condition
Admit Existing Client + Client Financial Eligibility	Patient, Encounter, Coverage

Admit Existing Client (Patient, Encounter):

This workflow is used to admit an existing client using a bundle that consists of the Patient and Encounter resources. In this bundle, the Encounter has a reference to patient through the *Subject* field as shown below:

Resource	Element	Dependency
Encounter	Subject	Patient resource: PatId

Admit Existing Client + Diagnosis (Patient, Encounter, Condition):

This workflow is used for submitting a condition for an existing patient using a bundle. The three resources used in bundle are Patient, Encounter and Condition. In this bundle, Encounter and Condition has a reference to patient through *Subject* field, Condition has a reference to Encounter through *Encounter* field as shown below:

Resource	Element	Dependency
Encounter	Subject	Patient resource: PatId
Condition	Subject	Patient resource: PatId
Condition	Encounter	Encounter resource: EncounterId

Admit Existing Client + Women’s Health History (Patient, Encounter, Condition):

This workflow is used to submit women’s health history using a bundle. The three resources used in bundle are Patient, Encounter and Condition. In this bundle, Encounter and Condition has a reference to patient through *Subject* field, Condition has a reference to Encounter through *Encounter* field as shown below:

Resource	Element	Dependency
Encounter	Subject	Patient resource: PatId
Condition	Subject	Patient resource: PatId
Condition	Encounter	Encounter resource: EncounterId

Admit Existing Client + Client Financial Eligibility (Patient, Encounter, Coverage):

This workflow is used to submit a financial eligibility for a patient using a bundle. The three resources used in the bundle are Patient, Encounter and Coverage. In this bundle, Encounter has a reference to patient through *Subject* field, Coverage has a reference to patient through *PolicyHolder* and *Beneficiary* fields. Encounter is referred as an *extension: coverage-encounterReference* as shown below:

Resource	Element	Dependency
Encounter	Subject	Patient resource: PatId
Coverage	PolicyHolder	Patient resource: PatId
Coverage	Beneficiary	Patient resource: PatId
Coverage	Extension: coverage-encounterReference	Encounter resource: EncounterId

Core Resources

Resource Type
Patient
Encounter
Condition (Women’s Health History)
Condition (Diagnosis)
Coverage (Client Financial Eligibility)
EpisodeOfCare

Patient (Client Data)

Description

The Provider may create or update any of the demographic or other administrative information about a patient. To retrieve any demographic data or other administrative information about a patient the Provider can use the Get Patient API.

GET PATIENT RESOURCE - INPUT

URL Parameter	Description	Format
{PatientID}	Patient ID	{PATID} e.g 160785

Example: <https://hidex-portal-uat.azurewebsites.net/api/patient/160785?clientid={clientid}&clientsecret={clientsecret}>

GET PATIENT RESOURCE - OUTPUT

FHIR Element	Avatar Field	Description
id	Client Number	Unique Identifier
extension: patient-custom-race	Race	Race
extension: patient-custom-ethnicity	Ethnicity	Ethnicity
extension: us-core-genderIdentity	Gender Identity	Gender Identity
extension: us-core-birthsex	Sex	Patient’s Sex at Birth

FHIR Element	Avatar Field	Description
extension: patient-sexualOrientation	Sexual Orientation	Patient's Sexual Orientation
extension: patient-employmentStatus	Employment Status	Patient's Employment Status
extension: patient-educationLevel	Education Level	Patient's Education Level
extension: patient-veteran-status	Veteran	Patient's Veteran Status
gender	Sex	Patient's Gender
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
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: "phone" telecom.use: "mobile" telecom.value	Client's Mobile Phone	Patient's Mobile 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 - County	Patient's Address- County

FHIR Element	Avatar Field	Description
address.state	Client's Address - State	Patient's Address- State
address.postalCode	Client's Address - Zipcode	Patient's Address - Zipcode
Address.period.start Address.period.end		Stay period in UTC
Photo		Photo url
maritalStatus.coding.code	Marital Status	Patient's Marital Status
communication.language.coding.code	Primary Language	Patient's Primary Language

POST PATIENT RESOURCE – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Core/Patient/Create>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	name.family	Client First Name	R	Free text	20
Patient	name.given	Client Last Name	R	Free text	20
Patient	name.given	Client Middle Name	O	Free text	20
Patient	identifier	Social Security Number	O	###-##-####	
Patient	birthDate	Date of Birth	O	YYYY-MM-DD	
Patient	extension: patient-genderIdentity	Sex	R	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	7
Patient	extension: us-core-genderIdentity	Gender Identity	R	Restricted to a set of values provided via Data Dictionary	15

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
				Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	
Patient	extension: patient-custom-race	Race	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	extension: patient-employmentStatus	Employment Status	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	extension: patient-educationLevel	Education	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	extension: patient-sexualOrientation	Sexual Orientation	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	8
Patient	telecom.system: "phone" telecom.use: "home"	Clients Home Phone	O	###-###-####	
Patient	telecom.system: "phone" telecom.use: "work"	Clients Work Phone	O	###-###-####	

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	telecom.system: "phone " telecom.use: "mobile"	Clients Mobile Phone	O	###-###-####	
Patient	telecom.system:"email " telecom.use: "mobile"	Email	O	Free text	40
Patient	maritalStatus	Marital Status	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Patient	communication	Primary Language	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Patient	extension: us-core-ethnicity	Ethnic Origin	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Patient	address.line	Client's Address - Street	O	Free text	40
Patient	address.line	Client's Address – Street 2	O	Free text	40
Patient	address.city	Client's Address - City	O	Free text	40

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	address.district	Client's Address - County	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	address.state	Client's Address - State	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	address.postalCode	Client's Address - Zipcode	O	#####	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/patient?clientid={clientid}&clientsecret={clientsecret}>

POST PATIENT RESOURCE – OUTPUT

Data Attribute
Patient Id

PUT PATIENT RESOURCE – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Core/Patient/Update>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	subject	Client Number	R	{PATID}	9
Patient	name.family	Client First Name	O	Free text	20

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	name.given	Client Last Name	O	Free text	20
Patient	name.given	Client Middle Name	O	Free text	20
Patient	identifier	Social Security Number	O	###-##-####	
Patient	birthDate	Date of Birth	O	YYYY-MM-DD	
Patient	extension: patient-genderIdentity	Sex	R	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	7
Patient	extension: us-core-genderIdentity	Gender Identity	R	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	15
Patient	extension: patient-custom-race	Race	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	extension: patient-employmentStatus	Employment Status	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	extension: patient-educationLevel	Education	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	extension: patient-sexualOrientation	Sexual Orientation	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	8
Patient	telecom.system: "phone" telecom.use: "home"	Clients Home Phone	O	###-###-####	
Patient	telecom.system: "phone" telecom.use: "work"	Clients Work Phone	O	###-###-####	
Patient	telecom.system: "phone " telecom.use: "mobile"	Clients Mobile Phone	O	###-###-####	
Patient	telecom.system:"email " telecom.use: "mobile"	Email	O	Free text	40
Patient	maritalStatus	Marital Status	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Patient	communication	Primary Language	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Patient	address.line	Client's Address - Street	O	Free text	40
Patient	address.line	Client's Address – Street 2	O	Free text	40
Patient	address.city	Client's Address - City	O	Free text	40
Patient	address.district	Client's Address - County	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	address.state	Client's Address - State	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Patient	address.postalCode	Client's Address - Zipcode	O	#####	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/patient/160785?clientid={clientid}&clientsecret={clientsecret}>

PUT PATIENT RESOURCE – OUTPUT

Data Attribute
Patient Id

Encounter (Admit Existing Client)

Description

The Provider may create or update any interaction between them and a patient.

POST ENCOUNTER RESOURCE – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Core/Encounter/Create>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Encounter	Subject	Client Number	R	{PATID}	9
Encounter	Participant	Practitioner ID	R	Restricted to a set of values provided via Provider Directory	6
Encounter	Extension: encounter-hospitalServiceReference	Program	R	Restricted to a set of values provided via Provider Directory	10
Encounter	Class	Type of Admission	R	Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Encounter	Period.start	Admission DateTime	R	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -08 based on Daylight Saving	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/encounter?clientid={clientid}&clientsecret={clientsecret}>

POST ENCOUNTER RESOURCE – OUTPUT

Data Attribute
Encounter ID

PUT ENCOUNTER RESOURCE – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Core/Encounter/Update>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Encounter		Encounter ID	R	{PATID} {EncounterID}	
Encounter	Subject	Client Number	R	{PATID}	9
Encounter	Participant	Practitioner ID	O	Restricted to a set of values provided via Provider Directory	6
Encounter	Extension: encounter-hospitalServiceReference	Program	R	Restricted to a set of values provided via Provider Directory	10
Encounter	Class	Type of Admission	R	Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Encounter	Period.start	Admission DateTime	O	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be – 07 or –08 based on Daylight Saving	

*Date under Period field and Program field can't be updated using a PUT API call. Period field value is combination and Date and Time. Date can't be changed but Time can be changed. Changing Period field's time zone value may cause an error if the date is changed, as a result of time zone change.
For e.g in date "2023-08-04T02:57:23-07:00", value "-07:00" represents time zone. Changing that to non-zero value may change the date to next day.

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/encounter/160785> | 6648.51?clientid={clientid}&clientsecret={clientsecret}

PUT ENCOUNTER RESOURCE – OUTPUT

Data Attribute
Encounter ID

Condition (Women’s Health History)

DESCRIPTION

The Provider may create or update a Women’s Health History form in a Client’s profile to add, view or modify information pertaining to client’s health record. To retrieve any Women’s Health History data for a patient the Provider can use the Get Condition API.

