

MD HQ API:

Patient Endpoints:

Please note: All dates listed are listed in UTC, so you'll want to adjust for your local timezone. Also, the API responses include some routes that may not be available for your instance.

1. Get all patients

Endpoint: /api/v1/patients

Method: GET

Arguments:

- **limit:** (optional) defaults to 100, but can be overridden (max is 100)
- **offset:** (optional) If the returned data indicates that there is more than the limit responses (`has_more: true`), then it will offset the list to allow you to cycle through long appointment list
- **status:** (optional) If this parameter is set it will only include ACTIVE patients

Sample Call:

```
curl -X GET https://un:pwd@subdomain.md-hq.com /api/v1/patients
```

2. Find all patients matching criteria

Endpoint: /api/v1/patients

Method: GET

Arguments:

- **limit:** (optional) defaults to 10, but can be overridden (max is 100)
- **offset:** (optional) If the returned data indicates that there is more than the limit responses (`has_more: true`), then it will offset the list to allow you to cycle through long appointment list
- **last name:** (optional) Match patients with given last name. *Allows wildcard: smith% will match "Smith", "Smithson", "Simthe" etc*
- **first name:** (optional) Match patients with given first name *Allows wildcard: ben% will match "Ben", "Benjamin", "Bennett" etc*
- **email:** (optional) Match patients with given email as their primary or secondary address *Allows wildcard: %@gmail.com will match all patients with Gmail addresses*
- **username:** (optional) Match patients with given patient portal username
- **dob:** (optional) Match patients with given date of birth (preferred format is yyyy-mm-dd). *No wildcards allowed*

Sample Call:

```
curl -X GET "https://un:pwd@subdomain.md-hq.com/api/v1/patients/search?first name=Joh%&last name=Doe%&dob=1980-12-01"
```

3. Get a single patient (by ID)

Endpoint: /api/v1/patients/:patient_id

Method: GET

Arguments: [none]

Sample Call:

```
curl -X GET https://un:pwd@subdomain.md-hq.com/api/v1/patients/2
```

4. Create a new patient

Endpoint: /api/v1/patients

Method: POST

Data: property-value key-pairs, including nested objects for address and insurance information (match the structure from the GET API call)

Notes: At a minimum, you must provide a first name, last name, date of birth (preferred format is YYYY-MM-DD), and sex (must be M, F, or ?)

Sample Call:

```
curl --data '{"first_name":"John","last_name":"Doe","dob":"1980-12-01","sex":"M"}' -X POST https://un:pwd@subdomain.md-hq.com/api/v1/patients
```

5. Update a patient

Endpoint: /api/v1/patients/:patient_id

Method: PATCH

Data: property-value key-pairs, including nested objects for address and insurance information (match the structure from the GET API call)

Sample Call:

```
curl --data '{"first_name":"Jonathan","phone_home":"555-123-1234"}' -X PATCH https://un:pwd@subdomain.md-hq.com/api/v1/patients/316
```