

Patient API

List Patients API

API to fetch the patients from the practice.

URI

GET - /api/ehr/v1/patients

Params List

Param Name	Type	Optional / Required	Description
facility_id	Long values separated by comma or "ALL"	Required	Filters patient records that were mapped to any of the facilities in the given facility IDs. If "ALL" is passed, then patients from all the facilities will be fetched.
full_name_startswith	String	Optional	Filters the patients whose full name starts with given string
full_name_contains	String	Optional	Filters the patients whose full name contains given string
full_name	String	Optional	Filters the patients whose full name matches the given string
first_name_startswith	String	Optional	Filters the patients whose first name starts with given string
first_name_contains	String	Optional	Filters the patients whose first name contains given string
first_name	String	Optional	Filters the patients whose first name matches the given string
last_name_startswith	String	Optional	Filters the patients whose last name starts with given string

last_name_contains	String	Optional	Filters the patients whose last name contains given string
last_name	String	Optional	Filters the patients whose last name matches the given string
record_id_startswith	String	Optional	Filters the patients whose Record ID starts with given string
record_id_contains	String	Optional	Filters the patients whose Record ID contains given string
record_id	String	Optional	Filters the patient whose Record ID matches the given string
category_id	Long	Optional	Filters the patients whose category belongs to the given Category ID
gender	String	Optional	Filters patients with the given gender. Allowed Values : male, female, unknown, other
dob	Date format: yyyy-mm-dd	Optional	Filters patients whose Date of Birth equals to the given string.
email_startswith	String	Optional	Filters the patients whose Email starts with given string
email_contains	String	Optional	Filters the patients whose Email contains given string
email	String	Optional	Filters the patient whose email matches the given string
mobile_startswith	String	Optional	Filters the patients whose Mobile Number starts with given string

mobile_contains	String	Optional	Filters the patients whose Mobile Number contains given string
mobile	String	Optional	Filters the patients whose mobile matches the given string
home_phone_startswith	String	Optional	Filters the patients whose Home Phone starts with given string
home_phone_contains	String	Optional	Filters the patients whose Home Phone contains given string
home_phone	String	Optional	Filters the patient whose Home Phone matches the given string
work_phone_startswith	String	Optional	Filters the patients whose Work Phone starts with given string
work_phone_contains	String	Optional	Filters the patients whose Work Phone contains given string
work_phone	String	Optional	Filters the patient whose Work Phone matches the given string
created_date_start	Date format: yyyy-mm-dd	Optional	Filters patient records that were created on or after given string
created_date_end	Date format: yyyy-mm-dd	Optional	Filters patient records that were created on or before given string
filter_by	String (Status.All / Status.Active / Status.Inactive)	Optional	Filters patient records based on their status.
modified_time_greater_than	Long	Optional	Filters patients that were modified after the given timestamp
modified_time_less_than	Long	Optional	Filters patients that were modified before the given timestamp

modified_time_greater_equals	Long	Optional	Filters patients that were modified on or after the given timestamp
modified_time_less_equals	Long	Optional	Filters patients that were modified on or before the given timestamp
is_phr_account_available	Boolean	Optional	Filters patients with or without phr account.
gender_identity	String	Optional	Filters patients whose Gender Identity is equal to the given string.
state	String	Optional	Filters patients whose state is equal to the given string.
city	String	Optional	Filters patients whose city is equal to the given string.
country	String	Optional	Filters patients whose country is equal to the given string.
postal_code	String	Optional	Filters patients whose zip code/postal code is equal to the given string.
county	String	Optional	Filters patients whose county is equal to the given string.
district	String	Optional	Filters patients whose district is equal to the given string.
age_greater_equals	Integer	Optional	Filters patients whose age is equal or greater than the given number.
age_lesser_equals	Integer	Optional	Filters patients whose age is equal or less than the given number.
patient_ids	Long values separated by comma	Optional	Filters patients whose patient identifier is in the given list .

blood_group	String	Optional	Filters patients whose blood group is equal to the given string.
language	String	Optional	Filters patients whose language is equal to the given string.
maritalStatus	String (Single/ Married / Other)	Optional	Filters patients whose marital status is equal to the given string.
source	String	Optional	Filters patients whose source is equal to the given string.
category	String	Optional	Filters patients whose category is equal to the given string
sort_order	String	Optional	Allowed Values - A, D. A - Ascending; D - Descending.
sort_column	String	Optional	Allowed Value - created_time first_name last_name full_name rec ord_id
page	Integer	Optional	-
per_page	Integer	Optional	-