GET CONDITION (WOMEN’S HEALTH HISTORY) – INPUT

URL Parameter	Description	Format
{PregnancyID}	Pregnancy Identifier	pregnancy_1 {PATID} {PregnancyID} e.g pregnancy_1 160785 PRG.006

Example: https://hidetrain.sapc.ph.lacounty.gov/api/condition/pregnancy_1||160785||PRG.006?clientid={clientid}&clientsecret={clientsecret}

GET CONDITION (WOMEN’S HEALTH HISTORY) - OUTPUT

FHIR Element	Avatar Field	Description
id	Pregnancy Unique Record ID	Pregnancy Unique Record ID
category.coding		FHIR Condition Category
code.coding		LOINC Pregnancy Status - Reported
subject.id		
subject.reference	Client Number	Client Number
encounter.id		
encounter.reference	Admission Unique Record ID	Admission Unique Record ID
onsetDateTime	Pregnancy Billing Start Date	Pregnancy Billing Start Date
abatementDateTime	Pregnancy Billing End Date	Pregnancy Billing End Date

recordedDate	Assessment Date	Assessment Date
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POST CONDITION (WOMEN’S HEALTH HISTORY) – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Bundles/WomensHealthHistory/Create>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Condition	Subject	Client Number	R	{PATID}	9
Condition	Encounter		R	{PATID} { EncounterID}	
Condition	Identifier		R	Must be in exact case ‘Womens Health History’	
Condition	onsetDateTime	Pregnancy Start Date	O	YYYY-MM-DD	
Condition	abatementDateTime	Pregnancy End Date	O	YYYY-MM-DD	
Condition	recordedDate	Assessment Date	R	YYYY-MM-DD	
Condition	Code		R	Code.Coding.Display must be in exact case ‘Pregnancy Status’	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/condition?clientid={clientid}&clientsecret={clientsecret}>

POST CONDITION (WOMEN’S HEALTH HISTORY) - OUTPUT

Data Attribute
Pregnancy ID

PUT CONDITION (WOMEN’S HEALTH HISTORY) - INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Bundles/WomensHealthHistory/Update>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/CR	Validation	MaxL
Condition	Pregnancy ID		R	pregnancy_1 {PATID} {PregnancyID} e.g pregnancy_1 160785 PRG.006	
Condition	Subject	Client Number	R	{PATID}	9
Condition	Encounter		R	{PATID} {EncounterID}	
Condition	Identifier		R	Must be in exact case 'Womens Health History'	
Condition	onsetDateTime	Pregnancy Start Date	O	YYYY-MM-DD	
Condition	abatementDateTime	Pregnancy End Date	O	YYYY-MM-DD	
Condition	recordedDate	Assessment Date	O	YYYY-MM-DD	
Condition	Code		R	Code.Coding.Display must be in exact case 'Pregnancy Status'	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/condition/1||160785||PRG.018?clientid={clientid}&clientsecret={clientsecret}>

PUT CONDITION (WOMEN'S HEALTH HISTORY) - OUTPUT

Data Attribute
Pregnancy ID

Condition (Provider Diagnosis ICD-10)

Description

The Provider may create or update a Provider Diagnosis ICD-10 form in a Client's profile to add, view or modify information pertaining to client's health record. To retrieve any Provider Diagnosis ICD-10 data for a patient the Provider can use the Get Condition API.

GET CONDITION (PROVIDER DIAGNOSIS ICD-10) - INPUT

URL Parameter	Description	Format
{DiagnosisID}	Diagnosis Identifier	Encounter-diagnosis_{DiagnosisID} e.g encounter-diagnosis_90832 293439

Example: https://hidex-train.sapc.ph.lacounty.gov/api/condition/encounter-diagnosis_90832||293439?clientid={clientid}&clientsecret={clientsecret}

GET CONDITION (PROVIDER DIAGNOSIS ICD-10) - OUTPUT

FHIR Element	Avatar Field	Description
id	Diagnosis Unique Record ID	Unique Record ID for Diagnosis
extension: condition-diagnosisRole	Type of Diagnosis	Type of Diagnosis
extension: condition-diagnosisRank	Ranking	Ranking Of Diagnosis
extension: condition-diagnosisBillOrder	Bill Order	Bill Order of Diagnosis
category.coding.code: "encounter-diagnosis"	N/A	Encounter-Diagnosis
severity.coding.code	General Medical Condition Summary Code (CSI)	General Medical Condition Summary Code (CSI)
code.coding.code	ICD-10 Code	ICD-10 Code
subject.id subject.reference	Client Number	Client Number
encounter.id encounter.reference	Admission Unique Record ID	Admission Unique Record ID
onsetDateTime	Date of Diagnosis/Estimated Onset Date	Date of Diagnosis/Estimated Onset Date
abatementDateTime	Estimated Discharge Date (CSI)	Estimated Discharge Date (CSI)
asserter.id asserter.reference	Diagnosing Practitioner	Diagnosing Practitioner
evidence.detail.reference: "SUBSTANCE_ABUSE_DEPENDENCE" evidence.code.coding.code	Substance Abuse / Dependence (CSI)	Substance Abuse / Dependence (CSI)
evidence.detail.reference: "TRAUMA" evidence.code.coding.code	Trauma (CSI)	Trauma (CSI)

FHIR Element	Avatar Field	Description
evidence.detail.reference: "SUBSTANCE_ABUSE_DEPENDENCE_DIAGNOSIS " evidence.code.coding.code	Substance Abuse / Dependence Diagnosis (CSI)	Substance Abuse / Dependence Diagnosis (CSI)

POST CONDITION (PROVIDER DIAGNOSIS ICD-10) – INPUT

Sample JSON Generator: <https://hidex-train.sapc.ph.lacounty.gov/Bundles/Diagnosis/Create>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Condition	Subject	Client Number	R	{PATID}	9
Condition	Encounter ID		R	{PATID} {EncounterID}	
Condition	Identifier		R	Must be in exact case 'Diagnosis'	
Condition	Extension: condition-diagnosisBillOrder	Bill Order	R	Numeric	5
Condition	Extension: condition-diagnosisRank	Ranking	R	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Condition	Extension: condition-diagnosisRole	Type of Diagnosis	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Condition	ClinicalStatus	Status	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Condition	Code.coding.code	Diagnosis	R	ICD-10 Diagnosis Code	

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Condition	OnsetDateTime	Date of Diagnosis Time of Diagnosis	R	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -08 based on Daylight Saving	
Condition	AbatementDateTime	Resolved Date	O	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -08 based on Daylight Saving *ONLY required if ClinicalStatus value is '4 - Resolved'	
Condition	Asserter	Diagnosing Practitioner	R	Restricted to a set of values provided via Provider Directory	6

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/condition?clientid={clientid}&clientsecret={clientsecret}>

POST CONDITION (PROVIDER DIAGNOSIS ICD-10) - OUTPUT

Data Attribute
Diagnosis ID

PUT CONDITION (PROVIDER DIAGNOSIS ICD-10) – INPUT

Sample JSON Generator: <https://hidex-train.sapc.ph.lacounty.gov/Bundles/Diagnosis/Update>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Condition	Diagnosis ID		R	{DiagnosisID}	
Condition	Subject	Client Number	R	{PATID}	9
Condition	Encounter		R		

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Condition	Identifier		R	Must be in exact case 'Diagnosis'	
Condition	Extension: condition-diagnosisBillOrder	Bill Order	R	Numeric	5
Condition	Extension: condition-diagnosisRank	Diagnosis Rank	R	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Condition	Extension: condition-diagnosisRole	Type of Diagnosis	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Condition	ClinicalStatus	Status	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Condition	Code.coding.code	Diagnosis	R	ICD-10 Diagnosis Code	
Condition	OnsetDateTime	Date of Diagnosis Time of Diagnosis	R	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -08 based on Daylight Saving	
Condition	AbatementDateTime	Resolved Date	O	YYYY-MM-DDTHH:MM:SS-07:00 *UTC Timezone can be -07 or -08 based on Daylight Saving *ONLY required if ClinicalStatus value is '4 - Resolved'	
Condition	Asserter	Diagnosing Practitioner	R	Restricted to a set of values provided via Provider Directory	6

*Date of Diagnosis/Resolved date fields can't be updated in a PUT API call. The field value is combination of Date and Time. Date can't be changed but Time can be changed. Changing Date of Diagnosis's/Resolved date's time zone value may cause an error if the date is changed, as a result of time zone change.

For e.g in date "2023-08-04T02:57:23-07:00", value "-07:00" represents time zone. Changing that to non-zero value may change the date to next day.

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/condition/91143||293850?clientid={clientid}&clientsecret={clientsecret}>

PUT CONDITION (PROVIDER DIAGNOSIS ICD-10) - OUTPUT

Data Attribute
Diagnosis ID

EpisodeOfCare

DESCRIPTION

The provider may create a EpisodeOfCare for a client and record all the encounters under a given Episode. To retrieve all Episode information provider can use the Get EpisodeOfCare API.

GET EPISODEOF CARE RESOURCE – INPUT

URL Parameter	Description	Format
{EpisodeID}	EpisodeOfCare Identifier	{PATID} {EpisodeID} e.g 160785 1

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/EpisodeOfCare/160785||1?clientid={clientid}&clientsecret={clientsecret}>

GET EPISODEOF CARE RESOURCE – OUTPUT

FHIR Element	PCNX Field	Description
id		EpisodeOfCareID
status		Episode Status
type.coding.code		Episode Type

type.coding.system	Program	Encounter Program
diagnosis.condition.reference		ConditionID
diagnosis.role.coding.system		
diagnosis.role.coding.code		Condition Diagnosis Role
patient.reference	Client Number	Client Number
period.start		
period.end	Admission DateTime	Encounter Period

Coverage (Client Financial Eligibility)

Description

The Provider needs to access the Financial Eligibility form in a Client’s profile to add or modify Medical Insurance information to it. To retrieve any Financial Eligibility data for a patient the Provider can use the Get Coverage API.

