

Application Manual

Kenneth Ng
Kng66@gatech.edu

1 NAVIGATION BAR

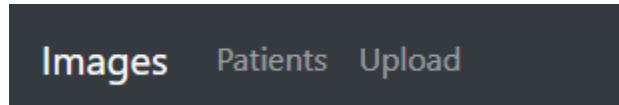


Figure 1—Navigation bar.

The Patients icon will display all the patients in a table.

The Upload icon will allow users to upload Imaging Study text file to the FHIR server.

2 VIEW PATIENT'S IMAGES

Patients

ID	First Name	Last Name	DOB	Gender
siimravi	Ravi	SIIM	1941-03-31	male
siimneela	Neela	SIIM	1950-04-28	female
siimsally	Sally	SIIM	1950-04-12	female
siimjoe	Joe	SIIM	1926-03-30	male
siimandy	Andy	SIIM	1926-04-01	male
SHC001	ONE	HEMATOMA	1928-09-02	male
C19002	TWO	COVID19	1951-01-05	male
PNC003	CR	PULMONARY	1882-03-16	female
C19001	ONE	COVID19	1975-02-05	female
PNC002	TWO	NODULES	1887-12-28	male

Figure 2—Patient's page.

Patient's page display all the patients on the FHIR server to view their imaging studies.

Ravi SIIM

Gender: male

Date of Birth: 1941-03-31

ID	Description	Started	Number of Series	Number of Instances
a819497684894128	CT Chest	2000-01-01	1	116
a819497684894127	Chest PA	2000-01-01	1	1
a819497684894126	CT Chest	2000-01-01	1	127

Figure 3—Patient's Imaging Study page.

No ImageStudy

Figure 4— Patient's Imaging Study page without images.

Select one of the patients and it will populate the patient's imagingstudy history or it will display "No imageStudy".

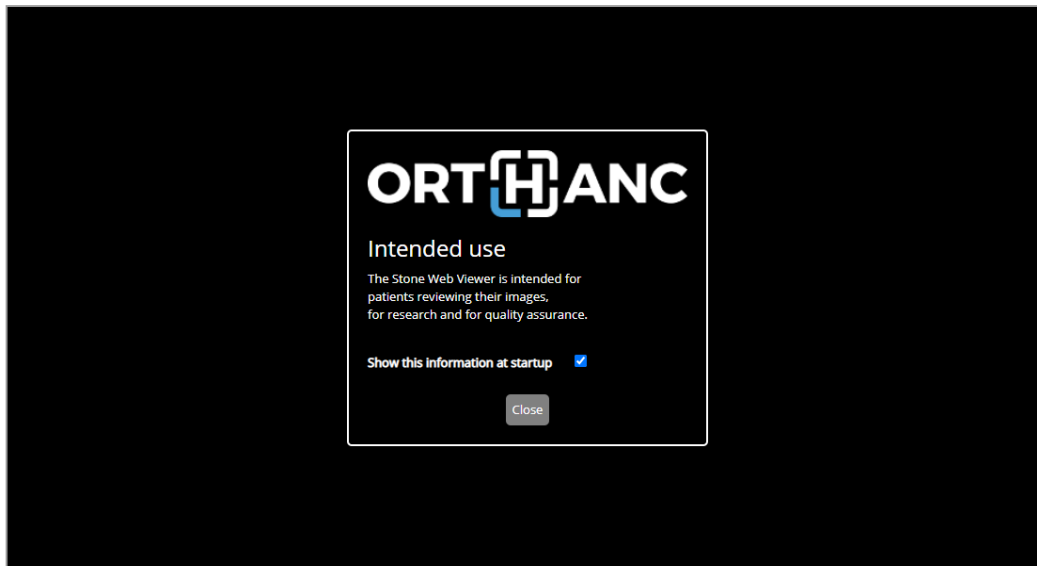


Figure 5— Patient's view Imaging Study page with Othanc.

Select one of the imagestudy from the patient and the Othanc will appear to view the images.

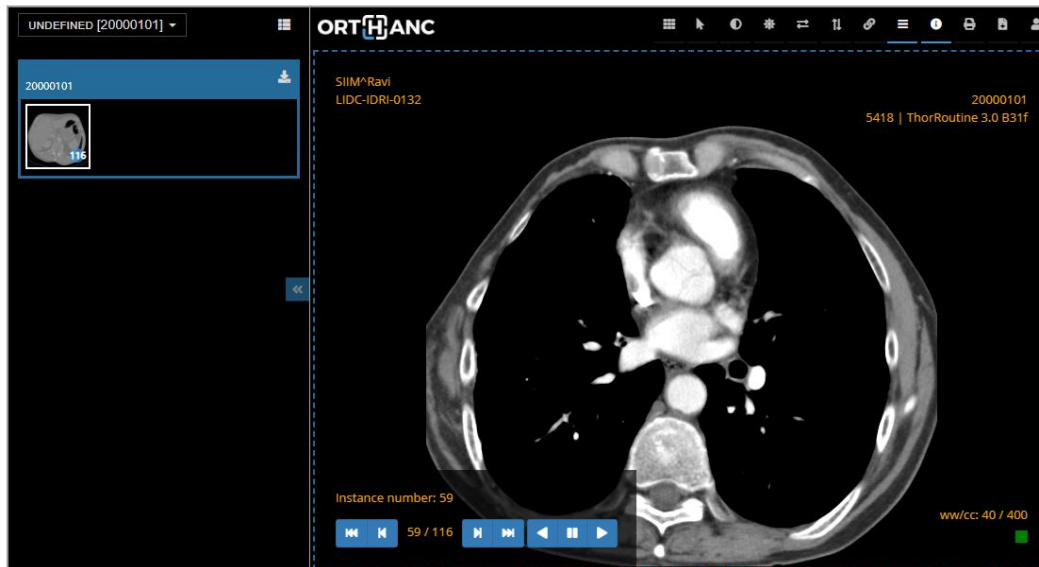


Figure 6— Patient's view Imaging Study page with Orthanc.

Hold and Drag the images series to the center. Then scroll through the images and use different feature from Orthanc

3 UPLOAD DICOM TEXT FILE

Select the upload icon from the navigation bar.

Upload ImageStudy Text File

No file chosen

Figure 7— Upload page detail.

Choose one of the dataset from the repository and submit. Navigate to the patient which you have submitted their imagingstudy and a new one should appear.