Sample cURL - Request

```
curl -X GET \
'http://apiehr.charmtracker.com/api/ehr/v1/patients?facility_id=1884000000374011,18
84000000375191&full_name_contains=taylor&dob=1954-12-02' \
-H 'Authorization: Bearer xxxxxxxx' \
-H 'Cache-Control: no-cache' \
-H 'api_key: 0cfb26f7b312632b1e8d12ac4733572a'
```

Sample Response

```
{
  "code": "0",
  "message": "success",
  "patients": [
    {
      "patient_id": "1884000000028001",
      "first_name": "Mary",
      "last_name": "Taylor",

```

```
"full_name": "Mary Taylor",
"dob": "1954-12-02",
"dob_format": "Dec 02, 1954",
"is_auto_calculated_dob": "false",
"record_id": "ChA001",
"language": "English",
"created_time": "2009-11-17T19:04:16+0530",
"created_date": "2009-11-17",
"next_visit_date": "",
"appointment_id": "",
"active": "true",
"gender": "female",
"gender_identity": "",
"email": "marytaylor@charmhealth.com",
"mobile": "3333333333",
"home_phone": "2222222222",
"work_phone": "1111111111",
"work_phone_extn": "9999",
"preferred_communication": "Phone",
"primary_phone": "",
"is_silhouette": "false",
"phr_login_id": "marylogin",
"account_type": "Patients with PHR account",
"blood_group": "B+",
"last_modified_time": 1592377672848,
"address_line1": "East Lohman Avenue",
"address_line2": "Council Oak Road",
"city": "Beaverton",
"state": "Alabama",
"country": "us",
"postal_code": "11223",
"county": "",
"district": "",
"marital_status": "Single",
"source": "Providers",
"category": "Family Planning",
"custom_field_value": ""
}
],
"page_context": {
  "page": "1",
  "per_page": "50",
  "has_more_page": "false",
  "applied_filter": "Status.Active",
  "sort_column": "created_time",
```

```
{
  "sort_order": "D",
  "search_criteria": [
    {
      "column_name": "full_name",
      "search_text": "taylor",
      "comparator": "contains"
    },
    {
      "column_name": "dob",
      "search_text": "1954-12-02",
      "comparator": "equal"
    }
  ]
}
```

Get Patient Details API

The API to get the details of a patient

URI

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

Sample cURL - Request

```
curl -X GET \
  http://apiehr.charmtracker.com/api/ehr/v1/patients/1884000000128001 \
  -H 'Authorization: Bearer xxxxxxxx' \
  -H 'Cache-Control: no-cache' \
  -H 'api_key: 0cfb26f7b333662a1e8d72ac4733572a'
```

