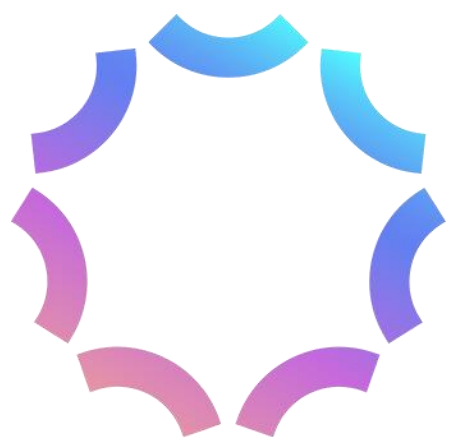




Beneficiary Discovery Insurance Integration Guide

9 November 2022

Version 1.0



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1 DOCUMENT INFORMATION

Document History

Revision Number	Date	Revision Description
1.0	9 th November 2022	Document Created



2 PURPOSE:

A CHI mandate introduced in January 2020 prohibited Healthcare Providers (HCPs) from requesting health insurance policy details or those of the Health Insurance Company that has issued the policy.

Instead, HCPs were instructed to only use identifiers (Saudi national id number (NIN), Iqama number, Passport Number, Border Number or Visa Number) to determine the insurer and insurer information using a service on CHI website to find the insurer and policy details.

This document describes the process to retrieve such details.



3 USE CASE:

As an HCP is directly integrated with nphies, the HCP processor (Eligibility, Authorization, Claim) can inquire patient's insurance details by submitting patient's ID number (National ID or Iqama) from HCP's HIS.

As a result, details of active policies of the patient will be provided to HCP processor; to proceed with financial transaction submission.

Please refer to the table below to learn more about the details of the policy(ies) that will be available to the HCP.

#	Data Field	Description
1	PatientKey	Saudi NIN, Iqama number, Passport Number, Border Number and VISA Number.
2	SystemType	1 -> HIDP (Health Insurance for Nationals and Residents) 2 -> VIDP (Health Insurance for Visitors) 3 -> SCTH (Health Insurance for Tourists) 4 -> UIDP (Health Insurance for Premium Residency) 5 -> HUIDP (Health Insurance for Hajj & Umrah Visitors)

Table 1 - Request Message Data Fields



3.1 Insurance for Nationals / Residents (HIDP)

HCPs can query the insurance information for Nationals or Residents (HIDP) by specifying SystemType = 1 and providing a National ID or Iqama Number as a PatientKey.

3.1.1 HIDP Message Details

The below table represents the HIDP response message details:

#	Data Field	Description	Length / Format
1	PolicyNumber	Beneficiary Policy Number	50 digits
2	InsuranceCompanyEN	Insurance Company Name in English	250 characters
3	InsuranceCompanyAR	Insurance Company Name in Arabic	250 characters
4	InsuranceCompanyID	Insurance Company ID	3 digits
5	ExpiryDate	Policy Expiry Date	YYYY-MM-DD
6	ClassName	Class Name	50 digits
7	IdentityNumber	Saudi NIN or Iqama number. The value is same as the input to API	10 digits
8	Name	Name of the Beneficiary	250 characters
9	Gender	Beneficiary Gender	1 digit - "1" or "2" (please see HIDP lookups section)
10	NationalityID	Beneficiary Nationality	3 digits
11	DeductibleRate	Beneficiary Deductible / Copay percentage	10 digits
12	MaxLimit	Maximum amount chargeable to beneficiary	10 digits
13	BeneficiaryType	Beneficiary Member Type	1 digit - "1" or "2" (please see HIDP lookups section)
14	BeneficiaryNumber	Beneficiary Number	50 digits
15	NetworkID	Network ID	20 digits
16	IssueDate	Policy issue date	DD-MM-YYYY
17	SponsorNumber	Sponsor Number	250 digits
18	PolicyHolder	Policy Holder	250 digits

Table 2 - HIDP Response Data Fields

3.1.2 HIDP Message Lookups

The below is all applicable lookups for specific fields in the HIDP response message:

- **Field: Beneficiary Type**



Lookup Value	Lookup Description
1	Main Beneficiary
2	Dependents Beneficiary

Table 3 - Beneficiary Type Lookup

- Field: Gender

Lookup Value	Lookup Description
1	Male
2	Female

Table 4 - Gender Type Lookup



3.2 Insurance for Visitors (VIDP)

HCPs can query the insurance information for Visitors (VIDP) by specifying SystemType = 2 and providing a Visa number, Passport Number or Border Number as a PatientKey.

