CyberMed Patient Info APIs

We suggest to download and use **Postman** to test APIs, and the download link is **https://www.getpostman.com/apps**.

[Sign_In API]

Description: Sign into API server by using patient credentials.

Get the security token and user account id.

URI: https://api.cybermedehr.com/api/SignIn

Method: POST

Input parameters:

email – string, user id

password – string, user password

fullName - string, user name

Output parameters:

token – string, security token to be used by the other APIs

account – string, the user account used by the other APIs

Testing account:

email: alice@cybermedcorp.com

Password: Pa$$w0rd

fullName: Tester

[All the other API Calls]

[URL]

https://api.cybermedehr.com

[Headers]

Content-Type: Application/json

    [Patient Info API]

Description: Get the patient's personal info.

URI: api/PatientInfo

Method: POST

Input paremeters:

        account – string, patient's account id

        startDate - string, format is yyyy/mm/dd

        endDate - string, format is yyyy/mm/dd

        token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

        PatientName – string, the patient's name

        Gender – string, the patient's gender

        DateOfBirth – string, the patient's date of birth

        Race – string, the patient's race

        Ethnicity – string, the patient's ethnicity

        Language – string, the patient's favored language

        SmokStatus – string, the patient's smoke status

[Patient Problems API]

Description: Get the patient's problems and issues.

URI: api/PatientProblems

Method: POST

Input paremeters:

      account – string, patient's account id

      startDate - string, format is yyyy/mm/dd

      endDate - string, format is yyyy/mm/dd

      token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

      problem_name – string, the patient's problem name

      start_date – string, the onset date of the problem

      snomed_code – string, the snomed code of the problem

      problem_status – string, the status of the problem

[Patient Allergies API]

Description: Get the patient's Allergies.

URI: api/PatientAllergies

Method: POST

Input paremeters:

account – string, patient's account id

startDate - string, format is yyyy/mm/dd

endDate - string, format is yyyy/mm/dd

token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

Substance – string, the patient's allergy name

Reaction – string, the reaction of the allergy

Severity – string, the Severity of the allergy

Status – string, the status of the allergy

[Patient Procedures API]

Description: Get the patient's Procedures.

URI: api/PatientProcedures

Method: POST

Input paremeters:

account – string, patient's account id

token - string, security token to be used by the other APIs

Output parameters:

Procedure – string, the patient's Procedure name

Date – string, the enter date of procedure

[Patient Immunizations API]

Description: Get the patient's Immunizations.

URI: api/PatientImmunizations

Method: POST

Input paremeters:

      account – string, patient's account id

      startDate - string, format is yyyy/mm/dd

      endDate - string, format is yyyy/mm/dd

      token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

      Vaccine – string, the patient's Immunization name

      Date – string, the start date of the Immunization

      Status – string, the Status of the Immunization

[Patient Medications API]

Description: Get the patient's Medications.

URI: api/PatientMedications

Method: POST

Input paremeters:

      account – string, patient's account id

startDate - string, format is yyyy/mm/dd

endDate - string, format is yyyy/mm/dd

token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

Medication – string, the patient's Medication name

Directions – string, the directions of the Medication

Start_Date – string, the Start Date of the Medication

[Patient Care Team Members API]

Description: Get the patient's Care Team Members.

URI: api/PatientCareTeamMembers

Method: POST

Input paremeters:

account – string, patient's account id

token - string, security token to be used by the other APIs

Output parameters:

CareTeamMember – string, the patient's care team member name

[Patient Plan Of Treatments API]

Description: Get the patient's Plan Of Treatments.

URI: api/PatientPlanOfTreatments

Method: POST

Input paremeters:

        account – string, patient's account id

        startDate - string, format is yyyy/mm/dd

        endDate - string, format is yyyy/mm/dd

        token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

        Planned_Care – string, the patient's plan of treatment

        Date – string, the entry date of plan of treatment

[Patient Goals API]

Description: Get the patient's Goals.

