# **Getting started with our APIs via Postman**

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We will review connecting with DrChrono's APIs using Postman. Before we start download Postman here: https://www.postman.com/downloads/

If you have not set up an API application in your account, please review our article, "DrChrono API Application". A complete Postman collection of our APIs is at the bottom of this page.

## Authorization

[If you are using our DrChrono Postman Collection skip to the Authorization tab from the collection's overview screen. Fill out the configure token section using the table below]

Let's begin by opening Postman and creating a collection. Navigate to the left-hand side of the page and select "Create Collection".



Once the collection is created, navigate to the tabs from the collection's overview screen. Select the "Authorization" tab, and choose "OAUTH 2.0" from the "Auth Type" dropdown box.

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은 DrChron	to API New Import	New Collection +-	✓ 🕅 No environment ✓ 🗒		
Collections	+ =	New Collection	🖺 Save 🕨 Run 😵 Fork 0 Share 🚥		
Collections Environments So Afris History BT	<ul> <li>New Collection</li> <li>This collection is empty Add a request to start working.</li> </ul>	Authorization       Scripts       Variables       Runs         This authorization method will be used for every request in this collection. You can override this by specifying one in the request.         Auth Type         No Auth       Image: Collection of the request			

#### Under the "Configure New Token" section, please fill out the following:

Token Name	This can be anything. EX: Token A
Grant Type	Leave as is
Callback URL	https://oauth.pstmn.io/v1/browser-callback [This should match the 'Redirect URIs' box from the DrChrono API page. Found in Account > API.]
Auth URL	https://drchrono.com/o/authorize/
Access Token URL	https://drchrono.com/o/token/
Client ID	From the DrChrono API Page
Client Secret	From the DrChrono API Page
Scope	labs:read labs:write messages:read messages:write patients:read patients:write patients:summary:read patients:summary:write settings:read settings:write tasks:read tasks:write user:read user:write billing:patient-payment:read billing:patient-payment:write billing:read billing:write calendar:read calendar:write clinical:read clinical:write
State	Leave as is
Client Authenticatior	Leave as is

Once everything is filled, select the orange button at the bottom of the page - "Get New Access Token".

Configure New Token			
Token Name	My Token		
Grant type	Authorization Code ~		
Callback URL (1)	https://www.getpostman.com/oauth		
	Authorize using browser		
Auth URL ④	https://drchrono.com/o/authorize/		
Access Token URL ①	https://drchrono.com/o/token/		
Client ID ④	123456		
Client Secret ④	123456		
Scope ()	labs:read labs:write messages:read i		
State ①	State		
Client Authentication ④	Send as Basic Auth header v		
> Advanced			
🛞 Clear cookies 🚯			
Get New Access Token			

You will be redirected to a prompt box to sign into DrChrono and then redirected to another screen to authorize the connection...select "Authorize"

Congratulations! You received Access and Refresh Tokens. Select "Use Token" to set the access token to your collection.

MANAGE ACCESS TOKENS		X
All Tokens Delete 🗸	Token Details	Use Token
My Token		
	Token Name	My Token 🖋
	Access Token	ljx5XdypuwJ8eCHkBxRKDlbz97Cvab
	Token Type	Bearer
	expires_in	172800
	refresh_token	dLj2smh5qHQeM3nOYquWno9nRWXIDB

### **First API Request**

The first call will be to our USERS API endpoint, specifically *https://app.drchrono.com/api/users/current*. This endpoint will provide the connected DrChrono API user.

Your browser does not support HTML5 video.

## **Alternative Configuration:**

Instead of creating a collection, you can configure a connection from the request level.

To start, select the "New" or "+" button. If you select "New" you will be prompted to choose a specific method, select HTTP. If you select the "+" icon, Postman will automatically create a new HTTP request.



From the new request, navigate to the Authorization tab and configure the new token then select "Get New Access Token".

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2 Unitided Request			E Save	~ Share
GET v Enter URL or paste text				Send ~
Params Authorization • Headers (7) Body Scripts Tests Settings				Cookies
Auth Type	Current Token			
OAuth 2.0 v	Token	Available Tokens ~		
The authorization data will be automatically generated when you send the request. Learn more about OAuth 2.0	Header Prefix ①	Token		
authorization. Add authorization data to Request Headers		Bearer		
	Auto-refresh Token Your expired token will be auto-refreshed before se	nding a request.		
	Share Token This will allow anyone with access to this request to	view and use it.		
	Configure New Token			
	Token Name	Enter a token name		
	Grant type	Authorization Code v		
	Callback URL ①	http://your-application.com/registered/callbac		
		Authorize using browser		
	Auth URL ①	https://example.com/login/oauth/authorize		
	Access Token URL ③	https://example.com/login/oauth/access_toke		
	Client ID ①	Client ID		
	Client Secret ()	Client Secret		
	Scope ③	e.g. read:org		
	State ③	State		
	Client Authentication ①	Send as Basic Auth header		
	> Advanced			
	() Clear cookies			
	Get New Access Token			

### **Refresh Method**

This method will help automate the process of grabbing new access tokens. The access token has an expiration time of 48 hours. The refresh token does not expire, the refresh token only invalidates if you go through the OAuth process again with the same DrChrono user or utilize the /o/revoke\_token endpoint.

#### Here is a Python snippet depicting the refresh method.

import requests
url = "https://drchrono.com/o/token/"
payload = 'client_id=1234&client_secret=1234&grant_type=refresh_token&refresh_token=1234' headers = { 'Content-Type': 'application/x-www-form-urlencoded' }
response = requests.request("POST", url, headers=headers, data=payload)
print(response.text)

Let's also take a look at this in Postman. (To note, authorization can be set to 'No Auth' since we are grabbing a new bearer token.)

POST	OST v https://drchrono.com/o/token/				
Params	Params Authorization Headers (10) Body • Scripts Settings				
$\bigcirc$ non	○ none ○ form-data <b>○</b> x-www-form-urlencoded ○ raw ○ binary ○ GraphQL				
	Key	Value	Description	HIK Edit	
	client_id	123456			
	client_secret	123456			
	grant_type	refresh_token			
	refresh_token	123456			
	Key	Value	Description		

I hope this information was useful! If you have any questions please reach out to api@drchrono.com

#### References

https://app.drchrono.com/api-docs/#section/Introduction

https://app.drchrono.com/api-docs-old/v4/documentation#orevoke\_token

https://learning.postman.com/docs/getting-started/importing-and-exporting/importing-data/

#### **DrChrono Postman Collection**

(NEW as of 3/20/25)

DrChrono API Collection.postman\_collection.json @