Sample Response

```
{
  "code": "0",
  "message": "success",
  "patient": {
    "patient_id": "1884000000128001",
    "record_id": "ChA001",
    "first_name": "Mary",
    "middle_name": "",
    "last_name": "Taylor",
    "full_name": "Mary Taylor",
  }
}
```

```
"dob": "1954-12-02",
"is_auto_calculated_dob": "false",
"gender": "female",
"gender_identity": "",
"nick_name": "",
"suffix": "",
"maiden_name": "",
"deceased": "false",
"last_modified_time": 1592377672848,
"dod": "",
"cause_of_death": "",
"facilities": [
  {
    "facility_id": "1884000000474021"
  },
  {
    "facility_id": "1884000000472191"
  }
],
"id_qualifiers": [],
"primary_contact_details": {
  "address_line1": "East Lohman Avenue",
  "address_line2": "Council Oak Road",
  "area": "",
  "city": "BROOKLYN",
  "state": "New York",
  "county": "",
  "country": "us",
  "zip_code": "11223",
  "district": "",
  "mobile": "3333333333",
  "home_phone": "2222222222",
  "work_phone": "1111111111",
  "work_phone_extn": "9999",
  "email": "marytaylor@charmhealth.com",
  "primary_phone": "",
  "preferred_communication": "Phone",
  "cargiver_first_name": "",
  "cargiver_last_name": "",
  "fax": "",
  "time_zone": "US/Eastern"
},
"emergency_contact_name": "Ben parkesss",
"emergency_contact_number": "11231111",
"emergency_contact_number_extn": "",
```



```
"caregivers": [  
  {  
    "type": "0",  
    "first_name": "Jacob",  
    "middle_name": "",  
    "last_name": "",  
    "dob": "",  
    "gender": "",  
    "ssn": "",  
    "relationship": "Parent",  
    "same_as_patient_contact": "false",  
    "address": {  
      "address_line1": "15th Avenue",  
      "address_line2": "Rodgers Lane",  
      "city": "Lakewood",  
      "state": "Alabama",  
      "country": "us",  
      "zip_code": "11111"  
    },  
    "contact": {  
      "mobile": "3852165678",  
      "home_phone": "2323232323",  
      "work_phone": "",  
      "work_phone_extn": "",  
      "email": "father@email.com"  
    }  
  },  
  {  
    "type": "1",  
    "first_name": "",  
    "middle_name": "",  
    "last_name": "",  
    "dob": "",  
    "gender": "",  
    "ssn": "",  
    "relationship": "",  
    "same_as_patient_contact": "",  
    "address": {  
      "address_line1": "",  
      "address_line2": "",  
      "city": "",  
      "state": "",  
      "country": "",  
      "zip_code": ""  
    }  
  },  
]
```

```
"contact": {
  "mobile": "",
  "home_phone": "",
  "work_phone": "",
  "work_phone_extn": "",
  "email": ""
}
},
],
"guarantor": {
  "first_name": "Arya",
  "middle_name": "",
  "last_name": "A",
  "dob": "",
  "gender": "female",
  "ssn": "",
  "relationship": "Spouse",
  "address": {
    "address_line1": "East Lohman Avenue",
    "address_line2": "Council Oak Rd",
    "city": "SCHENECTADY",
    "state": "",
    "country": "us",
    "zip_code": "12345"
  },
  "contact": {
    "mobile": "4444455555",
    "home_phone": "1234567893",
    "work_phone": "",
    "work_phone_extn": "",
    "email": ""
  }
},
"email_notification": "true",
"text_notification": "true",
"voice_notification": "true",
"blood_group": "B+",
"language": "Achinese",
"race": "",
"ethnicity": "",
"smoking_status": "",
"marital_status": "Single",
"employment_status": "",
"sexual_orientation": "",
"mother_first_name": "",
```

```

    "mother_last_name": "",
    "birth_order": "0",
    "categories": [
      {
        "category_id": "1884000005890671"
      }
    ],
    "introduction": "No Advertisement.",
    "custom_field_1": "",
    "custom_field_2": "",
    "custom_field_3": "",
    "custom_field_4": "",
    "custom_field_5": "",
    "source_name": "Providers",
    "source_value": "Dr. John",
    "payment_source": "",
    "payment_start_date": "",
    "payment_end_date": "",
    "is_active": "true",
    "is_phr_available": "true",
    "is_silhouette": "false",
    "referred_source": "Providers",
    "referred_specific_source": "Dr. John",
    "about_patient": "No Advertisement."
  }
}

```

Add a Patient API

The API to add a new patient to ChARM

URI

POST - /api/ehr/v1/patients

Form Data

Key Name	Type	Optional / Required	Description
first_name	String	Required	First name of the patient max-length is 35

last_name	String	Required	Last name of the patient max-length is 35
gender	String	Required	Gender of the patient Allowed Values : male , female , unknown , other
dob	Date format: yyyy-mm-dd	Required (if age is not given)	Date of birth of patient
age	Integer	Required (if dob is not given)	Age of the patient
facilities	JSONArray	Required	Patient facilities list. (Refer Table 1 below)
middle_name	String	Optional	Middle name of the patient max-length is 35
record_id	String	Required if update patient API is called. Else optional for add patient API.	Patient Record ID max-length is 20
gender_identity	String	Optional	Gender Identity of the patient max-length is 100
nick_name	String	Optional	Nick name of the patient max-length is 35
suffix	String	Optional	Suffix of the patient max-length is 20
maiden_name	String	Optional	Patient maiden name max-length is 35
deceased	Boolean	Optional	Is patient deceased or not
dod	Date format: yyyy-mm-dd	Optional	Date of death if deceased.
cause_of_death	String	Optional	Cause of death if deceased. max-length is 35
linked_patient_id	Long	Optional	Patient ID of the linked patient.