3.2.1 VIDP Message Details

The below table represents the VIDP response message details:

#	Data Field	Description	Length / Format
1	PolicyNumber	Beneficiary Policy Number	20 digits
2	PassportNumber	Beneficiary Passport Number	20 digits
3	InsuranceCompanyEN	Insurance Company Name in English	250 characters
4	InsuranceCompanyAR	Insurance Company Name in Arabic	250 characters
5	InsuranceCompanyID	Insurance Company ID	3 characters
6	ExpiryDate	Policy Expiry Date	YYYY-MM-DD
7	IssueDate	Policy issue date	YYYY-MM-DD
8	InsuranceStatus	Beneficiary Insurance Status	50 characters
9	InsuranceType	Beneficiary Insurance Type	50 characters
10	VisaNumber	Beneficiary Visa Number	250 digits
11	BorderNumber	Beneficiary Border Number	250 digits
12	InsuranceDuration	Beneficiary Insurance Duration	
13	VisaType	Beneficiary Visa Type	Value can be one of the following: 6, 10, 14, 23, 24, 21, 22, 27, 40, 30 (Please see VIDP lookups section)
14	Name	Name of the Beneficiary	250 characters
15	DateOfBirth	Beneficiary Date of Birth	YYYY-MM-DD
16	Gender	Beneficiary Gender	1 digit - "1" or "2" (please see VIDP lookups section)
17	NationalityCode	Beneficiary Nationality	3 digits
18	VisitTitle	Visit Title	

Table 5 - VIDP Response Data Fields



3.2.2 VIDP Message Lookups:

The below is all applicable lookups for specific fields in the VIDP response message:

- Field: Visa Type

Lookup Value	Lookup Description
6	مرور
10	سياحية او سياحية - هيا
14	توصيل بضائع
23	زيارة تجارية
24	زيارة عائلية
21	رجال اعمال
22	زيارة عمل
27	زيارة شخصية
40	مرافق
30	زيارة فعالية

Table 6 - Visa Type Lookup

- Field: Gender

Lookup Value	Lookup Description
1	Male
2	Female

Table 7 - Gender Lookup



3.3 Insurance for Tourists (SCTH)

HCPs can query the insurance information for Tourists (SCTH) information by specifying SystemType = 3 and providing a Visa number or Passport Number as a PatientKey.

3.3.1 SCTH Message Details

The below table represents the SCTH response message details:

#	Data Field	Description	Length / Format
1	PolicyNumber	Beneficiary Policy Number	20 digits
2	PassportNumber	Beneficiary Passport Number	20 digits
3	InsuranceCompanyEN	Insurance Company Name in English	250 characters
4	InsuranceCompanyAR	Insurance Company Name in Arabic	250 characters
5	InsuranceCompanyID	Insurance Company ID	3 characters
6	ExpiryDate	Policy Expiry Date	YYYY-MM-DD
7	IssueDate	Policy issue date	YYYY-MM-DD
8	InsuranceStatus	Beneficiary Insurance Status	50 characters
9	InsuranceType	Beneficiary Insurance Type	50 characters
10	VisaNumber	Beneficiary Visa Number	250 digits
11	BorderNumber	Beneficiary Border Number	250 digits
12	InsuranceDuration	Beneficiary Insurance Duration	
13	VisaType	Beneficiary Visa Type	Value can be one of the following: 6, 10, 14, 23, 24, 21, 22, 27, 40, 30 (Please see SCTH lookups section)
14	Name	Name of the Beneficiary	250 characters
15	DateOfBirth	Beneficiary Date of Birth	YYYY-MM-DD
16	Gender	Beneficiary Gender	1 digit - "1" or "2" (please see SCTH lookups section)
17	NationalityCode	Beneficiary Nationality	3 digits

Table 8 - SCTH Response Data Fields

3.3.2 SCTH Message Lookups:

The below is all applicable lookups for specific fields in the SCTH response message:

- Field: Visa Type

Lookup Value	Lookup Description
6	مرور



10	سياحية او سياحية - هيا
14	توصيل بضائع
23	زيارة تجارية
24	زيارة عائلية
21	رجال اعمال
22	زيارة عمل
27	زيارة شخصية
40	مرافق
30	زيارة فعالية

Table 9 - Visa Type Lookup

- Field: Gender

Lookup Value	Lookup Description
1	Male
2	Female

Table 10 - Gender Lookup



3.4 Insurance for Premium Residency (UIDP)

HCPs can query the insurance information for Premium Residency (UIDP) information by specifying SystemType = 4 and providing a Visa number or Passport Number as a PatientKey.