URI: api/PatientGoals

Method: POST

Input paremeters:

        account – string, patient's account id

        token - string, security token to be used by the other APIs

Output parameters:

        Goal – string, the patient's Treatment Goal

[Patient Health Concerns API]

Description: Get the patient's Health Concerns.

URI: api/PatientHealthConcerns

Method: POST

Input paremeters:

      account – string, patient's account id

      token - string, security token to be used by the other APIs

Output parameters:

      Concern – string, the patient's Health Concerns

[Patient Vital Signs API]

Description: Get the patient's Vital Signs.

URI: api/PatientVitalSigns

Method: POST

Input paremeters:

      account – string, patient's account id

      startDate - string, format is yyyy/mm/dd

      endDate - string, format is yyyy/mm/dd

      token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

Date_Time – string, the entry date and time of patient vital

Height – string, the patient's height

Weight – string, the patient's weight

Blood_Pressure – string, the patient's blood pressure

Heart_Rate – string, the patient's heart rate

SaO2 – string, the patient's O2 % BldC Oximetry

Body_Temperature – string, the patient's Temperature

Resp_Rate – string, the patient's Respiratory Rate

Glucose – string, the patient's blood glucose

HC – string, the patient's haematopoietic cell

BMI – string, the patient's Body Mass Index

LMP – string, the patient's last menstrual period

BSA – string, the patient's bovine serum albumin

HGB – string, the patient's hemoglobin

HCG – string, the patient's Human Chorionic Gonadotropin

[Patient UDI API]

Description: Get the patient's UDI.

URI: api/PatientUDI

Method: POST

Input paremeters:

account – string, patient's account id

token - string, security token to be used by the other APIs

Output parameters:

UDI – string, unite device identifier

assigning_auth – string, the assigning auth of device

[Patient Lab Results API]

Description: Get the patient's Lab Results.

URI: api/PatientLabResults

Method: POST

Input paremeters:

       account – string, patient's account id

       startDate - string, format is yyyy/mm/dd

       endDate - string, format is yyyy/mm/dd

       token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

       Result_Type – string, the result name of lab

       test_LOINC – string, the test LOINC code of lab

       Result_Value – string, the test result value of lab

       Abnormal_flag – string, the abnormal flag of lab result

       Result_Date – string, the date of lab result

[Patient Lab Tests API]

Description: Get the patient's Lab Tests.

URI: api/PatientLabTests

Method: POST

Input paremeters:

       account – string, patient's account id

       startDate - string, format is yyyy/mm/dd

       endDate - string, format is yyyy/mm/dd

       token - string, security token to be used by the other APIs

If user wants to get all the specified data from specified patient, just let both **startDate** and **endDate** as **""**;

If user wants to get data from specified date, enter the date into **startDate**, for example, "2016/01/07", and leave **endDate** as **""**;

If user wants to select data from a specified date range, just enter the **startDate** and **endDate**, for example, **"2008/08/15"**, and **"2017/06/30"**.

Output parameters:

       Test_Name – string, name of the lab test

       Test_Code – string, the lab test code

       Lab_Vendor – string, name of the lab vendor

       RequestDate – string, the request date of the lab test

[Patient Summary API]

Description: Get the patient's Summary.

URI: api/PatientSummary

Method: POST

Input paremeters:

       account – string, patient's account id

       token - string, security token to be used by the other APIs

Output parameters:

       Patient Summary Document - HTML

CyberMed API Exceptions

- Wrong sign in info, API will return 401 Unauthorized

- Wrong token, API will return 401 Unauthorized with message "Invalid token"

- Expired token, API will return 401 Unauthorized with message "Expired token"

- Internal Server Error, API will return 500 Internal Server Error

- Other exception, API will return 400 Bad Request

CyberMed API Terms of Use

- **Policies && developer agreements**

  1. Applications does not be required to pre-register (or be approved in advance) with the provider or our Health IT Module developer before being allowed to access the API.
  2. By using the APIs, user should know that all the data he/she gets via APIs are protected by law, and user must ensure there is no leak or disclosures issues.
  3. By using the APIs, user should know that all the user action via API will be recorded by CyberMed EHR System audit log.