id_qualifiers	JSONArray	Optional	Values of Patient IDs. (Refer Table 2 below)
address	JSONObject	Optional	Patient address. (Refer Table 3 below)
mobile	String	Optional	Patient mobile number max-length is 15
home_phone	String	Optional	Patient home phone number max-length is 15
work_phone	String	Optional	Patient work phone number max-length is 15
work_phone_extn	String	Optional	Work phone extension number max-length is 4
email	String	Optional	Email address of patient max-length is 100
primary_phone	String	Optional	Primary phone preference Allowed Values: Home Phone , Mobile Phone , Work Phone
emergency_contact _name	String	Optional	Emergency Contact Person Name max-length is 70
emergency_contact _number	String	Optional	Emergency Contact Person Number max-length is 10
emergency_extn	String	Optional	Emergency contact number extension max-length is 4
caregivers	JSONArray	Optional	Patient caregivers information. (Refer Table 4 below)
guarantor	JSONObject	Optional	Patient guarantor information. (Refer Table 5 below)

preferred_communication	String	Optional	Patient preferred mode of communication. Allowed Values : ChARM PHR , Email , Phone , Fax , Mail
email_notification	Boolean	Optional	Whether to receive email notifications or not.
text_notification	Boolean	Optional	Whether to receive text notifications or not.
voice_notification	Boolean	Optional	Whether to receive voice notifications or not.
blood_group	String	Optional	Patient Blood Group. Allowed Values : unknown, B+ , B- , O+ , O- , A+ , A- , A1+ , A1- , A2+ , A2- , AB+ , AB- , A1B+ , A1B- , A2B+ , A2B-
language	String	Optional	Patient language max-length is 100
race	String	Optional	Patient race
ethnicity	String	Optional	Patient ethnicity
smoking_status	String	Optional	Smoking status of patient Allowed Values : Current every day smoker , Current some day smoker , Former Smoker , Never Smoker , Smoker, current status unknown , Unknown if ever smoked , Heavy tobacco smoker , Light tobacco smoker

marital_status	String	Optional	Marital status of patient Allowed Values : Single , Married , Other
employment_status	String	Optional	Employment status of patient Allowed Values : Employed , Full-Time Student , Part-Time Student , Unemployed , Retired
sexual_orientation	String	Optional	Patient Sexual Orientation max-length is 250
mother_first_name	String	Optional	Mother's maiden first name max-length is 35
mother_last_name	String	Optional	Mother's maiden last name max-length is 35
is_multiple_birth	Boolean	Optional	Whether multiple birth or not
birth_order	Integer	Optional	Birth order in case of multiple birth
categories	JSONArray	Optional	List of categories to which patient belongs. (Refer Table 6 below)
introduction	String	Optional	Information about patient max-length is 600
custom_field_1	String	Optional	Value of Custom Field 1 max-length is 250
custom_field_2	String	Optional	Value of Custom Field 2 max-length is 250
custom_field_3	String	Optional	Value of Custom Field 3 max-length is 250
custom_field_4	String	Optional	Value of Custom Field 4 max-length is 250

custom_field_5	String	Optional	Value of Custom Field 5 max-length is 250
source_name	String	Optional	Source from which patient come to know about the practice max-length is 100
source_value	String	Optional	Specific source name for the source. max-length is 100
payment_source	String	Optional	Patient payment source mode. max-length is 200
payment_start_date	Date format: yyyy- mm-dd	Optional	Payment source valid from date.
payment_end_date	Date format: yyyy- mm-dd	Optional	Payment source valid till date.
rep_first_name	String	Optional	Patient representative first name. max-length is 35
rep_last_name	String	Optional	Patient representative last name. max-length is 35
send_phr_invite	Boolean	Optional	Whether to send PHR invitation or not.
duplicate_check	Boolean	Optional	Whether to check for duplicate patient before adding.
update_specific_details	Boolean	Optional (Applies only to Update Patient API)	Used to update only the values sent in the request.

Table 1

Key Name	Type	Optional/Required	Description
facility_id	Long	Required	Facility ID for which the patient is to be mapped.

Table 2

Key Name	Type	Optional/Required	Description
id_qualifier	Integer	Required	ID Qualifier Number (Find the qualifier

			name vs number in Table 2a)
id_of_patient	String	Required	ID Qualifier Value max-length is 20

Table 2a

Qualifier Name	Qualifier Number
Military ID	1
State Issued ID	2
Unique System ID	3
Permanent Resident Card (Green Card)	4
Passport ID	5
Driver's License ID	6
Social Security Number	7
Tribal ID	8
Other	99

