



Semal Patrick ¹, Mathys Aurore ^{2,3,1}, Brecko Jonathan ^{1,2}, Tara Chapman ^{1,5}, Pollet Yann ¹, Herpers Jean-Marc ¹, Theeten Franck ², Van den Spiegel Didier ², Caroline Tilleux ⁴, Angenon Els ⁴ & Jodogne Sébastien ⁶



SERVEUR(S)

- Open source, Digital Public Goods de l'ONU



- Serveur mutiplateformes : Windows, macOS, Linux
- Installation avec sources ou Image Docker
- Scripts pour préparer les DICOM
- Métadonnées DICOM dans BD SQL
- Fichiers sur différents serveurs fichiers (local, serveur institution, cloud)

Other

- Code repository
- Browse all downloads
- Linux Standard Base
- Vanilla Docker
- Docker for ops

Packages

- Orthanc for Debian
- Orthanc for Ubuntu
- Orthanc for openSUSE
- Orthanc for FreeBSD

CLIENT

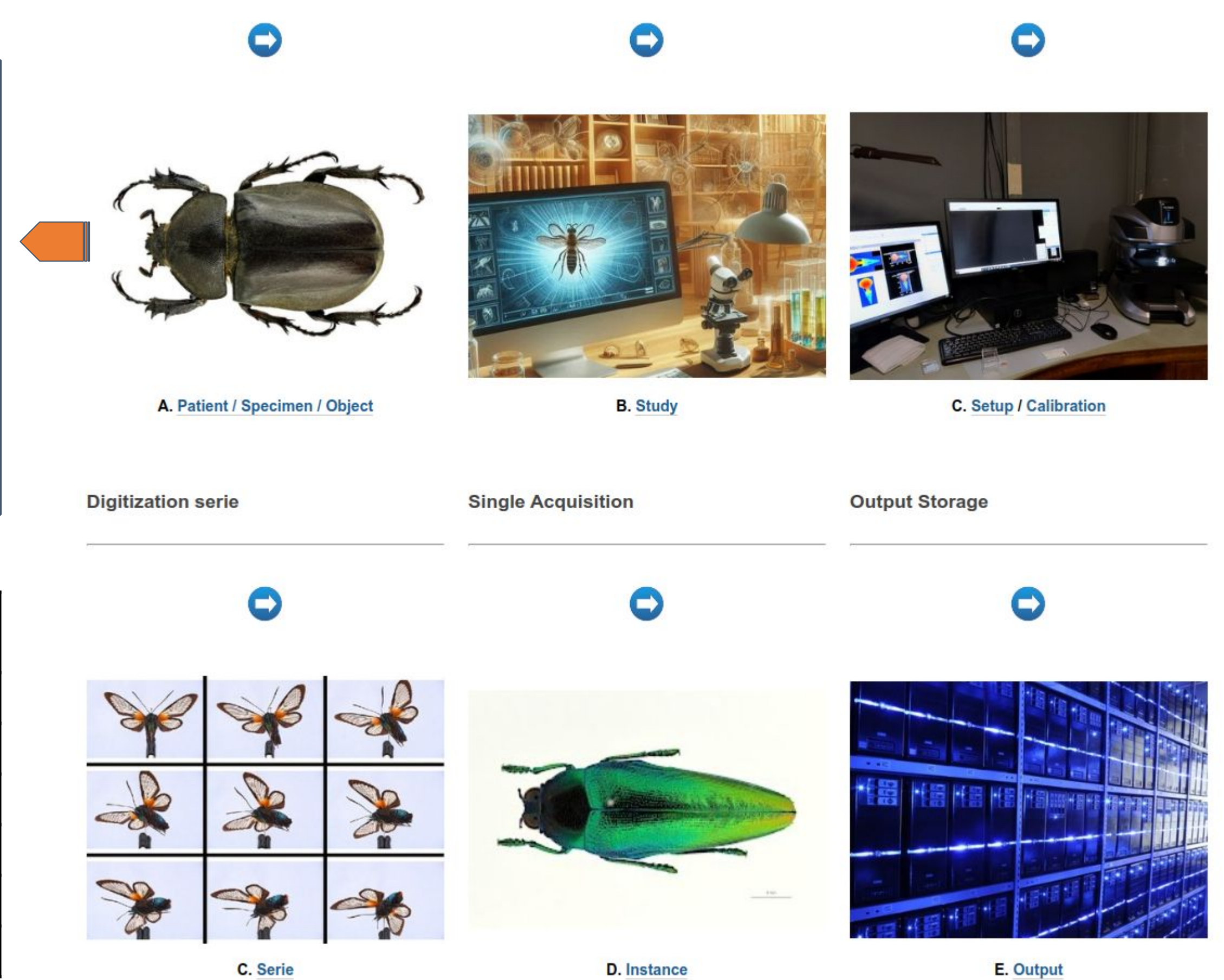
- Pas d'installation client (Browser)
- Rest API (machines et AI)
- Plugins (visualisation et mesures / humains)
- inclusions dans sites web et CMS (IFrames)
- Support commercial possible

MULTIMÉDIA

- Images (jpg, png, TIFF) & IIIF viewers
- 3D surfacique (STL, OBJ/NXS/NXZ)
- CT médical (DICOM)
- MicroCT (DICOM, TIFF, jpg)
- PDF



