Help Document.

Introduction:

For accessing the below methods, the client(third party application) would need an access token.
For getting the access token, the client should reach out to the mailbox support team i.e, support@mdcharts.com.
That access token will be generated by the admin of EMR application and will be shared to the client over a secured email.
For generating token, client's name and IP address(machine with which api methods will be accessed) are needed.
Client can keep the token for all future requests. They should contact EMR admin, in case they need to change the token.
To access the help document, kindly visit the mentioned link:
https://docs.mdchartsportal.com/api/help_document.asp

MD Charts Web API Methods:

1. GetPatientID:

URL: https://docs.mdchartsportal.com/api/patientdata/patientid

Method Type: GET : Request type
Description: This method is used to retrieve the PatientID of a patient.

Parameters:

Parameters	Datatype	Optional/Required
firstName	string	Required
lastName	string	Required
gender	integer(1-Male, 2-Female,7-Unknown)	Required
dob	datetime(yyyy-mm-dd)	Required

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable and type: PatientID (string)

Error Response:
Code=[401 Unauthorized] Content= {error : “Invalid token: {token}” }
Code=[401 Unauthorized] Content= {error : “No client is registered with this IP: {IPAddress}” } Code=[401 Unauthorized] Content= {error : “ Invalid Authorization header” }
If multiple patients found in our Database, {error : “Multiple patients found” }
If no patient found in our Database, {error : “No patient found” }

Exception Message: Something went wrong, please try again after sometime.

2. GetPatientName:

URL: https://docs.mdchartsportal.com/api/patientdata/patientname

Method Type: GET : Request type
Description: This method is used to retrieve the full name of a patient.

Parameters:

Parameters	Datatype	Optional/Required
id	integer	Required

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : patientname
DataType of return variable: string

Error Response:
Code=[401 Unauthorized] Content= {error : “Invalid token: {token}” }
Code=[401 Unauthorized] Content= {error : “No client is registered with this IP: {IPAddress}” } Code=[401 Unauthorized] Content= {error : “ Invalid Authorization header” }
If multiple patients found in our Database, {error : “Multiple patients found” }
If no patient found in our Database, {error : “No patient found” }

Exception Message: Something went wrong, please try again after sometime.

Note: Before executing this method we need to generate the PatientID(id) using the 'GetPatientID'.

3. GetPatientGender:-

URL: https://docs.mdchartsportal.com/api/patientdata/patientgender

Method Type: GET : Request type
Description: This method is used to retrieve the Gender of a patient.

Parameters:

Parameters	Datatype	Optional/Required
id	integer	Required

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : genderStr
Return Type: Dictionary<string, string>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }

Exception Message: Something went wrong, please try again after sometime.

Note: Before executing this method we need to generate the PatientID(id) using the 'GetPatientID'.

4. GetPatientDOB:-

URL: https://docs.mdchartsportal.com/api/patientdata/patientdob

Method Type: GET : Request type
Description: This method is used to retrieve the DOB of a patient.

Parameters:

Parameters	Datatype	Optional/Required
id	integer	Required

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : dateOfBirth
Return Type: Dictionary<string, DateTime>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }

Exception Message: Something went wrong, please try again after sometime.

Note: Before executing this method we need to generate the PatientID(id) using the 'GetPatientID'.

5. GetPatientAllergies:-

URL: https://docs.mdchartsportal.com/api/patientdata/patientallergies
Method Type: GET : Request type
Description: This method is used to retrieve the allergies of a patient.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : allergy
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no allergy is available for the patient in our Database , {error : "Allergy details not available" }

Exception Message: Something went wrong, please try again after sometime.

6. GetSmokingStatus:-

URL: https://docs.mdchartsportal.com/api/patientdata/smokingstatus
Method Type: GET : Request type
Description: This method is used to retrieve the Smoking Status of a patient.

Parameters:

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : smokStatus
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid

Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no smoking status is available for the patient in our Database , {error : "No smoking status available for the day" }

Exception Message: Something went wrong, please try again after sometime.