Table 3

Key Name	Type	Optional/Required	Description
address_line1	String	Optional	Address Line 1 max-length is 35
address_line2	String	Optional	Address Line 2 max-length is 35
area	String	Optional	Area max-length is 100
city	String	Optional	City max-length is 35
state	String	Optional	State max-length is 50 (Pass entire State value. Ex : "New Jersey")
county_code	String	Optional	County Code max-length is 20
country	String	Required	Country max-length is 2
zip_code	String	Optional	Zip Code max-length is 10
post_box	Integer	Optional	Post Box No max-length is 4
district	String	Optional	District

			max-length is 50
--	--	--	------------------

Table 4

Key Name	Type	Optional/Required	Description
first_name	String	Required	max-length is 35
middle_name	String	Optional	max-length is 35
last_name	String	Required	max-length is 35
dob	Date format: yyyy-mm-dd	Optional	
gender	String	Optional	Allowed Values : male , female , unknown , other
ssn	String	Optional	max-length is 20
relationship	String	Required	Relationship with patient max-length is 20
same_as_patient_contact	Boolean	Optional	True if caregiver contact details are same as patient contact details.
contact	JSONObject	Optional	Refer Table 7 below
address	JSONObject	Required	Refer Table 3 above

Table 5

Key Name	Type	Optional/Required	Description
first_name	String	Required	max-length is 35
middle_name	String	Optional	max-length is 35
last_name	String	Required	max-length is 35
dob	Date format: yyyy-mm-dd	Optional	
gender	String	Optional	Allowed Values : male , female , unknown , other
ssn	String	Optional	max-length is 20
relationship	String	Required	Relationship with patient max-length is 20
contact	JSONObject	Optional	Refer Table 7 below
address	JSONObject	Required	Refer Table 3 above

Table 6

Key Name	Type	Optional/Required	Description
category_id	Long	Required	Category ID

Table 7

Key Name	Type	Optional/Required	Description
mobile	String	Optional	Mobile number
home_phone	String	Optional	Home phone number
work_phone	String	Optional	Work phone number
work_phone_extn	String	Optional	Work phone extension number
email	String	Optional	Email address

Sample cURL - Request

```
curl -X POST \
  https://ehr.charmtracker.com/api/ehr/v1/patients \
  -H 'Authorization: Bearer xxxxxxxx' \
  -H 'Cache-Control: no-cache' \
  -H 'Content-Type: application/json' \
  -H 'api_key: 0cfb26f7b333762b1e6d74ac4732572a' \
  -d '{"duplicate_check":"true","first_name":"Alison","last_name":" Alise","dob":"2001-01-01","gender":"female","facilities":[{"facility_id":"188400000375191"}],"address":{"country":"us","state":"New Jersey"},"email_notification":"true","text_notification":"true","voice_notification":"true","send_phr_invite":"false"}
```

Sample Response

```
{
  "code": "0",
  "message": "Patient saved successfully.",
  "patient": {
    "patient_id": "1884000016504003",
    "record_id": "PAT0001",
    "first_name": "Alison",
    "middle_name": "",
    "last_name": "Alise",
    "full_name": "Alison Alise",
    "dob": "2001-01-01",
```

```
"is_auto_calculated_dob": "false",
"gender": "female",
"gender_identity": "",
"nick_name": "",
"suffix": "",
"maiden_name": "",
"deceased": "false",
"dod": "",
"cause_of_death": "",
"facilities": [
  {
    "facility_id": "1884000000375191"
  }
],
"id_qualifiers": [],
"primary_contact_details": {
  "address_line1": "",
  "address_line2": "",
  "area": "",
  "city": "",
  "state": "New Jersey",
  "county": "",
  "country": "us",
  "zip_code": "",
  "district": "",
  "mobile": "",
  "home_phone": "",
  "work_phone": "",
  "work_phone_extn": "",
  "email": "",
  "primary_phone": "",
  "preferred_communication": ""
},
"emergency_contact_name": "",
"emergency_contact_number": "",
"emergency_contact_number_extn": "",
"caregivers": [
  {
    "type": "0",
    "first_name": "",
    "middle_name": "",
    "last_name": "",
    "dob": "",
    "gender": "",
    "ssn": "",
```

```
"relationship": "",
"same_as_patient_contact": "",
"address": {
  "address_line1": "",
  "address_line2": "",
  "city": "",
  "state": "",
  "country": "",
  "zip_code": ""
},
"contact": {
  "mobile": "",
  "home_phone": "",
  "work_phone": "",
  "work_phone_extn": "",
  "email": ""
}
},
{
  "type": "1",
  "first_name": "",
  "middle_name": "",
  "last_name": "",
  "dob": "",
  "gender": "",
  "ssn": "",
  "relationship": "",
  "same_as_patient_contact": "",
  "address": {
    "address_line1": "",
    "address_line2": "",
    "city": "",
    "state": "",
    "country": "",
    "zip_code": ""
  },
  "contact": {
    "mobile": "",
    "home_phone": "",
    "work_phone": "",
    "work_phone_extn": "",
    "email": ""
  }
}
],
```

```
"guarantor": {
  "first_name": "",
  "middle_name": "",
  "last_name": "",
  "dob": "",
  "gender": "",
  "ssn": "",
  "relationship": "",
  "address": {
    "address_line1": "",
    "address_line2": "",
    "city": "",
    "state": "",
    "country": "",
    "zip_code": ""
  },
  "contact": {
    "mobile": "",
    "home_phone": "",
    "work_phone": "",
    "work_phone_extn": "",
    "email": ""
  }
},
"email_notification": "true",
"text_notification": "true",
"voice_notification": "true",
"blood_group": "",
"language": "",
"race": "",
"ethnicity": "",
"smoking_status": "",
"marital_status": "",
"employment_status": "",
"sexual_orientation": "",
"mother_first_name": "",
"mother_last_name": "",
"birth_order": "",
"categories": [],
"introduction": "",
"custom_field_1": "",
"custom_field_2": "",
"custom_field_3": "",
"custom_field_4": "",
"custom_field_5": "",
```

```
"source_name": "",
"source_value": "",
"payment_source": "",
"payment_start_date": "",
"payment_end_date": "",
"is_active": "true",
"is_silhouette": ""
}
}
```

