Allergy API

Get Allergies for Patient API

This API is to get the list of patient allergies.

URI

GET - /api/ehr/v1/patients/{patient_id}/allergies

PARAMS

Name	Type	Optional/Required	Description
filter_type	Status.All | Status.Active | Status.Inactive	Optional	Filter the allergies based on allergy status
sort_order	A | D	Optional	Sorting order based on allergy added date

Sample cURL - Request

```
curl -X GET \
'https://ehr2.charmtracker.com/api/ehr/v1/patients/100001000000000631/allergies'
\
  -H 'Authorization: Bearer xxx' \
  -H 'content-type: application/json' \
```

Sample Response

```
{
   "code": "0",
   "message": "success",
   "allergies": [
      {
         "patient_allergy_id": "100001000000565007",
```

```
        "patient_id": "100001000000000631",
        "allergen": "Amoxicillin",
        "type": "Medication",
        "severity": "Moderate",
        "observed_on": "2020-05-10",
        "status": "true",
        "reactions": "Rash",
        "date_of_entry": "2024-01-09"
    },
    {
        "patient_allergy_id": "100001000000020112",
        "patient_id": "100001000000000631",
        "allergen": "Penicillin G benzathine",
        "type": "Medication",
        "severity": "Unknown",
        "observed_on": "2007-05-01",
        "status": "true",
        "reactions": "Hives",
        "date_of_entry": "2024-12-24"
    },
    {
        "patient_allergy_id": "100001000000000645",
        "patient_id": "100001000000000631",
        "allergen": "procaine penicillin",
        "type": "Medication",
        "severity": "Severe",
        "observed_on": "",
        "status": "true",
        "reactions": "",
        "date_of_entry": "2013-01-28"
    }
],
"page_context": {
    "page": "1",
    "per_page": "50",
    "has_more_page": "false",
    "applied_filter": "Status.Active",
    "sort_column": "date_of_entry",
```

```
    "sort_order": "D"
  }
}
```

Add Allergies for Patient API

The API is to create allergies for Patient.

URI

POST - /api/ehr/v1/patients/{patient_id}/allergies

Form Data

Key Name	Type	Optional/Required	Description
allergen	String	Required	Allergy name
type	String (Medication | Environmental | Food | Plant | Animal | Latex | Drug Substance)	Required	Type of Allergy
severity	String (Severe | Moderate | Mild | Unknown)	Required	Severity of Allergy
status	String (Active | Inactive)	Required	Diagnosis status
reactions	String	Optional	Reactions of allergy
date	Date (YYYY-MM-DD)	Optional	Allergy observed Date

Sample cURL - Request

```
curl -X POST \
```

```
https://api.charmtracker.com/api/ehr/v1/patients/100001000000000631/allergies \
 -H 'Authorization: Basic
YXJjaGFuYS5rcyt0MEB6b2hvdGVzdC5jb206TWVkaWNkb2NAMTIz' \
 -H 'Postman-Token: b334ca56-e41b-427e-a576-afb88a4dd1bf' \
 -H 'cache-control: no-cache' \
 -d '{
     "allergen":"Amoxicillin",
     "type":"Medication",
     "severity":"Mild",
     "status":"Active",
     "reactions":"Rash",
     "date":"2020-05-10",
}'
```

Sample Response

```
{
   "code": "0",
   "message": "Allergy added successfully",
   "patient_allergy": {
      "patient_id": "100001000000000631",
      "patient_allergy_id": "100001000000565007",
      "allergen": "Amoxicillin",
      "type": "Medication",
      "severity": "Mild",
      "observed_on": "2020-05-10",
      "status": "Active",
      "reactions": "Rash"
   }
}
```

Edit Allergies for Patient API

The API is to edit allergies for Patient.