GET COVERAGE RESOURCE – INPUT

URL Parameter	Description	Format
{CoverageID}	Coverage Identifier	{PATID} {CoverageID} PATIENT e.g 160785 S109.001 PATIENT

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/coverage/160785 | S109.001 | PATIENT?clientid={clientid} &clientsecret={clientsecret}>

GET COVERAGE RESOURCE – OUTPUT

FHIR Element	Avatar Field	Description
id	Episode of 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's Sex	Subscriber's Sex

FHIR Element	Avatar Field	Description
extension: coverage-relationship-code	Client's Relationship To Subscriber	Client's Relationship To Subscriber
extension: coverage-address valueAddress.line	Subscriber's Address - Street Line 1	Subscriber's Address - Street Line 1
extension: coverage-address valueAddress.line	Subscriber's Address - Street Line 2	Subscriber's Address - Street Line 2
extension: coverage-address valueAddress.city	Subscriber's Address - City	Subscriber's Address - City
extension: coverage-address valueAddress.district	Subscriber's Address - County	Subscriber's Address - County
extension: coverage-address valueAddress.state	Subscriber's Address - State	Subscriber's Address - State
extension: coverage-address valueAddress.postalCode	Subscriber's Address - Zip	Subscriber's 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
extension: coverage-guarantor valueHumanName.given	Subscriber's Name	Guarantor's First Name
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-social-security-number	Subscriber's Social Security #	Subscriber's Social Security #
extension: coverage-encounterReference	Admission Unique Record ID	Admission Unique Record ID

FHIR Element	Avatar Field	Description
extension: coverage-bill-order	Guarantor #(1-20)	Guarantor #(1-20)
policyHolder.id policyHolder.reference	Client Number	Client Number
beneficiary.reference	Client Number	Client Number
relationship.coding.code	Client's Relationship To Subscriber	Client's Relationship To Subscriber
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 #

POST COVERAGE RESOURCE – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Core/Coverage/Create>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	Max L
Coverage	PolicyHolder	Client Number	R	{PATID}	9
Coverage	Network	Guarantor ID	R	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	3
Coverage	Period.start	Coverage Effective Date	R	YYYY-MM-DD	
Coverage	Period.end	Coverage End Date	O	YYYY-MM-DD	
Coverage	Extension: coverage-birth-date	Subscriber's Birth Date	O	YYYY-MM-DD	

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	Max L
Coverage	Extension: coverage-gender	Subscriber Sex	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Coverage	Extension: coverage-bill-order	Bill Order	O	Numeric	1
Coverage	Extension: coverage-address valueAddress.line	Subscriber Address – Street Line 1	O	Free text	40
Coverage	Extension: coverage-address valueAddress.line	Subscriber's Address – Street Line 2	O	Free text	40
Coverage	Extension: coverage-address valueAddress.city	Subscriber's Address – City	O	Free text	40
Coverage	Extension: coverage-address valueAddress.district	Subscriber's Address – County	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Coverage	Extension: coverage-address valueAddress.state	Subscriber's Address – State	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Coverage	Extension: coverage-address valueAddress.postalcode	Subscriber's Address – Zip	O	#####	

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	Max L
Coverage	Extension: coverage-subscriber-name valueHumanName.name.given	Subscriber's First Name	O	Free text	20
Coverage	Extension: coverage-subscriber-name valueHumanName.name.family	Subscriber's Last Name	O	Free text	20
Coverage	Extension: coverage-social-security-number	Subscriber's Social Security #	O	###-##-####	
Coverage	Extension: coverage-encounterReference		R	{PATID} {EncounterID}	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/coverage?clientid={clientid}&clientsecret={clientsecret}>

POST COVERAGE RESOURCE - OUTPUT

Data Attribute
Coverage ID

PUT COVERAGE RESOURCE – INPUT

JSON Sample Generator: <https://hidex-train.sapc.ph.lacounty.gov/Core/Coverage/Update>

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Coverage	CoverageID		R	{PATID} {CoverageID} PATIENT	
Coverage	PolicyHolder	Client Number	R	{PATID}	6

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Coverage	Period.start	Coverage Effective Date	O	YYYY-MM-DD	
Coverage	Period.end	Coverage End Date	O	YYYY-MM-DD	
Coverage	Extension: coverage-birth-date	Subscriber's Birth Date	O	YYYY-MM-DD	
Coverage	Extension: coverage-gender	Subscriber's Sex	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	1
Coverage	Extension: coverage-bill-order	Bill Order	O	Numeric	1
Coverage	Extension: coverage-address valueAddress.line	Subscriber Address – Street Line 1	O	Free text	40
Coverage	Extension: coverage-address valueAddress.line	Subscriber's Address – Street Line 2	O	Free text	40
Coverage	Extension: coverage-address valueAddress.city	Subscriber's Address – City	O	Free text	40
Coverage	Extension: coverage-address valueAddress.district	Subscriber's Address – County	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2

FHIR Resource	FHIR Attribute	PCNX Field	R/O/C R	Validation	MaxL
Coverage	Extension: coverage-address valueAddress.state	Subscriber's Address – State	O	Restricted to a set of values provided via Data Dictionary Refer to https://hidex-train.sapc.ph.lacounty.gov/DataDictionary to search for dictionary Ids	2
Coverage	Extension: coverage-address valueAddress.postalcode	Subscriber's Address – Zip	O	#####	
Coverage	Extension: coverage-subscriber-name valueHumanName.name.given	Subscriber First Name	O	Free text	20
Coverage	Extension: coverage-subscriber-name valueHumanName.name.family	Subscriber Last Name	O	Free text	20
Coverage	Extension: coverage-social-security-number	Subscriber's Social Security #	O	###-##-####	
Coverage	Extension: coverage-encounterReference		R	{PATID}{{EncounterID}}	

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/coverage/160785||S109.001||PATIENT?clientid={clientid}&clientsecret={clientsecret}>

PUT COVERAGE RESOURCE - OUTPUT

Data Attribute
Coverage ID

Search API

This API allows the provider to search different resources like patient, condition, episodeofcare, coverage and questionnairesresponse 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

Search By Resources

PATIENT

For example, if you wanted to retrieve a client record using their Client ID then you would use Search Client by ID by clicking on the Get Search Client by ID endpoint. Next you would select the `_id` Key parameter and enter a value under the Value column before submitting the search to generate a response. If the data send 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 SEARCHES UNDER PATIENT

Query Parameter	R/O	Description	Format
Family	O	Last Name	Alpha
Given	O	First Name	Alpha
Alias	O	Alias Name	Alpha
SSN	O	Social Security Number	###-##-####
Birthdate	O	YYYY-MM-DD	YYYY-MM-DD
Start	O	Start Date of Birth Range	YYYY-MM-DD
End	O	End Date of Birth Range	YYYY-MM-DD
Gender	O	Gender	Alpha lowercase (male/female/unknown)

Query Parameter	R/O	Description	Format
_id	O	Patient ID	Integer

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/Patient/Search?family=smith&gender=male&clientid={clientid}&clientsecret={clientsecret}>

SEARCH RESPONSE

FHIR Element	Avatar Field	Description
id	Client Number	Unique Identifier
extension: patient-custom-race	Race	Race
extension: patient-custom-ethnicity	Ethnicity	Ethnicity
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
extension: patient-educationLevel	Education Level	Patient's Education Level
extension: patient-sexualOrientation-other	Sexual Orientation (Please Describe)	Patient's Sexual Orientation Description
extension: patient-genderIdentity-other	Gender Identity (Please Describe)	Patient's Gender Identity Description
extension: patient-veteran-status	Veteran	Patient's Veteran Status
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

FHIR Element	Avatar Field	Description
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: "phone" telecom.use: "mobile" telecom.value	Client's Mobile Phone	Patient's Mobile 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 - County	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

CONDITION

To retrieve a client's Diagnosis/Pregnancy using their Client ID you would use the Get Search Diagnosis/Pregnancy by ID endpoint. The next step would be to select the `_id` Key parameter and enter a value under the Value column before submitting the search to generate a response. If the data send 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 SEARCHES UNDER CONDITION - DIAGNOSIS

1. Search Diagnosis by PatientID and EncounterId

Query Parameter	R/O	Description	Format
category	R	Need to be: encounter-diagnosis	encounter-diagnosis
patient	R	Patient ID	Integer
start	R	onset date (required for workaround)	1846-01-01

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/Condition/Search?category=encounter-diagnosis&encounter=160785|6648.51&start=1800-01-01&patient=160785&clientid={clientid}&clientsecret={clientsecret}>

2. Search Diagnosis by DiagnosisId

Query Parameter	R/O	Description	Format
id	R	Diagnosis Identifier	encounter-diagnosis{DiagnosisID} e.g encounter-diagnosis_90596 293167

Example: https://hidex-train.sapc.ph.lacounty.gov/api/condition/search?_id=encounter-diagnosis_90596|293167&clientid={clientid}&clientsecret={clientsecret}

AVAILABLE SEARCHES UNDER CONDITION - PREGNANCY

Search Pregnancy by Patient Id

Query Parameter	R/O	Description	Format
category	R	Need to be: pregnancy	pregnancy
patient	R	Patient ID	Integer e.g 160785

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/Condition/Search?category=pregnancy&patient=160785&clientid={clientid}&clientsecret={clientsecret}>

SEARCH RESPONSE FOR CONDITION - DIAGNOSIS

FHIR Element	Avatar Field	Description
id	Diagnosis Unique Record ID	Unique Record ID for Diagnosis
extension: condition-diagnosisRole	Type of Diagnosis	Type of Diagnosis
extension: condition-diagnosisRank	Ranking	Ranking Of Diagnosis