Update A Patient API

API to update patient demographics

URI

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

Form Data

Refer Form Data for Add Patient API

Note: You can pass "update_specific_details" as a boolean value in the form data to the request when you want to update some specific fields without disturbing other fields. For example, consider the below cases:

Case 1 : By using "update_specific_details"

Consider the patient has mobile number and address in demographics. To update the address of the patient, the request json has to go like below.

```
{
  "first_name": "Alison",
  "last_name": "Alise",
  "dob": "2002-02-02",
  "gender": "female",
  "facilities": [{"facility_id": "1884000000375191"}],
  "address": {
    "country": "us",
    "state": "New Jersey"
  },
  "record_id": "PAT0001",
  "update_specific_details": "true"
}
```

In above json, "update_specific_details" is passed. This request will only update the address. mobile number of the patient will not be deleted in this case.

Case 2 : Without using "update_specific_details"

Consider the patient has mobile number and address in demographics. To update the address of the patient, the request json has to go like below.

```
{
  "first_name": "Alison",
  "last_name": "Alise",
  "dob": "2002-02-02",
  "gender": "female",
  "facilities": [{"facility_id": "1884000000375191"}],
  "address": {
    "country": "us",
    "state": "New Jersey"
  },
  "mobile": "4534534534",
  "record_id": "PAT0001",
}
```

In above json, "update_specific_details" is not passed. So the mobile number of the patient has to be passed in this case to retain it.

If you don't send the mobile number of the patient in this case, then it will be deleted from the patient record.

Sample cURL - Request

```
curl -X PUT \
  https://apiehr.charmtracker.com/api/ehr/v1/patients/1884000016504003 \
  -H 'Authorization: Bearer 1000.355f84572e8ca1008606047bef2d29ef.d12088ac290d9785af0b14edaf843b60' \
  -H 'Cache-Control: no-cache' \
  -H 'Content-Type: application/json' \
  -H 'api_key: 0cfb26f7b333662a1e8d72ac4733572a' \
  -d '{"duplicate_check": "true", "first_name": "Alison", "last_name": "Alise", "dob": "2002-02-02", "gender": "female", "facilities": [{"facility_id": "1884000000375191"}], "address": {"country": "us", "state": "New Jersey"}, "email_notification": "true", "text_notification": "true", "voice_notification": "true", "send_phr_invite": "false", "record_id": "PAT0001"}'
```