3.4.1 UIDP Message Details

The below table represents the UIDP response message details:

#	Data Field	Description	Length / Format
1	PolicyNumber	Beneficiary Policy Number	20 digits
2	PassportNumber	Beneficiary Passport Number	20 digits
3	InsuranceCompanyEN	Insurance Company Name in English	250 characters
4	InsuranceCompanyAR	Insurance Company Name in Arabic	250 characters
5	InsuranceCompanyID	Insurance Company ID	3 characters
6	ExpiryDate	Policy Expiry Date	YYYY-MM-DD
7	IssueDate	Policy issue date	YYYY-MM-DD
8	InsuranceStatus	Beneficiary Insurance Status	50 characters
9	InsuranceType	Beneficiary Insurance Type	50 characters
10	VisaNumber	Beneficiary Visa Number	250 digits
11	BorderNumber	Beneficiary Border Number	250 digits
12	InsuranceDuration	Beneficiary Insurance Duration	
13	VisaType	Beneficiary Visa Type	Value can be one of the following: 6, 10, 14, 23, 24, 21, 22, 27, 40, 30 (Please see UIDP lookups section)
14	Name	Name of the Beneficiary	250 characters
15	DateOfBirth	Beneficiary Date of Birth	YYYY-MM-DD
16	Gender	Beneficiary Gender	1 digit - "1" or "2" (please see UIDP lookups section)
17	NationalityCode	Beneficiary Nationality	3 digits

Table 11 - UIDP Response Data Fields



3.4.2 UIDP Message Lookups

The below is all applicable lookups for specific fields in the UIDP response message:

- Field: Visa Type

Lookup Value	Lookup Description
6	مرور
10	سياحية او سياحية - هيا
14	توصيل بضائع
23	زيارة تجارية
24	زيارة عائلية
21	رجال اعمال
22	زيارة عمل
27	زيارة شخصية
40	مرافق
30	زيارة فعالية

Table 12 - Visa Type Lookup

- Field: Gender

Lookup Value	Lookup Description
1	Male
2	Female

Table 13 - Gender Lookup



3.5 Insurance for Hajj & Umrah Visitors (HUIDP)

HCPs can query the Hajj & Umrah Insurance information (HUIDP) by specifying SystemType = 5 and providing Passport Number as a PatientKey.

3.5.1 HUIDP Message Details

The below table represents the HUIDP response message details:

#	Data Field	Description	Length / Format
1	PolicyNumber	Beneficiary Policy Number	20 digits
2	MembershipCode	Beneficiary Membership Code	50 digits
3	PassportNumber	Beneficiary Passport Number	20 characters
4	InsuredName	Beneficiary Name	250 characters
5	Nationality	Beneficiary Nationality	3 characters
6	DateOfBirth	Beneficiary Date of Birth	YYYY-MM-DD
7	Gender	Beneficiary Gender	1 digit - "1" or "2" (please see HUIDP lookups section)
8	Email	Beneficiary Email	250 characters
9	MobileNumber	Beneficiary Mobile Number	50 digits
10	VisaExpiryDate	Beneficiary Visa Expiry Date	YYYY-MM-DD
11	VisaType	Beneficiary Visa Type	Value can be one of the following: 6, 10, 14, 23, 24, 21, 22, 27, 40, 30 (Please see HUIDP lookups section)

Table 14 - HUIDP Response Data Fields

3.5.2 HUIDP Message Lookups:

The below is all applicable lookups for specific fields in the HUIDP response message:

- Field: Visa Type

Lookup Value	Lookup Description
6	مرور
10	سياحية او سياحية - هيا
14	توصيل بضائع
23	زيارة تجارية
24	زيارة عائلية
21	رجال اعمال



22	زيارة عمل
27	زيارة شخصية
40	مرافق
30	زيارة فعالية

Table 15 - Visa Type Lookup

- Field: Gender

Lookup Value	Lookup Description
1	Male
2	Female

Table 16 - Gender Lookup



4 ERROR CODES:

The following table lists a group of applicable error codes expected in difference scenarios

Error Code From API	Error Code Description
101	Key is required
102	Identity number should be 10 digits
103	Identity number should contain only numbers
104	Undefined system type
105	No record found
106	System type is required
107	System type should contain only numbers
108	Invalid Authorization Header
109	Invalid Header
110	Invalid Header Token
111	Invalid Header Token - Timeout Exception
112	error reading authentication header

Table 17 - Error Codes



5 API SPECIFICATIONS:

API URL : <https://hsb.nphies.sa/check-insurance?PatientKey={value}&SystemType={value}>

#	Parameter	Details
1	Protocol	REST
2	Type	GET
3	API Name	Check Insurance
4	PatientKey	National ID, Saudi IQAMA, Passport Number, Visa Number, Border Number
5	SystemType	1,2,3,4,5

Table 18 - API Specification



6 NPHIES ENVIRONMENTS:

The Check Insurance API is deployed on the Onboarding A and Production environments:

#	Environment	API Reference
1	Production	https://hsb.nphies.sa/check-insurance
2	OBA	http://hsb.oba.nphies.sa/check-insurance

Table 19 - Environments