FHIR Element	Avatar Field	Description
extension: condition-diagnosisBillOrder	Bill Order	Bill Order of Diagnosis
category.coding.code: "encounter-diagnosis"	N/A	Encounter-Diagnosis
severity.coding.code	General Medical Condition Summary Code (CSI)	General Medical Condition Summary Code (CSI)
code.coding.code	ICD-10 Code	ICD-10 Code
subject.id subject.reference	Client Number	Client Number
encounter.id encounter.reference	Admission Unique Record ID	Admission Unique Record ID
onsetDateTime	Date of Diagnosis/Estimated Onset Date	Date of Diagnosis/Estimated Onset Date
abatementDateTime	Estimated Discharge Date (CSI)	Estimated Discharge Date (CSI)
asserter.id asserter.reference fi	Diagnosing Practitioner	Diagnosing Practitioner
evidence.detail.reference: "SUBSTANCE_ABUSE_DEPENDENCE" evidence.code.coding.code	Substance Abuse / Dependence (CSI)	Substance Abuse / Dependence (CSI)
evidence.detail.reference: "TRAUMA" evidence.code.coding.code	Trauma (CSI)	Trauma (CSI)
evidence.detail.reference: "SUBSTANCE_ABUSE_DEPENDENCE_DIAGNOSIS" evidence.code.coding.code	Substance Abuse / Dependence Diagnosis (CSI)	Substance Abuse / Dependence Diagnosis (CSI)

SEARCH RESPONSE FOR CONDITION - PREGNANCY

FHIR Element	Avatar Field	Description
id	Pregnancy Unique Record ID	Pregnancy Unique Record ID
subject.reference	Client Number	Client Number

encounter.id encounter.reference	Admission Unique Record ID	Admission Unique Record ID
onsetDateTime	Pregnancy Billing Start Date	Pregnancy Billing Start Date
abatementDateTime	Pregnancy Billing End Date	Pregnancy Billing End Date
recordedDate	Assessment Date	Assessment Date

EPISODEOFCARE

To retrieve a client’s Episode using their Client ID you would use the Get Search Episode by Patient Id endpoint. The next step would be to select the `_id` Key parameter and enter a value under the Value column before submitting the search to generate a response. If the data send 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 SEARCHES UNDER EPISODE

Query Parameter	R/O	Description	Format
Patient	O	Patient Identifier	Integer
_id	O	Episode Of Care Identifier	{PATID} {EpisodeID} e.g 160785 2

Example: https://hidex-train.sapc.ph.lacounty.gov/api/EpisodeOfCare/Search?_id=160785 | | 2&clientid={clientid}&clientsecret={clientsecret}

SEARCH RESPONSE

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

SEARCH RESPONSE SAMPLE 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"
      }
    ]
  }
],
"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 Get Search Financial Eligibility by Patient Id endpoint. The next step would be to select the `_id` Key parameter and enter a value under the Value column before submitting the search to generate a response. If the data send 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 SEARCHES UNDER COVERAGE (CLIENT FINANCIAL ELIGIBILITY)

1. Search Financial Eligibility by Patient and Encounter

Query Parameter	R/O	Description	Format
Patient	R	PatientID	Integer
Encounter	O	Encounter Identifier	{PATID} {EncounterID} e.g 160785 6648.51

Example: <https://hidex-train.sapc.ph.lacounty.gov/api/Coverage/Search?patient=160785&encounter=160785 | | 6648.51&clientid={clientid}&clientsecret={clientsecret}>

2. Search Financial Eligibility by Coverage ID

Query Parameter	R/O	Description	Format
-----------------	-----	-------------	--------

_id	R	Coverage Identifier	{PATID} {CoverageID} PATIENT e.g 121250 S2.001 PATIENT
-----	---	---------------------	---

Example: https://hidex-train.sapc.ph.lacounty.gov/api/Coverage/Search?_id=121250 | |S2.001 | |PATIENT&clientid={clientid}&clientsecret={clientsecret}

SEARCH RESPONSE

FHIR Element	Avatar 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
extension: coverage-guarantor valueHumanName.given	Subscriber's Name	Guarantor's First Name
extension: coverage-guarantor valueHumanName.given	Subscriber's Name	Guarantor's First Name

FHIR Element	Avatar Field	Description
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
period.start	Coverage Effective Date	Coverage Effective Date

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

API

Patient API

This api would validate and save patient resource to NetSmart. Providers must supply clientId and clientSecret in the url for authorization.

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/patient?clientId={clientId}&clientsecret={clientsecret}>

[Patient JSON Sample](#)

Encounter API

This api would validate and save an encounter resource to NetSmart. Providers must supply clientId and clientSecret in the url for authorization.

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/encounter?clientId={clientId}&clientsecret={clientsecret}>

[Encounter JSON Sample](#)

Condition API

This api would validate and save condition resource to NetSmart. Condition resource Json would be for Women's health history and Diagnosis workflow. Providers must supply clientId and clientSecret in the url for authorization.

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/condition?clientId={clientId}&clientsecret={clientsecret}>

[Women's Health History JSON Sample](#)

[Diagnosis JSON Sample](#)

Coverage API

This api would validate and save an coverage eligibility request information to NetSmart. Providers must supply clientId and clientSecret in the url for authorization.

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/coverage?clientId={clientId}&clientsecret={clientsecret}>

[Coverage JSON Sample](#)

Bundle API

Bundle API is a handy tool, to validate resource JSON and save to NetSmart system. The API can accept a bundle resource or individual resources like Patient, Condition, Encounter, Coverage, QuestionnaireResponse. API can be accessed through any API client, like Postman.

Providers must supply their own Client Id and Client Secret in the url to authorize the API call.

API URL: <https://hidex-train.sapc.ph.lacounty.gov/Api/Bundle?clientId={clientId}&clientsecret={clientsecret}>

[Bundle JSON Sample](#)

RESTful Dictionary API Endpoint

Dictionary API is a tool for providers, to look at dictionary/lookup values for various fields, used in API calls. These dictionary values are returned based on the key/name of the dictionary. The tool makes is super easy to look at all possible options for a give dictionary item and pick the one as value of the field, before sending to the API call. The endpoint is RESTful which means it can be called from any API client tool like Postman.

Here are the [list of dictionary IDs](#).

API URL: <https://hidex-train.sapc.ph.lacounty.gov/Api/Dictionary/{dictionary Id}>

e.g <https://hidex-train.sapc.ph.lacounty.gov/Api/Dictionary/ANC-EmploymentStatus>

[ANC-Gender JSON](#)

[ANC-EmploymentStatus JSON](#)

RESTful Validate API Endpoint

Validate API is a tool that takes a JSON input of resources and validates it. Before sending JSON payload to API, providers can use this tool to test and validate the JSON.

Below is the list of Resources that the tool supports:

- Patient
- Encounter
- Womens Health History
- Diagnosis
- Coverage
- Bundle

The endpoint uses POST method and requires JSON payload in the body, for it to validate.

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/Validation>

[Validate Patient JSON](#)

[Validate Encounter JSON](#)

[Validate Womens Health History JSON](#)

[Validate Diagnosis JSON](#)

[Validate Coverage JSON](#)

[Validate Bundle JSON](#)

RESTful Generate API Endpoint

Generate API is a tool for providers, which helps in generating sample JSON for various resources, that would be used for API calls. Please note that the sample JSON has empty values and only provides a structure to begin with. The endpoint is RESTful which means it can be called from any API client tool like Postman.

The tool supports below resources:

- Patient
- Encounter
- Women's Health History
- Diagnosis
- Coverage
- Bundle

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/generate/{Resource}>

e.g

Patient Resource: <https://hidex-train.sapc.ph.lacounty.gov/api/generate/Patient>

Bundle Resource: <https://hidex-train.sapc.ph.lacounty.gov/api/generate/bundle/message>

For Condition workflows:

API URL: <https://hidex-train.sapc.ph.lacounty.gov/api/generate/{workflow}>

e.g

Womens Health History: <https://hidex-train.sapc.ph.lacounty.gov/api/generate/womenshealthhistory>

Diagnosis: <https://hidex-train.sapc.ph.lacounty.gov/api/generate/diagnosis>

[Generate Patient JSON](#)

[Generate Encounter JSON](#)

[Generate Women's Health History JSON](#)

[Generate Diagnosis JSON](#)

[Generate Coverage JSON](#)

[Generate Bundle JSON](#)

API JSON Samples*

***The below samples are examples and are not intended to be used with an API client. Please validate the sample before using it in an API.**

Patient

INPUT

```
{
  "resourceType": "Patient",
  "id": "160785",
  "extension": [
    {
      "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity",
```

```

        "valueCodeableConcept": {
          "coding": [
            {
              "code": "4"
            }
          ]
        }
      },
      {
        "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-race",
        "valueCodeableConcept": {
          "coding": [
            {
              "code": "2"
            }
          ]
        }
      },
      {
        "url": "http://hl7.org/fhir/us/core/StructureDefinition/patient-
sexualOrientation",
        "valueCodeableConcept": {
          "coding": [
            {
              "code": "20430005"
            }
          ]
        }
      },
      {
        "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-
employmentStatus",
        "valueCodeableConcept": {
          "coding": [
            {
              "code": "2"
            }
          ]
        }
      },
      {
        "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-educationLevel",
        "valueCodeableConcept": {
          "coding": [
            {
              "code": "3"
            }
          ]
        }
      }
    ],
  ],

```

```

"telecom": [
  {
    "system": "phone",
    "value": "555-354-5555",
    "use": "home"
  },
  {
    "system": "email",
    "value": "test@test.com",
    "use": "mobile"
  }
],
"birthDate": "1988-08-25",
"communication": [
  {
    "language": {
      "coding": [
        {
          "system": "urn:ietf:bcp:47",
          "code": "7"
        }
      ]
    }
  }
]
}

```

OUTPUT

```

{
  "apiResponseMessages": [
    {
      "isSuccess": true,
      "status": "200 - OK",
      "resource": "Patient",
      "responseJson": null,
      "id": "160785"
    }
  ],
  "validationMessages": null
}

```

Encounter

INPUT

```

{
  "resourceType": "Encounter",
  "id": "160785||6648.51",
  "extension": [
    {