7. GetRace:-

URL: https://docs.mdchartsportal.com/api/patientdata/race
Method Type: GET : Request type
Description: This method is used to retrieve the Race of a patient.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female,7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : patientrace
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no race is available for the patient in our Database , {error : "Race details

not available” }
Exception Message: Something went wrong, please try again after sometime.

8. GetEthnicity:-

URL: https://docs.mdchartsportal.com/api/patientdata/ethnicity
Method Type: GET : Request type
Description: This method is used to retrieve the Ethnicity of a patient.

Parameters:

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : patientethnicity
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : “Invalid token: {token}” }
Code=[401 Unauthorized] Content= {error : “No client is registered with this IP: {IPAddress}” } Code=[401 Unauthorized] Content= {error : “ Invalid Authorization header” }
If multiple patients found in our Database, {error : “Multiple patients found” }
If no patient found in our Database, {error : “No patient found” }
If no ethnicity is available for the patient in our Database , {error : “Ethnicity details not available” }

Exception Message: Something went wrong, please try again after sometime.

9. GetLanguage:-

URL: https://docs.mdchartsportal.com/api/patientdata/preferredlanguage
Method Type: GET : Request type
Description: This method is used to retrieve the Preferred Language of a patient.

Parameters:

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female,7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : prefLanguage
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no language is available for the patient in our Database , {error : "Language details not available" }

Exception Message: Something went wrong, please try again after sometime.

10. GetLabTest:-

URL: https://docs.mdchartsportal.com/api/patientdata/labtest
Method Type: GET : Request type
Description: This method is used to retrieve the lab test of a patient.

Parameters:

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female,7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : labtest
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no lab test is available for the patient in our Database , {error : "LabTest details not available" }

Exception Message: Something went wrong, please try again after sometime.

11. GetProcedures:-

URL: https://docs.mdchartsportal.com/api/patientdata/procedures
Method Type: GET : Request type
Description: This method is used to retrieve the procedures of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required

Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : procedureDetails
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no procedure is available for the patient in our Database , {error : "Procedures details not available" }

Exception Message: Something went wrong, please try again after sometime.

12. GetImmunizations:-

URL: https://docs.mdchartsportal.com/api/patientdata/immunizations
Method Type: GET : Request type
Description: This method is used to retrieve the immunizations of a patient for a specific date or a date range.

Parameters	**Datatype**	**Optional/Required**
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female,7-unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : vaccinations
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no immunization is available for the patient in our Database , {error : "Immunization details not available" }

Exception Message: Something went wrong, please try again after sometime.

13. GetCarePlanDetails:-

URL: https://docs.mdchartsportal.com/api/patientdata/careplandetails
Method Type: GET : Request type
Description: This method is used to retrieve the care plan details of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : careplandetails
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no careplan is available for the patient in our Database , {error : "Careplan details not available" }
Exception Message: Something went wrong, please try again after sometime.

14. GetProblems:-

URL: https://docs.mdchartsportal.com/api/patientdata/problems
Method Type: GET : Request type
Description: This method is used to retrieve the problems of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : problemdetails
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients

found” }
If no patient found in our Database, {error : “No patient found” }
If no problem is available for the patient in our Database , {error : “problem details not available” }

Exception Message: Something went wrong, please try again after sometime.

15. GetVitals:-

URL: https://docs.mdchartsportal.com/api/patientdata/vitals
Method Type: GET : Request type
Description: This method is used to retrieve the vitals of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : vitals
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : “Invalid token: {token}” }
Code=[401 Unauthorized] Content= {error : “No client is registered with this IP: {IPAddress}” } Code=[401 Unauthorized] Content= {error : “ Invalid Authorization header” }
If multiple patients found in our Database, {error : “Multiple patients found” }
If no patient found in our Database, {error : “No patient found” }
If no vital is available for the patient in our Database , {error : “Vitals details not available” }

Exception Message: Something went wrong, please try again after sometime.

16. GetLabTestResult:-

URL: https://docs.mdchartsportal.com/api/patientdata/labtestresult
Method Type: GET : Request type
Description: This method is used to retrieve the lab test results of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : labResults
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no lab test result is available for the patient in our Database , {error : "LabTest results details not available" }

Exception Message: Something went wrong, please try again after sometime.