URI

PUT - /api/ehr/v1/patients/{patient_id}/allergies/{patient_allergy_id}

Form Data

Key Name	Type	Optional/Required	Description
allergen	String	Required	Allergy name
type	String (Medication | Environmental | Food | Plant | Animal | Latex)	Required	Type of Allergy
severity	String (Severe | Moderate | Mild | Unknown)	Required	Severity of Allergy
status	String (Active | Inactive)	Required	Diagnosis status
reactions	String	Optional	Reactions of allergy
date	Date (YYYY-MM-DD)	Optional	Allergy observed Date

Sample cURL - Request

```
curl -X PUT \

https://ehr2.charmtracker.com/api/ehr/v1/patients/100001000000000631/allergies/
100001000000565007 \
 -H 'Authorization: Basic
YXJjaGFuYS5rcyt0MEB6b2hvdGVzdC5jb206TWVkaWNvNAMTIz' \
 -H 'Postman-Token: d91908b1-9678-4cd0-b15c-08b4002e6751' \
 -H 'cache-control: no-cache' \
 -d '{
      "allergen":"Amoxicillin",
      "type":"Medication",
      "severity":"Moderate",
      "status":"Active",
      "reactions":"Rash",
      "date":"2020-05-10",
}'
```

Sample Response

```
{
   "code": "0",
   "message": "Allergy updated successfully",
   "patient_allergy": {
       "patient_id": "100001000000000631",
       "patient_allergy_id": "100001000000565007",
       "allergen": "Amoxicillin",
       "type": "Medication",
       "severity": "Moderate",
       "observed_on": "2020-05-10",
       "status": "Active",
       "reactions": "Rash"
   }
}
```

Delete Allergy for Patient API

The API is to delete allergy for Patient.

URI

DELETE - /api/ehr/v1/patients/{patient_id}/allergies/{patient_allergy_id}

Sample cURL - Request

```
curl -X DELETE \
'https://ehr2.charmtracker.com/api/ehr/v1/patients/100001000000000631/allergies/
100001000000565007 \
  -H 'Authorization: Bearer xxx' \
  -H 'content-type: application/json' \
```

Sample Response

```
{
   "code": "0",
   "message": "Allergy deleted successfully."
}
```

Add No known allergy for Patient API

The API is to record no known allergy for Patient.

URI

POST - /api/ehr/v1/patients/{patient_id}/no_known_allergy

Form Data

Key Name	Type	Optional/Required	Description
type	String (Medication | Environmental | Food | Latex)	Required	Type of Allergy
status	String (Known | No Known)	Required	To record No known allergy - No Known is the status. To remove the No known allergy - Known is the status to update that.

Sample cURL - Request

```
curl -X POST \

https://ehr2.charmtracker.com/api/ehr/v1/patients/100001000000008007/no_known
_allergy \
  -H 'Authorization: Bearer
1000.22b38a29cacce63d89e29efbeeef0e5c.dd8a75977954d2a04f3f5b87ac695628'
\
  -H 'Postman-Token: 05349077-7f22-42d8-b648-8ee9a6686e75' \
  -H 'api_key: cf66fc94f6b269345fe165df528d21e5' \
  -H 'cache-control: no-cache' \
  -d '{
      "type":"Food",
      "status":"No Known"
}'
```

Sample Response

```
{
   "code":"0",
   "message":"No Known allergy updated successfully"
```

```
}
```

Get No known allergy for Patient API

The API is to record no known allergy for Patient.

URI

GET - /api/ehr/v1/patients/{patient_id}/no_known_allergy

Sample cURL - Request

```
curl -X GET \

https://ehr2.charmtracker.com/api/ehr/v1/patients/100001000000008007/no_known
_allergy \
  -H 'Authorization: Bearer
1000.22b38a29cacce63d89e29efbeeef0e5c.dd8a75977954d2a04f3f5b87ac695628'
\
  -H 'Postman-Token: bad24afd-a8a0-4d68-990a-3de206868dee' \
  -H 'api_key: cf66fc94f6b269345fe165df528d21e5' \
 -H 'cache-control: no-cache'
```

Sample Response

```
{
   "code":"0",
   "message":"success",
   "data":{
        "No Known Environmental Allergy":"true",
        "No Known Food Allergy":"true",
        "No Known Drug Allergy":"true",
        "No Known Latex Allergy":"true"
        }
}
```