```

```

        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/encounter-
hospitalServiceReference",
        "valueReference": {
            "id": "LE11800"
        }
    },
    ],
    "class": {
        "system": "44",
        "code": "1"
    },
    "subject": {
        "id": "160785"
    },
    "participant": [
        {
            "individual": {
                "id": "002683"
            }
        }
    ],
    "period": {
        "start": "2023-01-11T13:48:00-07:00"
    }
}

```

OUTPUT

```

{
  "apiResponseMessages": [
    {
      "isSuccess": true,
      "status": "200 - OK",
      "resource": "Encounter",
      "responseJson": null,
      "id": "160785||6648.51"
    }
  ],
  "validationMessages": null
}

```

Condition – Women’s Health History

INPUT

```

{
  "resourceType": "Condition",
  "identifier": [
    {

```

```

        "value": "Womens Health History"
    }
  ],
  "code": {
    "coding": [
      {
        "display": "Pregnancy Status"
      }
    ]
  },
  "subject": {
    "id": "160785"
  },
  "encounter": {
    "id": "160785||6670.04"
  }
}

```

OUTPUT

```

{
  "apiResponseMessages": [
    {
      "isSuccess": true,
      "status": "201 - Created",
      "resource": "Condition",
      "responseJson": null,
      "id": "1||160785||PRG.02"
    }
  ],
  "validationMessages": null
}

```

Condition – Diagnosis

INPUT

```

{
  "resourceType": "Condition",
  "extension": [
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-  
diagnosisRole",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "A"
          }
        ]
      }
    }
  ],
}

```

```

    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisRank",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "1"
          }
        ]
      }
    },
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisBillOrder",
      "valueInteger": 1
    }
  ],
  "identifier": [
    {
      "value": "Diagnosis"
    }
  ],
  "clinicalStatus": {
    "coding": [
      {
        "code": "1"
      }
    ]
  },
  "code": {
    "coding": [
      {
        "system": "urn:oid:2.16.840.1.113883.6.90",
        "code": "A92.5"
      }
    ]
  },
  "subject": {
    "id": "160785"
  },
  "encounter": {
    "id": "160785||6648.51"
  },
  "onsetDateTime": "2023-08-18T05:48:42-07:00",
  "abatementDateTime": "2023-08-25T05:48:42-07:00",
  "asserter": {
    "id": "002683"
  }
}

```

OUTPUT

```
{
  "apiResponseMessages": [
    {
      "isSuccess": true,
      "status": "201 - Created",
      "resource": "Condition",
      "responseJson": null,
      "id": "91197||293928"
    }
  ],
  "validationMessages": null
}
```

Coverage

INPUT

```
{
  "resourceType": "Coverage",
  "extension": [
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-subscriber-
      name",
      "valueHumanName": {
        "family": "Mary",
        "given": [
          "Jane", "D"
        ]
      }
    },
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-birth-date",
      "valueString": "1988-08-25"
    },
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-gender",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "F"
          }
        ]
      }
    },
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-address",
      "valueAddress": {
```

```

        "line": [
            "1000 S. Fremont",
            "Suite 500"
        ],
        "city": "Alhambra",
        "district": "19",
        "state": "CA",
        "postalCode": "91803"
    }
},
{
    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-social-
security-number",
    "valueString": "123-12-1234"
},
{
    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
encounterReference",
    "valueReference": {
        "id": "160785||6648.51"
    }
},
{
    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-bill-order",
    "valueInteger": 1
}
],
"policyHolder": {
    "id": "160785"
},
"period": {
    "start": "2023-08-23",
    "end": "2023-09-07"
},
"network": "2"
}

```

OUTPUT

```

{
    "apiResponseMessages": [
        {
            "isSuccess": true,
            "status": "201 - Created",
            "resource": "Coverage",
            "responseJson": null,
            "id": "160785||S2.001||PATIENT"
        }
    ]
}

```

```

    ],
    "validationMessages": null
  }

```

Bundle

INPUT

```

{
  "resourceType": "Bundle",
  "type": "message",
  "timestamp": "2023-06-29T15:06:14.8091474-07:00",
  "entry": [
    {
      "resource": {
        "resourceType": "Patient",
        "id": "",
        "extension": [
          {
            "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-
core-ethnicity",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": ""
                }
              ]
            },
          },
          {
            "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-
core-race",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": ""
                }
              ]
            },
          },
          {
            "url":
"http://hl7.org/fhir/us/core/StructureDefinition/patient-sexualOrientation",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": ""
                }
              ]
            },
          },
        ]
      }
    }
  ]
}

```

```

    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-
employmentStatus",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    },
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-educationLevel",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    }
  ],
  "gender": "male",
  "identifier": [
    {
      "type": {
        "coding": [
          {
            "system":
"urn:oid:http://terminology.hl7.org/CodeSystem/v2-0203",
            "code": "SS"
          }
        ]
      },
      "system": "http://hl7.org/fhir/sid/us-ssn",
      "value": ""
    }
  ],
  "name": [
    {
      "family": "",
      "given": [
        "",
        ""
      ]
    }
  ],
  "telecom": [
    {
      "system": "phone",
      "value": "",

```

```

        "use": "home"
      },
      {
        "system": "email",
        "value": "",
        "use": "mobile"
      }
    ],
    "birthDate": "",
    "address": [
      {
        "line": [
          "",
          ""
        ],
        "city": "",
        "state": "",
        "postalCode": ""
      }
    ],
    "maritalStatus": {
      "coding": [
        {
          "system": "http://hl7.org/fhir/ValueSet/marital-
status",
          "code": ""
        }
      ]
    },
    "communication": [
      {
        "language": {
          "coding": [
            {
              "system": "urn:ietf:bcp:47",
              "code": ""
            }
          ]
        }
      }
    ]
  },
  "request": {
    "method": "POST",
    "url": ""
  }
},
{
  "resource": {
    "resourceType": "Encounter",
    "id": "",
    "extension": [
      {

```

```

        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/encounter-
hospitalServiceReference",
        "valueReference": {
            "id": ""
        }
    },
    ],
    "status": "arrived",
    "class": {
        "system": "44",
        "code": "1"
    },
    "subject": {
        "id": ""
    },
    "participant": [
        {
            "individual": {
                "id": ""
            }
        }
    ],
    "period": {
        "start": ""
    }
},
"request": {
    "method": "POST",
    "url": ""
}
},
{
    "resource": {
        "resourceType": "Condition",
        "id": "",
        "extension": [
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisRole",
                "valueCodeableConcept": {
                    "coding": [
                        {
                            "code": ""
                        }
                    ]
                }
            },
            {
                "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisRank",

```

```

        "valueCodeableConcept": {
          "coding": [
            {
              "code": ""
            }
          ]
        },
        {
          "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisBillOrder"
        }
      ],
      "identifier": [
        {
          "value": ""
        }
      ],
      "code": {
        "coding": [
          {
            "system": "urn:oid:2.16.840.1.113883.6.90",
            "code": ""
          }
        ]
      },
      "subject": {
        "id": ""
      },
      "encounter": {
        "id": ""
      },
      "onsetDateTime": "",
      "abatementDateTime": "",
      "asserter": {
        "id": ""
      }
    },
    "request": {
      "method": "POST",
      "url": ""
    }
  },
  {
    "resource": {
      "resourceType": "Condition",
      "id": "",
      "identifier": [
        {
          "value": ""
        }
      ]
    },
  ],

```

```

        "code": {
          "coding": [
            {
              "system": "2.16.840.1.113883.6.1",
              "code": "",
              "display": "Pregnancy Status"
            }
          ]
        },
        "subject": {
          "id": ""
        },
        "encounter": {
          "id": ""
        },
        "onsetDateTime": "",
        "abatementDateTime": "",
        "recordedDate": ""
      },
      "request": {
        "method": "POST",
        "url": ""
      }
    },
    {
      "resource": {
        "resourceType": "Coverage",
        "id": "",
        "extension": [
          {
            "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/coverage-birth-date",
            "valueString": ""
          },
          {
            "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/coverage-gender",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": ""
                }
              ]
            }
          },
          {
            "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/coverage-address",
            "valueAddress": {
              "line": [
                "",
                ""
              ],
            }
          }
        ]
      }
    }
  ]
}

```

```

        "city": "",
        "state": "",
        "postalCode": ""
    },
    {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-social-
security-number",
        "valueString": ""
    },
    {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
encounterReference",
        "valueReference": {
            "id": ""
        }
    }
],
"policyHolder": {
    "id": ""
},
"period": {
    "start": "",
    "end": ""
},
"network": ""
},
"request": {
    "method": "POST",
    "url": ""
}
},
{
    "resource": {
        "resourceType": "QuestionnaireResponse",
        "id": "",
        "meta": {
            "tag": [
                {
                    "code": "Cal_OMS_Admission",
                    "display": "Cal-OMS Admission"
                }
            ]
        },
        "subject": {
            "id": ""
        },
        "encounter": {
            "id": ""
        },
        "authored": "2023-07-07T15:46:30-07:00",
    }
}

```

```

"item": [
  {
    "linkId": "3",
    "text": "Type of Form",
    "answer": [
      {
        "valueCoding": {
          "system": "70515",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "1",
    "text": "EpisodeID",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "5",
    "text": "Current First Name",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "6",
    "text": "Current Last Name",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "7",
    "text": "Social Security Number",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "8",
    "text": "Zip Code At Current Residence",
    "answer": [

```

```

        {
            "valueString": ""
        }
    ],
},
{
    "linkId": "9",
    "text": "Birth First Name",
    "answer": [
        {
            "valueString": ""
        }
    ]
},
{
    "linkId": "10",
    "text": "Birth Last Name",
    "answer": [
        {
            "valueString": ""
        }
    ]
},
{
    "linkId": "11",
    "text": "Place of Birth - County",
    "answer": [
        {
            "valueCoding": {
                "system": "70504",
                "code": ""
            }
        }
    ]
},
{
    "linkId": "12",
    "text": "Place of Birth - State",
    "answer": [
        {
            "valueCoding": {
                "system": "70505",
                "code": ""
            }
        }
    ]
},
{
    "linkId": "13",
    "text": "Driver's License Number",
    "answer": [
        {
            "valueString": ""
        }
    ]
}

