

MD HQ API:

## Patient Research Endpoint:

Most data about an individual patient is available through specific calls for patient documents, demographics, vitals, etc. However, for research purposes you often want to pull a large amount of discrete data about patients, so MD HQ provides a specific endpoint that aggregates most relevant data into a single call.

To access your patient's extended data, first run an API call to return all patients, then loop through the patient ids returned in that response and fetch each patient's extended details.

*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.*

*Also note: The responses for this call can often be large (more than 1MB/patient in some scenarios) so response times to this call can vary. Please rate-limit this call to 20 calls/second and we recommend waiting until after business hours if you are going to run this for all patients.*

### 1. Get all patients with extended (research) details

Endpoint: `/api/v1/patients/:id/extended_details`

Method: GET

Arguments:

- **anonymize**: (optional) The return values will strip PHI identifiers from the chart including: names, street-level addresses, telephone numbers (area codes will remain), date-of-birth (year of birth will remain) and some questionnaire answers. Because every client has different questionnaires, you will want to make sure you further anonymize the results if your questionnaires include requests for identifying information. *Sample*

*Call:*

```
curl -X GET "https://un:pwd@subdomain.md-hq.com/api/v1/patients/2/extended_details?anonymize=true"
```

Sample JSON response-data can be previewed here:

[https://demo1.md-hq.com/custom/sample\\_data/extended\\_details.json](https://demo1.md-hq.com/custom/sample_data/extended_details.json)

It is recommended opening this using a JSON parser or a browser that renders JSON natively (like Firefox) to make it easier to traverse the sample data.