

NBIA WADO API User Guide

The NBIA Web Access to DICOM Objects (WADO) API is an extension of the REST API that allows image retrieval. For more information about formatting requests and security, see the [NBIA REST API Guides](#). For details on each parameter and how to use WADO, see the [WADO Specification](#). The following table lists the attributes that the NBIA WADO API supports.

Parameter	Required
requestType	Yes
studyUID	Yes
seriesUID	Yes
objectUID	Yes
contentType	No
rows	No
columns	No
region	No
windowCenter	No
windowWidth	No
frameNumber	No
imageQuality	No

Example WADO Call

```
curl -H "Authorization:Bearer 5fb31a78-60d5-4645-b415-9633fd7a77ff" -k "https://public-dev.cancerimagingarchive.net/nbia-api/services/getWado" -d "seriesUID=1.3.6.1.4.1.14519.5.2.1.3023.4024.536949365601910993926257264114&objectUID=1.3.6.1.4.1.14519.5.2.1.3023.4024.822829852603295162591249163632&studyUID=1.3.6.1.4.1.14519.5.2.1.3023.4024.215308722288168917637555384485&requestType=WADO"
```

WADO v1 API

This API allows the retrieval of an image without a token.

For information about parameters and how to use WADO, see the [WADO Specification](#). The following table lists the attributes that the NBIA WADO API supports.

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requestType	Yes
studyUID	Yes
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windowCenter	No
windowWidth	No

frameNumber	No
imageQuality	No

Example WADO Call

```
http://localhost:8080/nbia-api/services/v1/wado?requestType=WADO&studyUID=9999.240485997311278841349744799381613841880&seriesUID=9999.286604908682648966415774572891837946&objectUID=9999.303597443592981901792680796557741974250&contentType=application/dicom
```