```

```

    ]
  },
  {
    "linkId": "14",
    "text": "Driver's License State",
    "answer": [
      {
        "valueCoding": {
          "system": "70507",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "15",
    "text": "Mother's First Name",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "22",
    "text": "Veteran",
    "answer": [
      {
        "valueCoding": {
          "system": "70517",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "23",
    "text": "Disability",
    "answer": [
      {
        "valueCoding": {
          "system": "70518",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "24",
    "text": "Consent",
    "answer": [
      {

```

```

        "valueCoding": {
          "system": "70519",
          "code": ""
        }
      ]
    },
    {
      "linkId": "28",
      "text": "Days Waited to Enter Treatment",
      "answer": [
        {
          "valueString": ""
        }
      ]
    },
    {
      "linkId": "29",
      "text": "Number of Prior Episodes",
      "answer": [
        {
          "valueString": ""
        }
      ]
    },
    {
      "linkId": "27",
      "text": "Source of Referral",
      "answer": [
        {
          "valueCoding": {
            "system": "70522",
            "code": ""
          }
        }
      ]
    },
    {
      "linkId": "84",
      "text": "Admission Date",
      "answer": [
        {
          "valueString": ""
        }
      ]
    },
    {
      "linkId": "85",
      "text": "Location of Admission",
      "answer": [
        {
          "valueString": ""
        }
      ]
    }
  ]
}

```

```

    ],
    {
      "linkId": "86",
      "text": "Level Of Care Admitted",
      "answer": [
        {
          "valueString": ""
        }
      ]
    }
  ],
  },
  "request": {
    "method": "POST",
    "url": ""
  }
},
{
  "resource": {
    "resourceType": "QuestionnaireResponse",
    "id": "",
    "meta": {
      "tag": [
        {
          "code": "Cal_OMS_Discharge",
          "display": "Cal-OMS Discharge"
        }
      ]
    },
    "subject": {
      "id": ""
    },
    "encounter": {
      "id": ""
    },
    "authored": "2023-07-07T15:46:30-07:00",
    "item": [
      {
        "linkId": "4",
        "text": "Type of Form",
        "answer": [
          {
            "valueCoding": {
              "system": "70701",
              "code": ""
            }
          }
        ]
      }
    ],
    {
      "linkId": "1",
      "text": "EpisodeID",

```

```

        "answer": [
            {
                "valueString": ""
            }
        ]
    },
    {
        "linkId": "5",
        "text": "Discharge Date",
        "answer": [
            {
                "valueString": ""
            }
        ]
    }
]
},
"request": {
    "method": "POST",
    "url": ""
}
}
]
}

```

OUTPUT

```

{
    "apiResponseMessages": [
        {
            "isSuccess": true,
            "status": "200 - OK",
            "resource": "Patient",
            "responseJson": null,
            "id": "160890"
        },
        {
            "isSuccess": true,
            "status": "201 - Created",
            "resource": "Condition",
            "responseJson": null,
            "id": "160890||123456"
        },
        {
            "isSuccess": true,
            "status": "201 - Created",
            "resource": "Coverage",
            "responseJson": null,
            "id": "160890||S2.005||PATIENT"
        }
    ],
    "validationMessages": [

```

```

    "Subject is required (Encounter Resource)"
  ]
}

```

Dictionary API

OUTPUT

ANC-GENDER

```

[
  {
    "Id": "OTH",
    "Description": "Additional gender category or other, please specify - OTH"
  },
  {
    "Id": "ASKU",
    "Description": "Chose not to disclose - ASKU"
  },
  {
    "Id": "446141000124107",
    "Description": "Female - 446141000124107"
  },
  {
    "Id": "407377005",
    "Description": "Female-to-Male (FTM)/Transgender Male/Trans Man -
407377005"
  },
  {
    "Id": "446131000124102",
    "Description": "Genderqueer, neither exclusively male nor female -
446131000124102"
  },
  {
    "Id": "446151000124109",
    "Description": "Male - 446151000124109"
  },
  {
    "Id": "407376001",
    "Description": "Male-to-Female (MTF)/Transgender Female/Trans Woman -
407376001"
  }
]

```

ANC-EMPLOYMENTSTATUS

```

[
  {

```

```

    "Id " : "1",
    "Description " : "Full Time(32 + Hours A Week Not Including Armed Forces) -
1"
  },
  {
    "Id": "4",
    "Description": "In The Armed Forces - 4 "
  },
  {
    "Id " : "7",
    "Description " : "Not In Labor Force - Homemaker - 7"
  },
  {
    "Id " : "13",
    "Description " : "Not In Labor Force - Other Not Seeking Employment In Past
30 Days - 13"
  },
  {
    "Id " : "10",
    "Description " : "Not In Labor Force - Resident / Inmate Of Institution - 10
"
  },
  {
    "Id " : "9",
    "Description": "Not In Labor Force - Retired - 9"
  },
  {
    "Id " : "8 ",
    "Description " : "Not In Labor Force - Student - 8"
  },
  {
    "Id " : "11",
    "Description " : "Not In Labor Force - Unable To Work Due To Mh,
Developmental Disability, Or A & D - 11"
  },
  {
    "Id " : "12",
    "Description " : "Not In Labor Force - Unable To Work Due To Other Disorder
Or Disability - 12"
  },
  {
    "Id " : "3",
    "Description " : "Part Time(1 - 15 Hours A Week Not Including Armed Forces)
- 3"
  },
  {
    "Id " : "2",
    "Description " : "Part Time(16 - 32 Hours A Week Not Including Armed Forces)
- 2 "
  },
  {
    "Id " : "6",
    "Description " : "Unemployed - On Layoff From Job - 6"
  }

```

```

    },
    {
      "Id ": "5",
      "Description ": "Unemployed - Seeking Employment - 5"
    },
    {
      "Id ": "99 ",
      "Description ": "Unknown - 99"
    }
  ]

```

Validate API

PATIENT INPUT

```

{
  "resourceType": "Patient",
  "id": "121250",
  "extension": [
    {
      "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "4"
          }
        ]
      }
    },
    {
      "url": "https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-employmentStatus",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "2"
          }
        ]
      }
    },
    {
      "url": "https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-educationLevel",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "3"
          }
        ]
      }
    }
  ]
}

```

```

    }
  ],
  "identifier": [
    {
      "type": {
        "coding": [
          {
            "system":
"urn:oid:http://terminology.hl7.org/CodeSystem/v2-0203",
            "code": "SS"
          }
        ]
      },
      "system": "http://hl7.org/fhir/sid/us-ssn",
      "value": "453-23-4567"
    }
  ],
  "name": [
    {
      "family": "Doe",
      "given": [
        "John",
        "Rob"
      ]
    }
  ],
  "telecom": [
    {
      "system": "phone",
      "value": "123-456-7890",
      "use": "home"
    },
    {
      "system": "email",
      "value": "JohnBobDoe@test.com",
      "use": "mobile"
    }
  ],
  "gender": "male",
  "birthDate": "1988-01-01",
  "address": [
    {
      "use": "home",
      "line": [
        "123 Main Street",
        "Apt 220"
      ],
      "city": "Los Angeles",
      "district": "19",
      "state": "CA",
      "postalCode": "90025"
    }
  ]
}

```

```

],
"maritalStatus": {
  "coding": [
    {
      "system": "http://hl7.org/fhir/ValueSet/marital-status",
      "code": "2"
    }
  ]
},
"communication": [
  {
    "language": {
      "coding": [
        {
          "system": "urn:ietf:bcp:47",
          "code": "777"
        }
      ]
    }
  }
]
}

```

PATIENT OUTPUT

```

[
  "Language is invalid (Patient Resource)"
]

```

ENCOUNTER INPUT

```

{
  "resourceType": "Encounter",
  "id": "160785||6648.51",
  "extension": [
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/encounter-hospitalServiceReference",
      "valueReference": {
        "id": "LE11800"
      }
    }
  ],
  "class": {
    "system": "44",
    "code": "1"
  },
  "subject": {
    "id": "160785"
  }
},

```

```

    "participant": [
      {
        "individual": {
          "id": "002683"
        }
      }
    ],
    "period": {
      "start": "2023-01-11"
    }
  }

```

ENCOUNTER OUTPUT

```

[
  "Period - Date is invalid (Encounter Resource)"
]

```

CONDITION – WOMEN'S HEALTH HISTORY INPUT

```

{
  "resourceType": "Condition",
  "id": "1||160785||PRG.001",
  "identifier": [
    {
      "value": "Womens Health History"
    }
  ],
  "code": {
    "coding": [
      {
        "display": "Pregnancy Status"
      }
    ]
  },
  "subject": {
    "id": "160785"
  },
  "encounter": {
    "id": "160785||6648.51"
  },
  "onsetDateTime": "2022-10-11",
  "abatementDateTime": "2023-07-11"
}

```

CONDITION - WOMENS HEALTH HISTORY OUTPUT

```

[
  "Date of Assessment is required (Condition Resource)"
]

