

CareRight URL Interface - Patient Images

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Document Summary

This document describes the capability to request patient images via http or https web requests.

Authentication

All requests must contain an API key which is assigned in the CareRight administrative configuration using the global setting "Patient Image Key". This will be different for all installations of CareRight.

The API Token shall is required to be sent using HTTP Authentication headers with authorisation mode of Bearer as per <https://datatracker.ietf.org/doc/html/rfc6750>

NOTE: For legacy application support you can pass the key using HTTP Authentication headers with authorisation mode of Token as per <https://tools.ietf.org/html/draft-hammer-http-token-auth-01>

Authentication failures will result in a 401 - Unauthorized status code response.

Patient Image Request

The patient image uRL will be in the format of

[http|https]://<host>/patient_api_image/<mrn>

<host> = The server running careright. Can be domain name or ip address

<mrn> = The MRN identifier of the patient you want the patient image for.

The following URL query string parameter is also supported.

<size> = one of the following sizes in the format of widthxheight in pixels:

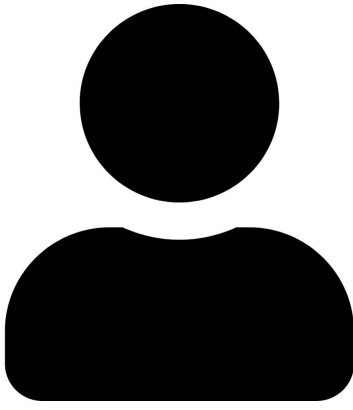
- 100x100
- 500x500
- 1000x1000

If no <size> parameter is supplied then the system will use 100x100

If the request is successful a JPEG image is returned.

If the patient has a current patient picture set then this is what will be returned at the requested size.

If the patient has no current picture set then a generic person's head mage will be returned at the requested size. This picture is seeded in with the code 'patDef' and can be modified by the user in Admin > Correspondence > Images. This is currently set to the following image, but may change at any time.



If the request fails the following HTTP status codes are returned:

- 401 - Authorisation failure
- 404 - Patient not found with requested MRN
- 500 - The server has encountered a situation it doesn't know how to handle

Overriding Default Image

The default image to use when the patient has no specific picture can be changed by uploading a new image in the Administration > Correspondence > Images page and selecting the image with the identifier "patDef".

Example Request

The following as an example request using cUrl application to request the image of a patient with the MRN of "000509".

Using "Bearer" auth:

```
curl -H "Authorization: Bearer f33c9b68-b20a-456a-8fc0-219ef4e0030d" -H "Accept: image/jpeg" http://cr.test.clintelsystems.com/patient_api_image/000509?size=1000x1000 --output test1.jpg
```

Legacy "Token" auth:

```
curl -H "Authorization: Token token=f33c9b68-b20a-456a-8fc0-219ef4e0030d" -H "Accept: image/jpeg" http://cr.test.clintelsystems.com/patient_api_image/000509?size=1000x1000 --output test1.jpg
```