Cerbo API:

Appointment Endpoints:

Please note: All dates listed (start times, end times, creation times) are listed in UTC, so you'll want to adjust for your local timezone. Also, associated providers returns an array of provider objects, as a single appointment can be assigned to multiple providers or resources.

1. **Get All Appointments in a Date Range**
   Endpoint: `/api/v1/appointments`
   Method: GET
   Arguments:
   - `limit`: (optional) defaults to 1000, but can be overridden (max is 1000)
   - `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
   - `start_date`: (required) Y-m-d string for first day of date-range
   - `end_date`: (require) Y-m-d string for last day of date-range
   - `provider_id`: (optional) integer for the ID of a specific provider limits results to specific user appointments
   - `pt_id`: (optional) integer for the ID of a specific patient to get appointments for.
   - `include_cancelled`: (optional) if not empty, it will include cancelled appointments in the return (these are suppressed by default)
   - `include_work_schedule`: (optional) include details about when a provider is set to work (these are suppressed by default)
   - `status`: (optional) a string or an array to filter only appointments of specific statuses – these include: scheduled, confirmed, checked-in, in-room, cancelled, and possibly custom statuses set by your clinic.

   Sample Call:
   ```
   curl -X  GET https://un:pwd@subdomain.md-hq.com/api/v1/appointments?
   limit=10&start_date=2017-01-01&end_date=2017-12-31&provider_id=7&status\
   [\]=confirmed&status\[\]=scheduled
   ```

2. **Get a single appointment's details**
   Endpoint: `/api/v1/appointments/:appointment_id`
   Method: GET
   Arguments: [none]
   Sample Call:
   ```
   curl -X  GET https://un:pwd@subdomain.md-hq.com/api/v1/appointments/214
   ```

3. **Insert a new appointment**
   Endpoint: `/api/v1/appointments`
   Method: POST
   Arguments:
   - `start_date_time`: (required) Y-m-d H:i timestamp for the visit start date/time
   - `end_date_time`: (required) Y-m-d H:i timestamp for the visit end date/time

- **provider_ids**: (required) integer or array of integers for which providers and resources the appointment is for
- **pt_id**: (optional) integer for the ID of a specific patient to get appointments for.
- **appointment_type** (required) Valid Appointment Type ID
- **title** (required) The display title of the appointment
- **appointment_note** (required) String for accompanying note for the appoinment
- **status**: (optional) a string or an array to filter only appointments of specific statuses – these include: scheduled, confirmed, checked-in, in-room, cancelled, and possibly custom statuses set by your clinic. Defaults to "scheduled"

Sample Call:
```
curl --data '{"start_date_time":"2018-08-11 14:30","end_date_time":"2018-08-11
15:00","provider_ids":[8,14],"pt_id":2,"title":"Initial Visit",
"appointment_note":"John has been having headaches","appointment_type":"Office Visit"}'
-X  POST https://un:pwd@subdomain.md-hq.com/api/v1/appointments
```

4. **Update existing appointment**
   Endpoint: `/api/v1/appointments/:appointment_id`
   Method: PATCH
   Arguments:
   - Same as adding a new appointment

   Sample Call:
   ```
   curl --data '{"start_date_time":"2018-08-11 15:30","end_date_time":"2018-08-11
   16:00","appointment_note":"Needs to move appointment back by a couple of hours"}' -X
   PATCH https://un:pwd@subdomain.md-hq.com/api/v1/appointments/524563
   ```

5. **Delete/Remove existing appointment**
   Endpoint: `/api/v1/appointments/:appointment_id`
   Method: DELETE
   Arguments: [none]
   Notes: This method should be used to completely remove an appointment. If you are looking to Cancel an appointment please use the update endpoint and set the `status` to "cancelled"

   Sample Call:
   ```
   curl -X DELETE https://un:pwd@subdomain.md-hq.com/api/v1/appointments/542
   ```

6. **Get all appointment types**
   Endpoint: `/api/v1/appointment_types`
   Method: GET
   Arguments:
   - **limit**: (optional) defaults to 1000, but can be overridden (max is 1000)
   - **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

- `include_deleted`: (optional) if not empty, it will include appointment types which have been deleted/removed.

Sample Call:

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

Notes: If the `email_reminder_hrs_before` or `sms_reminder_hrs_before` values are less than zero, it means that they inheret the timing from the default practice settings