```

CONDITION - DIAGOSIS INPUT

```
{
  "resourceType": "Condition",
  "id": "90832||293439",
  "meta": {
    "lastUpdated": "2023-06-27T19:23:00.000-07:00"
  },
  "identifier": [
    {
      "value": "Diagnosis"
    }
  ],
  "extension": [
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-status-code",
      "valueCode": "4"
    },
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
      diagnosisRole",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "A",
            "display": "Admission"
          }
        ]
      }
    },
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
      diagnosisRank",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": "1",
            "display": "Primary"
          }
        ]
      }
    },
    {
      "url":
      "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
      diagnosisBillOrder",
      "valueInteger": 1
    }
  ]
}
```

```

    ],
    "category": [
      {
        "coding": [
          {
            "system": "http://terminology.hl7.org/CodeSystem/condition-
category",
            "code": "encounter-diagnosis"
          }
        ]
      }
    ],
    "code": {
      "coding": [
        {
          "system": "urn:oid:2.16.840.1.113883.6.90",
          "code": "A92.5",
          "display": "Zika virus disease"
        }
      ]
    },
    "subject": {
      "id": "160786"
    },
    "encounter": {
      "id": "160785||6648.51"
    },
    "onsetDateTime": "2023-06-20T00:00:00",
    "abatementDateTime": "2023-06-26T22:02:39-07:00",
    "asserter": {
      "id": "000001"
    }
  }
}

```

CONDITION - DIAGNOSIS OUTPUT

```

[
  "OnSet date is invalid (Condition Resource)"
]

```

COVERAGE INPUT

```

{
  "resourceType": "Coverage",
  "extension": [
    {
      "url":
https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-birth-date,

```

```

        "valueString": "1988-08-25"
      },
      {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-gender",
        "valueCodeableConcept": {
          "coding": [
            {
              "code": "Male"
            }
          ]
        }
      },
      {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-address",
        "valueAddress": {
          "line": [
            "1000 S. Fremont",
            "Suite 500"
          ],
          "city": "Alhambra",
          "state": "CALI",
          "postalCode": "91803"
        }
      },
      {
        "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": {
          "id": "160785||6648.51"
        }
      }
    ],
    "policyHolder": {
      "id": "",
    },
    "period": {
      "start": "2023-06-13",
      "end": "2023-06-28"
    },
    "network": "2"
  }
}

```

COVERAGE OUTPUT

```
[
  "Subscriber Sex is invalid (Coverage Resource)",
  "Subscriber Address - State can not exceed 2 characters (Coverage Resource)",
  "Policy Holder Id is invalid (Coverage Resource)"
]
```

BUNDLE INPUT

```
{
  "resourceType": "Bundle",
  "id": "545ba737-b682-42be-a1f1-839434894e5e",
  "meta": {
    "lastUpdated": "2023-06-13T23:36:55.473-07:00"
  },
  "type": "searchset",
  "total": 3,
  "link": [
    {
      "relation": "self",
      "url":
"https://fhirtest.netsmartcloud.com/v4/Condition?patient=160785&start=1800-01-01&category=encounter-diagnosis&page=1"
    }
  ],
  "entry": [
    {
      "fullUrl": "https://fhirtest.netsmartcloud.com/v4/Patient",
      "resource": {
        "resourceType": "Patient",
        "id": "121250",
        "extension": [
          {
            "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-
core-ethnicity",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": "4"
                }
              ]
            }
          },
          {
            "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-
core-race",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": "7"
                }
              ]
            }
          }
        ]
      }
    }
  ]
}
```

```

        "url":
"http://hl7.org/fhir/us/core/StructureDefinition/patient-genderIdentity",
        "valueCodeableConcept": {
            "coding": [
                {
                    "code": "446151000124109"
                }
            ]
        }
    },
    {
        "url":
"http://hl7.org/fhir/us/core/StructureDefinition/patient-sexualOrientation",
        "valueCodeableConcept": {
            "coding": [
                {
                    "code": "20430005"
                }
            ]
        }
    },
    {
        "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-
employmentStatus",
        "valueCodeableConcept": {
            "coding": [
                {
                    "code": "6"
                }
            ]
        }
    },
    {
        "url":
"https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-educationLevel",
        "valueCodeableConcept": {
            "coding": [
                {
                    "code": "3"
                }
            ]
        }
    },
    {
        "url":
"http://hl7.org/fhir/us/core/StructureDefinition/patient-housingSituation",
        "valueCodeableConcept": {
            "coding": [
                {
                    "code": "12"
                }
            ]
        }
    }
]

```

```

    }
  ],
  "telecom": [
    {
      "system": "phone",
      "value": "123-456-7890",
      "use": "home"
    },
    {
      "system": "email",
      "value": "email@test.com",
      "use": "mobile"
    }
  ],
  "birthDate": "1988-08-25",
  "communication": [
    {
      "language": {
        "coding": [
          {
            "system": "urn:ietf:bcp:47",
            "code": "7"
          }
        ]
      }
    }
  ]
},
{
  "fullUrl": "https://fhirtest.netsmartcloud.com/v4/Encounter",
  "resource": {
    "resourceType": "Encounter",
    "extension": [
      {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/encounter-
hospitalServiceReference",
        "valueReference": {
          "id": "LE5100"
        }
      }
    ]
  },
  "status": "arrived",
  "class": {
    "system": "44",
    "code": "1"
  },
  "3864": {
    "id": "121250"
  },
  "participant": [

```

```

        {
          "individual": {
            "id": "002683"
          }
        },
        "period": {
          "start": "2023-06-15T16:08:00"
        }
      },
    },
    {
      "fullUrl": "https://fhirtest.netsmartcloud.com/v4/Coverage",
      "resource": {
        "resourceType": "Coverage",
        "extension": [
          {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-birth-date",
            "valueString": "1988-08-25"
          },
          {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-gender",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": "M"
                }
              ]
            }
          },
          {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-relationship-
code",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": "1"
                }
              ]
            }
          },
          {
            "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-address",
            "valueAddress": {
              "line": [
                "1000 S. Fremont"
              ],
              "city": "Alhambra",
              "state": "CA",

```

```

        "postalCode": "91803"
      },
      {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-guarantor",
        "valueHumanName": {
          "text": "John Doe",
          "family": "Doe",
          "given": [
            "John"
          ]
        }
      },
      {
        "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": {
          "id": "6664.01"
        }
      }
    ],
    "policyHolder": {
      "id": "121250"
    },
    "subscriberId": "123456",
    "period": {
      "start": "2023-05-01",
      "end": "2023-06-15"
    },
    "network": "2"
  }
}
]
}

```

BUNDLE OUTPUT

```

[
  "Gender is required (Patient Resource)",
  "Date is invalid (Encounter Resource)",
  "Admission Unique Record Id / Encounter Id is invalid (Coverage Resource)"
]

```

Generate API

GENERATE API – PATIENT

```
{
  "resourceType": "Patient",
  "id": "",
  "extension": [
    {
      "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-core-ethnicity",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    },
    {
      "url": "https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-employmentStatus",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    },
    {
      "url": "https://fhirtest.netSMARTcloud.com/v4/StructureDefinition/patient-educationLevel",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    }
  ],
  "identifier": [
    {
      "type": {
        "coding": [
          {

```

```

        "system":
"urn:oid:http://terminology.hl7.org/CodeSystem/v2-0203",
        "code": "SS"
    }
  ],
  "system": "http://hl7.org/fhir/sid/us-ssn",
  "value": ""
}
],
"name": [
  {
    "family": "",
    "given": [
      "",
      ""
    ]
  }
],
"telecom": [
  {
    "system": "phone",
    "value": "",
    "use": "home"
  },
  {
    "system": "email",
    "value": "",
    "use": "mobile"
  }
],
"gender": "male",
"birthDate": "",
"address": [
  {
    "use": "home",
    "line": [
      "",
      ""
    ],
    "city": "",
    "district": "",
    "state": "",
    "postalCode": ""
  }
],
"maritalStatus": {
  "coding": [
    {
      "system": "http://hl7.org/fhir/ValueSet/marital-status",
      "code": ""
    }
  ]
}
]

```

```

    },
    "communication": [
      {
        "language": {
          "coding": [
            {
              "system": "urn:ietf:bcp:47",
              "code": ""
            }
          ]
        }
      }
    ]
  }
}

```

GENERATE API – ENCOUNTER

```

{
  "resourceType": "Encounter",
  "id": "",
  "extension": [
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/encounter-hospitalServiceReference",
      "valueReference": {
        "id": ""
      }
    }
  ],
  "status": "arrived",
  "class": {
    "system": "44",
    "code": "1"
  },
  "subject": {
    "id": ""
  },
  "participant": [
    {
      "individual": {
        "id": ""
      }
    }
  ],
  "period": {
    "start": ""
  }
}

```

GENERATE API – CONDITION - WOMENS HEALTH HISTORY

```
{
  "resourceType": "Condition",
  "id": "",
  "identifier": [
    {
      "value": "Womens Health History"
    }
  ],
  "code": {
    "coding": [
      {
        "display": "Pregnancy Status"
      }
    ]
  },
  "subject": {
    "id": ""
  },
  "encounter": {
    "id": ""
  },
  "onsetDateTime": "",
  "abatementDateTime": "",
  "recordedDate": ""
}
```

GENERATE API – CONDITION - DIAGNOSIS

```
{
  "resourceType": "Condition",
  "id": "",
  "extension": [
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-diagnosisRole",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    },
    {
      "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-diagnosisRank",
      "valueCodeableConcept": {
        "coding": [
          {
            "code": ""
          }
        ]
      }
    }
  ]
}
```

```

    }
  ]
},
{
  "url":
  "https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
  diagnosisBillOrder",
  "valueInteger": 1
}
],
"identifier": [
  {
    "value": "Diagnosis"
  }
],
"clinicalStatus": {
  "coding": [
    {
      "code": "4"
    }
  ]
},
"code": {
  "coding": [
    {
      "system": "urn:oid:2.16.840.1.113883.6.90",
      "code": ""
    }
  ]
},
"subject": {
  "id": ""
},
"encounter": {
  "id": ""
},
"onsetDateTime": "",
"abatementDateTime": "",
"asserter": {
  "id": ""
}
}
}

```

GENERATE API – COVERAGE

```

{
  "resourceType": "Coverage",
  "id": "",
  "extension": [
    {