17. GetHealthConcerns:-

URL: https://docs.mdchartsportal.com/api/patientdata/healthconcerns
Method Type: GET : Request type
Description: This method is used to retrieve the health concerns details of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : healthconcerns
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no health concern is available for the patient in our Database , {error : "Health concern details not available" }

Exception Message: Something went wrong, please try again after sometime.

18. GetGoals:-

URL: https://docs.mdchartsportal.com/api/patientdata/goals
Method Type: GET : Request type
Description: This method is used to retrieve the goals of a patient for a specific date or a date

range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : goals
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no goal detail is available for the patient in our Database , {error : "Goal details not available" }

Exception Message: Something went wrong, please try again after sometime.

19. GetCareTeamMembers:-

URL: https://docs.mdchartsportal.com/api/patientdata/careteammembers
Method Type: GET : Request type
Description: This method is used to retrieve the care team members of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required

Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : careteammemberdetails
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no CareTeamMember detail is available for the patient in our Database , {error : " CareTeamMember details not available" }

Exception Message: Something went wrong, please try again after sometime.

20. GetUDI:-

URL: https://docs.mdchartsportal.com/api/patientdata/udi
Method Type: GET : Request type
Description: This method is used to retrieve the Unique device identifiers of a patient for a specific date or a date range.

Parameters	**Datatype**	**Optional/Required**
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : udidetails
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no UDI detail is available for the patient in our Database , {error : " UDI details not available" }

Exception Message: Something went wrong, please try again after sometime.

21. GetImplantableDevices:-

URL: https://docs.mdchartsportal.com/api/patientdata/implantabledevices
Method Type: GET : Request type
Description: This method is used to retrieve the implantable devices of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	datetime(yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : implantabledevices
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }
Code=[401 Unauthorized] Content= {error : "No client is registered with this IP: {IPAddress}" } Code=[401 Unauthorized] Content= {error : " Invalid Authorization header" }
If multiple patients found in our Database, {error : "Multiple patients found" }
If no patient found in our Database, {error : "No patient found" }
If no ImplantableDevices detail is available for the patient in our Database , {error : " ImplantableDevices details not available" }

Exception Message: Something went wrong, please try again after sometime.

22. GetMedicationDetails:-

URL: https://docs.mdchartsportal.com/api/patientdata/medications
Method Type: GET : Request type
Description: This method is used to retrieve the medication details of a patient for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	Datetime (yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable : medication
Return Type: List<KeyValuePair<string, string>>

Error Response:
Code=[401 Unauthorized] Content= {error : "Invalid token: {token}" }

Code=[401 Unauthorized] Content= {error : “No client is registered with this IP: {IPAddress}” } Code=[401 Unauthorized] Content= {error : “ Invalid Authorization header” }
If multiple patients found in our Database, {error : “Multiple patients found” }
If no patient found in our Database, {error : “No patient found” }
If no Medication detail is available for the patient in our Database , {error : “ Medication details not available” }

Exception Message: Something went wrong, please try again after sometime.

23. GetCCDAdataByDateRange:-

URL: https://docs.mdchartsportal.com/api/patientdata/CCDAdataRange
Method Type: GET : Request type
Description: This method is used to retrieve all the details of a patient in a CCDA format for a specific date or a date range.

Parameters	Datatype	Optional/Required
Firstname	string	Required
Lastname	string	Required
Gender	integer(1-Male, 2-Female, 7-Unknown)	Required
DOB	Datetime (yyyy-mm-dd)	Required
fromDate	string(yyyy-mm-dd)	optional
toDate	string(yyyy-mm-dd)	optional

Authentication: Bearer Token to be passed in the request header of all the requests. For getting the access token kindly follow the steps mentioned in the Introduction section of this document.

Return variable and Type: HttpResponseMessage

Error Response:
Code=[401 Unauthorized] Content= {error : “Invalid token: {token}” }
Code=[401 Unauthorized] Content= {error : “No client is registered with this IP: {IPAddress}” } Code=[401 Unauthorized] Content= {error : “ Invalid Authorization header” }
If multiple patients found in our Database, {error : “Multiple patients found” }
If no patient found in our Database, {error : “No patient found” }
If no CCDA detail is available for the patient in our Database , {error : “ No CCDA record found for the patient for the requested day” }

Exception Message: Something went wrong, please try again after sometime.