Sample Response

```
{
  "code": "0",
  "message": "Patient details updated successfully",
  "patient": {
    "patient_id": "1884000016504003",
    "record_id": "PAT0001",
    "first_name": "Alison",
    "middle_name": "",
    "last_name": "Alise",
    "full_name": "Alison Alise",
    "dob": "2002-02-02",
    "is_auto_calculated_dob": "false",
    "gender": "female",
    "gender_identity": "",
    "nick_name": "",
    "suffix": "",
    "maiden_name": "",
    "deceased": "false",
    "dod": "",
    "cause_of_death": "",
    "facilities": [
      {
        "facility_id": "1884000000375191"
      }
    ],
    "id_qualifiers": [],
    "primary_contact_details": {
      "address_line1": "",
      "address_line2": "",
      "area": "",
      "city": "",
      "state": "New Jersey",
      "county": "",
      "country": "us",
      "zip_code": "",
      "district": "",
      "mobile": "",
      "home_phone": "",
      "work_phone": "",
      "work_phone_extn": ""
    }
  }
}
```

```
"email": "",
"primary_phone": "",
"preferred_communication": "",
},
"emergency_contact_name": "",
"emergency_contact_number": "",
"emergency_contact_number_extn": "",
"caregivers": [
  {
    "type": "0",
    "first_name": "",
    "middle_name": "",
    "last_name": "",
    "dob": "",
    "gender": "",
    "ssn": "",
    "relationship": "",
    "same_as_patient_contact": "",
    "address": {
      "address_line1": "",
      "address_line2": "",
      "city": "",
      "state": "",
      "country": "",
      "zip_code": ""
    },
    "contact": {
      "mobile": "",
      "home_phone": "",
      "work_phone": "",
      "work_phone_extn": "",
      "email": ""
    }
  },
  {
    "type": "1",
    "first_name": "",
    "middle_name": "",
    "last_name": "",
    "dob": "",
    "gender": "",
    "ssn": "",
    "relationship": "",
    "same_as_patient_contact": "",
```

```
"address": {
  "address_line1": "",
  "address_line2": "",
  "city": "",
  "state": "",
  "country": "",
  "zip_code": ""
},
"contact": {
  "mobile": "",
  "home_phone": "",
  "work_phone": "",
  "work_phone_extn": "",
  "email": ""
}
},
"guarantor": {
  "first_name": "",
  "middle_name": "",
  "last_name": "",
  "dob": "",
  "gender": "",
  "ssn": "",
  "relationship": "",
  "address": {
    "address_line1": "",
    "address_line2": "",
    "city": "",
    "state": "",
    "country": "",
    "zip_code": ""
  },
  "contact": {
    "mobile": "",
    "home_phone": "",
    "work_phone": "",
    "work_phone_extn": "",
    "email": ""
  }
},
"email_notification": "true",
"text_notification": "true",
"voice_notification": "true",
```

```
"blood_group": "",
"language": "",
"race": "",
"ethnicity": "",
"smoking_status": "",
"marital_status": "",
"employment_status": "",
"sexual_orientation": "",
"mother_first_name": "",
"mother_last_name": "",
"birth_order": "",
"categories": [],
"introduction": "",
"custom_field_1": "",
"custom_field_2": "",
"custom_field_3": "",
"custom_field_4": "",
"custom_field_5": "",
"source_name": "",
"source_value": "",
"payment_source": "",
"payment_start_date": "",
"payment_end_date": "",
"is_active": "true",
"is_silhouette": "true",
"referred_source": "",
"referred_specific_source": "",
"about_patient": "",
"category": ""
}
}
```

Deactivate a Patient API

API to deactivate a patient record.

URI

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

Sample cURL - Request

```
curl -X POST \
https://apiehr.charmtracker.com/api/ehr/v1/patients/1884000016504003/inactive \
```

```
-H 'Authorization: Bearer xxxxxx' \  
-H 'Cache-Control: no-cache' \  
-H 'api_key: 0cfb36f7b446662a1e8d72ac4733572a'
```

Sample Response

```
{  
  "code": "0",  
  "message": "Patient has been inactivated successfully"  
}
```

Activate a Patient API

API to activate a patient record.

URI

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

Sample cURL - Request

```
curl -X POST \  
https://ehr.charmtracker.com/api/ehr/v1/patients/1884000016504003/active \  
-H 'Authorization: Bearer xxxxxx' \  
-H 'Cache-Control: no-cache' \  
-H 'api_key: 0cfb15f7b337672a1e3d72bc4733972a'
```

Sample Response

```
{  
  "code": "0",  
  "message": "Patient has been activated successfully"  
}
```

Send PHR Invitation to a patient

API to send PHR invitation email to patient.

URI

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

Form Data

Key Name	Type	Optional/Required	Description
email	String	Required	email id to which the invitation need to be sent.
rep_first_name	String	Optional	Patient representative first name. max-length is 35
rep_last_name	String	Optional	Patient representative last name. max-length is 35

Sample cURL - Request

```
curl -L -X POST
'https://ehr.charmtracker.com/api/ehr/v1/patients/1884000010600855/invitations' \
-H 'Authorization: Bearer xxxxxx \
-H 'Cache-Control: no-cache' \
-H 'api_key: 0cfb15f7b337672a1e3d72bc4733972a'
--data-raw '{
  "email": "testpatient@test.com"
}'
```

Sample Response

```
{
  "code": "0",
  "message": "Invitation has been sent successfully."
}
```

Categories List API

API to fetch the list of categories in the practice.

