

Application Access Patient Selection API syntax

API URL: [http://\[BASE URL\]/ChoiceOneRESTServiceAPI/api/ApplicationAccess/patientSearch](http://[BASE URL]/ChoiceOneRESTServiceAPI/api/ApplicationAccess/patientSearch)

API headers:

API_Key:<your API key>
API_Title:ChoiceOneAPI
Authorization:Basic <Session key generated at run time>
Content-Type:application/json

Post data Json: {
 "firstName":"john",
 "lastName":"doe",
 "gender":"F",
 "ssn": "",
 "phoneNumber": "",
 "birthday": ""
}

API Response:

```
"patientInfoNo": 107889,  
  "accountNumber": null,  
  "prefix": null,  
  "firstName": "John",  
  "middleName": null,  
  "lastName": "Doe ",  
  "marital": null,  
  "birthday": "2013-08-30T00:00:00",  
  "gender": "F",  
  "ssn": null,
```

Application Access Patient Selection Function Names

PatientSearch()

Required and optional parameters and their data types

patientInfoNo(integer),
firstName(string) ,
lastName(string),
gender(string),
ssn(string),
birthday(date),
phoneNumber(string)

At least one parameter is required to search patient.

Return variables and their types

This API returns data specific patient's patientInfoNo

Application Access Patient Selection API implementation requirements

Our API's are REST based, So no specific software components required at client side

Application Access Data Category Request API Syntax

API URL:

[http://\[BASE_URL\]/ChoiceOneRESTServiceAPI/api/ApplicationAccess/DataCategoryRequest](http://[BASE_URL]/ChoiceOneRESTServiceAPI/api/ApplicationAccess/DataCategoryRequest)

API Headers:

API_Key:<your API key>

API_Title:ChoiceOneAPI

Authorization:Basic <Session key generated at run time>

Content-Type:application/json

Post data Json:

```
{
  "startDate":"1900-01-01",
  "endDate":"2018-01-01",
  "patientInfoNo":11357,

  "MedicationAllergies":"1",
  "Medications":"1",
  "Problems":"1",
  "Encounters":"1",
  "Immunization":"1",
  "Vital":"0",
  "socialHistory":"0",
  "Procedures":"0",
  "FuntionalStatus":"0",
  "GoalSection":"0",
  "Assessment":"0",
  "TreatmentPlan":"0",
  "HealthConcern":"0",
  "Referral":"0",
  "Cognitive":"0",
  "DiagnosisImage":"0",
  "CareTeam":"0",
  "implantDeviceList":"0",
  "LabTest":"0"
}
```

API Response:

```
{
  "Substance": "Mesalamine",
  "allergyReaction": null,
  "Status": true,
  "dateOfEntry": "2012-02-27T17:33:49.763",
  "severity": "Critical",
  "IstMedAlleriesG9": null
},
{
  "problemDesc": "DEMENTIA IN CONDITIONS CLASSIFIED ELSEWHERE WITH
BEHAVIORAL DISTURBANCE",
  "medDirections": null,
  "activeProblemConcern": false,
  "problemType": "finding",
  "IstProblemsG9": null
},
}
```

Application Access Data Category Request Function Names

DataCategoryRequest()

Required and optional parameters and their data types

startDate(date),
endDate(date),
patientInfoNo (integer),
MedicationAllergies(string),
Medications(string),
Problems(string),
Encounters(string),
Immunization(string),
Vital(string),
socialHistory(string),
Procedures(string),
FuntionalStatus(string),
GoalSection(string),
Assessment(string),
TreatmentPlan(string),
HealthConcern(string),
Referral(string),
Cognitive(string),
DiagnosisImage(string),
CareTeam(string),
implantDeviceList(string),
LabTest(string)
PatientinfoNo and one date is required

Return variables and their types

This API returns data specific to patientInfoNo and selected category

Application Access Data Category Request API implementation requirements

Our API's REST based, So no specific software components required at client side

Application Access All Data Request API Syntax

API URL:

[http://\[BASE URL\]/ChoiceOneRESTServiceAPI/api/ApplicationAccess/AllDataRequest](http://[BASE URL]/ChoiceOneRESTServiceAPI/api/ApplicationAccess/AllDataRequest)

API Headers:

API_Key:<your API key>

API_Title:ChoiceOneAPI

Authorization:Basic <Session key generated at run time>

Content-Type:application/json

Post data Json:

```
{
  "startDate":"1900-01-01",
  "endDate":"2018-01-01",
  "patientInfoNo":11357,
}
```

API Response:

```
{
  "physicianPrefix": "Dr",
  "physicianFirstName": "Chaewon",
  "physicianMiddleName": "",
  "physicianLastName": "Song",
  "IstCareTeamG9": null
},
{
  "physicianPrefix": "Dr",
  "physicianFirstName": "Yong",
  "physicianMiddleName": "T",
  "physicianLastName": "Lee",
  "IstCareTeamG9": null
}
],
"IstFunctionalStatusG9": null,
"IstHealthConcernSectionG9": null,
"IstReasonForReferralG9": [
  {
    "reason": "SO Dr. Davis asked the patient to closely monitor the temperature and blood pressure and get admitted to the community Health Hospitals if the fever does not subside within a day.",
    "IstReasonForReferralG9": null
  }
],
```

Application Access All Data Request Function Names

AllDataRequest()

Required and optional parameters and their data types

PatientInfoNo(integer) required, endDate, StartDate is required

Return variables and their types

Returns multiple data of all categories specific to patientInfoNo

Application Access All Data Request API implementation requirements

Our API's REST based, So no specific software components required at client side