Developer Agreement:

Please read the Terms and Conditions carefully before accessing/using the APIs. By using the API, you are agreeing that you have read , and that you agree to comply
and to be bound by the terms and conditions of this agreement and all applicable laws and regulations in their entirely and without limitation. If you do not agree to be bound by this agreement, then you my not access or otherwise use the API.

If you are an individual representing an entity, you acknowledge that you have the appropriate authority to accept this agreement on behalf of such entity. You may not use the API and may not accept this agreement if you are not of legal age to form a binding contract with MD charts, or you are barred from using or consuming the API under applicable law.
If you disagree with any part of the terms, then you may not access our API.
The terms and conditions of API can be revised.

Section 1: Account and Registration

Accepting the Terms

You may not use the APIs and may not accept the Terms if (a) you are not of legal age to form a binding contract with MD Charts, or (b) you are a person barred from using the APIs under the applicable laws of the United States or other countries including the country in which you are resident or from which you use the APIs.

Registration

In order to access certain APIs you may be required to provide certain information (such as identification , contact details, machine IP address etc) as part of the registration process for the APIs, or as part of your continued use of the APIs. Any registration information you give to MD Charts will always be accurate and up to date.

Section 2: Using Our APIs

Your End Users

You will require your end users to comply with (and not knowingly enable them to violate) applicable law, regulation, and the Terms.

Compliance with Law, Third Party Rights, and Other MD Charts Terms of Service

You will comply with all applicable law, regulation, and third party rights (including without limitation laws regarding the import or export of data or software, privacy, and local laws). You will not use the APIs to encourage or promote illegal activity or violation of third party rights. You will not violate any other terms of service with MD Charts (or its affiliates).

Permitted Access

You will only access (or attempt to access) an API by the means described in the documentation of that API. If MD Charts assigns you developer credentials (e.g. client IDs), you must use them with the applicable APIs. You will not misrepresent or mask either your identity or your API Client's identity when using the APIs or developer accounts.

Section 3: API Clients

API Clients and Monitoring

The APIs are designed to help you enhance MD Charts client applications. YOU AGREE THAT MD Charts MAY MONITOR USE OF THE APIS TO ENSURE QUALITY, IMPROVE MD Charts PRODUCTS AND SERVICES, AND VERIFY YOUR COMPLIANCE WITH THE TERMS. This monitoring may include MD Charts accessing and using your API Client, for example to identify security issues that could affect MD Charts or its users. You will not interfere with this monitoring. MD Charts may use any technical means to overcome such interference. MD Charts may suspend access to the APIs by you or your API Client without notice if we reasonably believe that you are in violation of the Terms.

Confidentiality and Security. You are responsible for maintaining the confidentiality and security of the EHR Data that you access through the API. You agree immediately to notify MDCharts of (a) any unauthorized access, use or disclosure of EHR Data of which you become aware and (b) any breach of security of the MDCharts of which you become aware. You will protect the

confidentiality and security of EHR Data and other user information collected by Your Product, including personally identifiable information ("**PII**"), from unauthorized access or use and will promptly notify Authorized Users of any unauthorized access or use of any such information to the extent required by applicable laws, rules or regulations.

Ownership

MD Charts does not acquire ownership in API Clients, and by using our APIs, you do not acquire ownership of any rights in our APIs or the content that is accessed through our APIs.

Client Configuration:

Instructions to configure the Client - Postman to consume the MDCharts API

Steps:

1. Start your API client (ie, Postman/7.19.0)
2. Enter any of the example URLs at right with HTTP Request as GET
3. Click the Authorization Tab and select the "Bearer Token" from the dropdown menu
4. Enter the token in the Token section
5. Click the Params tab and then enter the parameters in key and value section
6. Click the Send Button to retrieve the requested resources

Note: For accessing the APIs, client should accept the Bearer Access Token.