URI

GET - /api/ehr/v1/category

Sample cURL - Request

```
curl -L -X GET 'https://ehr.charmtracker.com/api/ehr/v1/category' \  
-H 'Authorization: Bearer  
1000.32464f777a12dc73e2f1234137d3b692.79e37e2eaf5fd7da7b8a1da684f9f14c' \  
-H 'api_key: 0b286141f2c87839ddcddd0c56e52575' \  

```

Sample Response

```
{  
  "code": "0",  
  "message": "success",  
  "categories": [  
    {  
      "id": "1884000000000715",  
      "name": "Test Category"  
    }  
  ]  
}
```

Add New Category API

API to fetch the list of categories in the practice.

URI

POST - /api/ehr/v1/category

Form Data

Key Name	Type	Optional/Required	Description
data	JSONArray	Required	JSONArray of categories (refer "Table categories")

Table categories

Key Name	Type	Optional/Required	Description
category_name	String	Required	New patient category name that needs to be added.

Sample cURL - Request

```
curl -L -X POST 'https://ehr2.charmtracker.com/api/ehr/v1/category' \  
-H 'Authorization: Bearer  
1000.978a7eaa4e6ed4f4c18274d46b867409.a0d78927f6451845e7ae6988cd78dd' \  
-H 'api_key: 46bbd3a0812dc1b9afe50ac1cd1272d' \  
--data-raw '[  
  {  
    "category_name": "Test Category"  
  }  
' ]'
```

Sample Response

```
{  
  "code": "0",  
  "message": "Patient category added successfully."  
}
```


Upload ID of a patient.

API to upload the file for a patient ID

URI

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

Form Data

Key Name	Type	Optional/Required	Description
id_qualifier	int	Required	ID Qualifier Number (Find the qualifier name vs number in Table 1 below)
id_of_patient	String	Optional	id of patient
file	image/pdf	Required	identity file

Table 1

Qualifier Name	Qualifier Number
Military ID	1
State Issued ID	2
Unique System ID	3
Permanent Resident Card (Green Card)	4
Passport ID	5
Driver's License ID	6
Social Security Number	7
Tribal ID	8
Other	99

Sample cURL - Request

```
curl -L -X POST
'https://ehr.charmtracker.com/api/ehr/v1/patients/1884000024473083/identity' \
-H 'api_key: c1288b984f7f4bde85789bc099de4ae6' \
-H 'Authorization: Bearer
1000.432c1da2144d90b540bdb2178b527dda.fad19099d354f807c89002b8e1652' \
-F 'id_qualifier="1"' \
-F 'id_of_patient="12345"' \
-F 'file=@"/home/local/Downloads/testImage.png"'
```

Sample Response

```
{
  "code": "0",
  "message": "Uploaded successfully."
}
```

Upload patient photo API.

API to upload the profile photo of a patient

URI

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

Form Data

Key Name	Type	Optional/Required	Description
file	image	Required	Photo image file

Sample cURL - Request

```
curl -L -X POST
'https://ehr.charmtracker.com/api/ehr/v1/patients/1884000024644237/photo' \
-H 'api_key: c1288b984f7f4bde85789bc099de7ae6' \
-H 'Authorization: Bearer
1000.c45b4b0d653a7912c4591b11689fbb96.d741cab0347719e7aafd5cb99feb' \
-F 'file=@"/home/local/Downloads/patient_image.png"'
```

Sample Response

```
{
  "code": "0",
  "message": "Patient Profile Photo added successfully"
}
```

Delete patient photo API.

API to delete the profile photo of a patient

URI

DELETE - /api/ehr/v1/patients/{patient_id}/photo

Sample cURL - Request

```
curl -L -X DELETE
'https://ehr2.charmtracker.com/api/ehr/v1/patients/1884000024644237/photo' \
-H 'api_key: c1288b984f7f4bde85789bc099de4ae6' \
-H 'Authorization: Bearer
1000.c45b4b0d653a7912c4591b22689fbb96.da31cab0347719e7aafd5cb99feb'
```

Sample Response

```
{
  "code": "0",
  "message": "Patient Profile Photo deleted successfully"
}
```