```

```

        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-birth-date",
        "valueString": ""
    },
    {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-gender",
        "valueCodeableConcept": {
            "coding": [
                {
                    "code": ""
                }
            ]
        }
    },
    {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-address",
        "valueAddress": {
            "line": [
                "",
                ""
            ],
            "city": "",
            "district": "",
            "state": "",
            "postalCode": ""
        }
    },
    {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-social-
security-number",
        "valueString": ""
    },
    {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
encounterReference",
        "valueReference": {
            "id": ""
        }
    }
],
"policyHolder": {
    "id": ""
},
"period": {
    "start": "",
    "end": ""
},
"network": ""
}

```

GENERATE API – BUNDLE

```
{
  "resourceType": "Bundle",
  "type": "message",
  "timestamp": "2023-08-16T20:02:05.8926651-07:00",
  "entry": [
    {
      "resource": {
        "resourceType": "Patient",
        "id": "",
        "extension": [
          {
            "url": "http://hl7.org/fhir/us/core/StructureDefinition/us-
core-ethnicity",
            "valueCodeableConcept": {
              "coding": [
                {
                  "code": ""
                }
              ]
            },
            {
              "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-
employmentStatus",
              "valueCodeableConcept": {
                "coding": [
                  {
                    "code": ""
                  }
                ]
              }
            },
            {
              "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/patient-educationLevel",
              "valueCodeableConcept": {
                "coding": [
                  {
                    "code": ""
                  }
                ]
              }
            }
          ],
          "identifier": [
            {
              "type": {
                "coding": [
```

```

        {
            "system":
"urn:oid:http://terminology.hl7.org/CodeSystem/v2-0203",
            "code": "SS"
        }
    ],
    "system": "http://hl7.org/fhir/sid/us-ssn",
    "value": ""
},
]
},
"name": [
    {
        "family": "",
        "given": [
            "",
            ""
        ]
    }
],
"telecom": [
    {
        "system": "phone",
        "value": "",
        "use": "home"
    },
    {
        "system": "email",
        "value": "",
        "use": "mobile"
    }
],
"gender": "unknown",
"birthDate": "",
"address": [
    {
        "use": "home",
        "line": [
            "",
            ""
        ],
        "city": "",
        "district": "",
        "state": "",
        "postalCode": ""
    }
],
"maritalStatus": {
    "coding": [
        {
            "system": "http://hl7.org/fhir/ValueSet/marital-
status",
            "code": ""
        }
    ]
}

```

```

    ]
  },
  "communication": [
    {
      "language": {
        "coding": [
          {
            "system": "urn:ietf:bcp:47",
            "code": ""
          }
        ]
      }
    }
  ]
},
"request": {
  "method": "POST",
  "url": ""
}
},
{
  "resource": {
    "resourceType": "Encounter",
    "id": "",
    "extension": [
      {
        "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/encounter-
hospitalServiceReference",
        "valueReference": {
          "id": ""
        }
      }
    ],
    "status": "arrived",
    "class": {
      "system": "44",
      "code": "1"
    },
    "subject": {
      "id": "",
    },
    "participant": [
      {
        "individual": {
          "id": ""
        }
      }
    ],
    "period": {
      "start": ""
    }
  }
}

```

```

    },
    "request": {
      "method": "POST",
      "url": ""
    }
  },
  {
    "resource": {
      "resourceType": "Condition",
      "id": "",
      "extension": [
        {
          "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisRole",
          "valueCodeableConcept": {
            "coding": [
              {
                "code": ""
              }
            ]
          }
        },
        {
          "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisRank",
          "valueCodeableConcept": {
            "coding": [
              {
                "code": ""
              }
            ]
          }
        },
        {
          "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/condition-
diagnosisBillOrder",
          "valueInteger": 1
        }
      ],
      "identifier": [
        {
          "value": "Diagnosis"
        }
      ],
      "clinicalStatus": {
        "coding": [
          {
            "code": "4"
          }
        ]
      }
    }
  ]

```

```

    },
    "code": {
      "coding": [
        {
          "system": "urn:oid:2.16.840.1.113883.6.90",
          "code": ""
        }
      ]
    },
    "subject": {
      "id": "",
    },
    "encounter": {
      "id": "",
    },
    "onsetDateTime": "",
    "abatementDateTime": "",
    "asserter": {
      "id": ""
    }
  },
  "request": {
    "method": "POST",
    "url": ""
  }
},
{
  "resource": {
    "resourceType": "Condition",
    "id": "",
    "identifier": [
      {
        "value": "Womens Health History"
      }
    ],
    "code": {
      "coding": [
        {
          "display": "Pregnancy Status"
        }
      ]
    },
    "subject": {
      "id": ""
    },
    "encounter": {
      "id": ""
    },
    "onsetDateTime": "",
    "abatementDateTime": "",
    "recordedDate": ""
  },
  "request": {

```

```

        "method": "POST",
        "url": ""
    },
    {
        "resource": {
            "resourceType": "Coverage",
            "id": "",
            "extension": [
                {
                    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-birth-date",
                    "valueString": ""
                },
                {
                    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-gender",
                    "valueCodeableConcept": {
                        "coding": [
                            {
                                "code": ""
                            }
                        ]
                    }
                },
                {
                    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-address",
                    "valueAddress": {
                        "line": [
                            "",
                            ""
                        ],
                        "city": "",
                        "state": "",
                        "postalCode": ""
                    }
                },
                {
                    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-social-
security-number",
                    "valueString": ""
                },
                {
                    "url":
"https://fhirtest.netsmartcloud.com/v4/StructureDefinition/coverage-
encounterReference",
                    "valueReference": {
                        "id": ""
                    }
                }
            ]
        }
    },
],

```

```

        "policyHolder": {
            "id": ""
        },
        "period": {
            "start": "",
            "end": ""
        },
        "network": ""
    },
    "request": {
        "method": "POST",
        "url": ""
    }
},
{
    "resource": {
        "resourceType": "QuestionnaireResponse",
        "id": "",
        "meta": {
            "tag": [
                {
                    "code": "Cal_OMS_Admission",
                    "display": "Cal-OMS Admission"
                }
            ]
        },
        "subject": {
            "id": ""
        },
        "encounter": {
            "id": ""
        },
        "authored": "2023-08-16T20:02:05-07:00",
        "item": [
            {
                "linkId": "3",
                "text": "Type of Form",
                "answer": [
                    {
                        "valueCoding": {
                            "system": "70515",
                            "code": ""
                        }
                    }
                ]
            },
            {
                "linkId": "1",
                "text": "EpisodeID",
                "answer": [
                    {
                        "valueString": ""
                    }
                ]
            }
        ]
    }
}

```

```
]
},
{
  "linkId": "5",
  "text": "Current First Name",
  "answer": [
    {
      "valueString": ""
    }
  ]
},
{
  "linkId": "6",
  "text": "Current Last Name",
  "answer": [
    {
      "valueString": ""
    }
  ]
},
{
  "linkId": "7",
  "text": "Social Security Number",
  "answer": [
    {
      "valueString": ""
    }
  ]
},
{
  "linkId": "8",
  "text": "Zip Code At Current Residence",
  "answer": [
    {
      "valueString": ""
    }
  ]
},
{
  "linkId": "9",
  "text": "Birth First Name",
  "answer": [
    {
      "valueString": ""
    }
  ]
},
{
  "linkId": "10",
  "text": "Birth Last Name",
  "answer": [
    {
      "valueString": ""
    }
  ]
}
```

```

    }
  ],
  {
    "linkId": "11",
    "text": "Place of Birth - County",
    "answer": [
      {
        "valueCoding": {
          "system": "70504",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "12",
    "text": "Place of Birth - State",
    "answer": [
      {
        "valueCoding": {
          "system": "70505",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "13",
    "text": "Driver's License Number",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "14",
    "text": "Driver's License State",
    "answer": [
      {
        "valueCoding": {
          "system": "70507",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "15",
    "text": "Mother's First Name",
    "answer": [
      {

```

```
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "22",
    "text": "Veteran",
    "answer": [
      {
        "valueCoding": {
          "system": "70517",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "23",
    "text": "Disability",
    "answer": [
      {
        "valueCoding": {
          "system": "70518",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "24",
    "text": "Consent",
    "answer": [
      {
        "valueCoding": {
          "system": "70519",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "28",
    "text": "Days Waited to Enter Treatment",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "29",
    "text": "Number of Prior Episodes",
    "answer": [
```

```

        {
            "valueString": ""
        }
    ]
},
{
    "linkId": "27",
    "text": "Source of Referral",
    "answer": [
        {
            "valueCoding": {
                "system": "70522",
                "code": ""
            }
        }
    ]
},
{
    "linkId": "84",
    "text": "Admission Date",
    "answer": [
        {
            "valueString": ""
        }
    ]
},
{
    "linkId": "85",
    "text": "Location of Admission",
    "answer": [
        {
            "valueString": ""
        }
    ]
},
{
    "linkId": "86",
    "text": "Level Of Care Admitted",
    "answer": [
        {
            "valueString": ""
        }
    ]
}
    ]
},
    "request": {
        "method": "POST",
        "url": ""
    }
},
{
    "resource": {

```

```

"resourceType": "QuestionnaireResponse",
"id": "",
"meta": {
  "tag": [
    {
      "code": "Cal_OMS_Discharge",
      "display": "Cal-OMS Discharge"
    }
  ]
},
"subject": {
  "id": "",
},
"encounter": {
  "id": "",
},
"authored": "2023-08-16T20:02:06-07:00",
"item": [
  {
    "linkId": "4",
    "text": "Type of Form",
    "answer": [
      {
        "valueCoding": {
          "system": "70701",
          "code": ""
        }
      }
    ]
  },
  {
    "linkId": "1",
    "text": "EpisodeID",
    "answer": [
      {
        "valueString": ""
      }
    ]
  },
  {
    "linkId": "5",
    "text": "Discharge Date",
    "answer": [
      {
        "valueString": ""
      }
    ]
  }
]
},
"request": {
  "method": "POST",
  "url": ""
}

```

}
] }
}