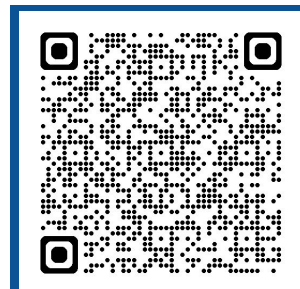
Items	tags
Curator/collection manager	A. Patient, W. All
Person in charge of the specimen (Curator, Conservator Collection manager) at the date of the digitisation.	A. Patient, W. All
OtherPatientIDs	A. Patient, W. All
Other codes used to define the specimen / object in inventories or databases	A. Patient, W. All
PatientBirthDate	A. Patient, W. All
Date of creation of the object	A. Patient, W. All
Sex	A. Patient, W. All
Sex of the Specimen	A. Patient, W. All
Size	A. Patient, W. All
Length or size of the specimen/object, in meters.	A. Patient, W. All
Specimen / Object ID	A. Patient, W. All
UID of the specimen in the Collection Management System	A. Patient, W. All
Specimen / Object Name	A. Patient, W. All
Name of the specimen in the Collection Management System	A. Patient, W. All



Catégorie	Métadonnées DICOM
Patient / Spécimen	7
Étude(s)	10
Équipement de numérisation et calibration	8
Série(s) (toutes techniques de numérisation)	55
Instance(s) (toute image et fichier)	25
Format Sortie	4

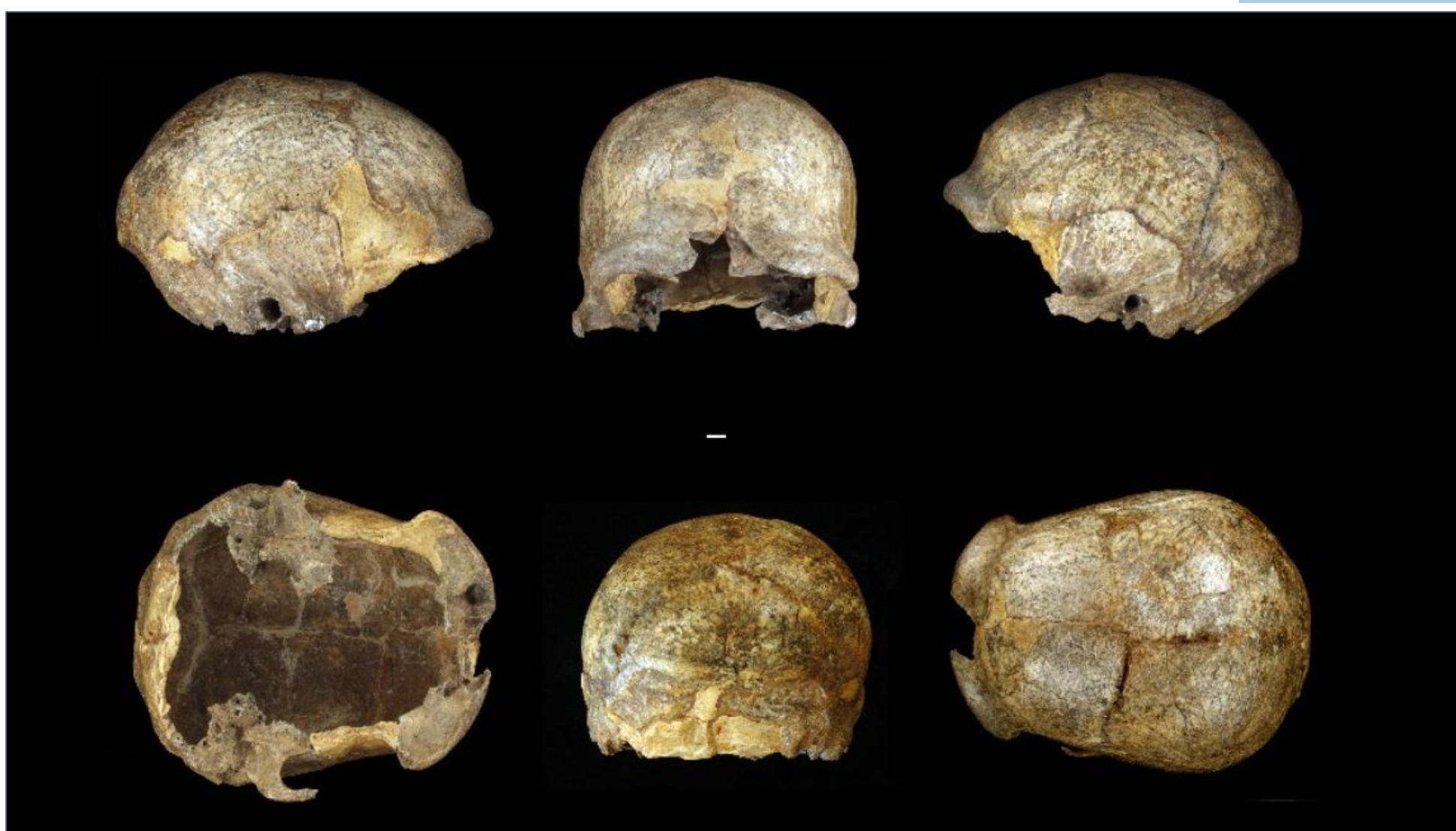
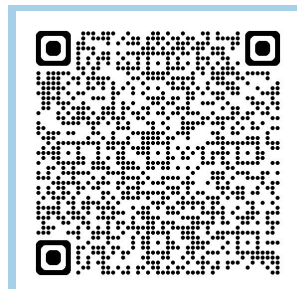
Images 2D (viewer ORTHANC)

4032px X 2643px



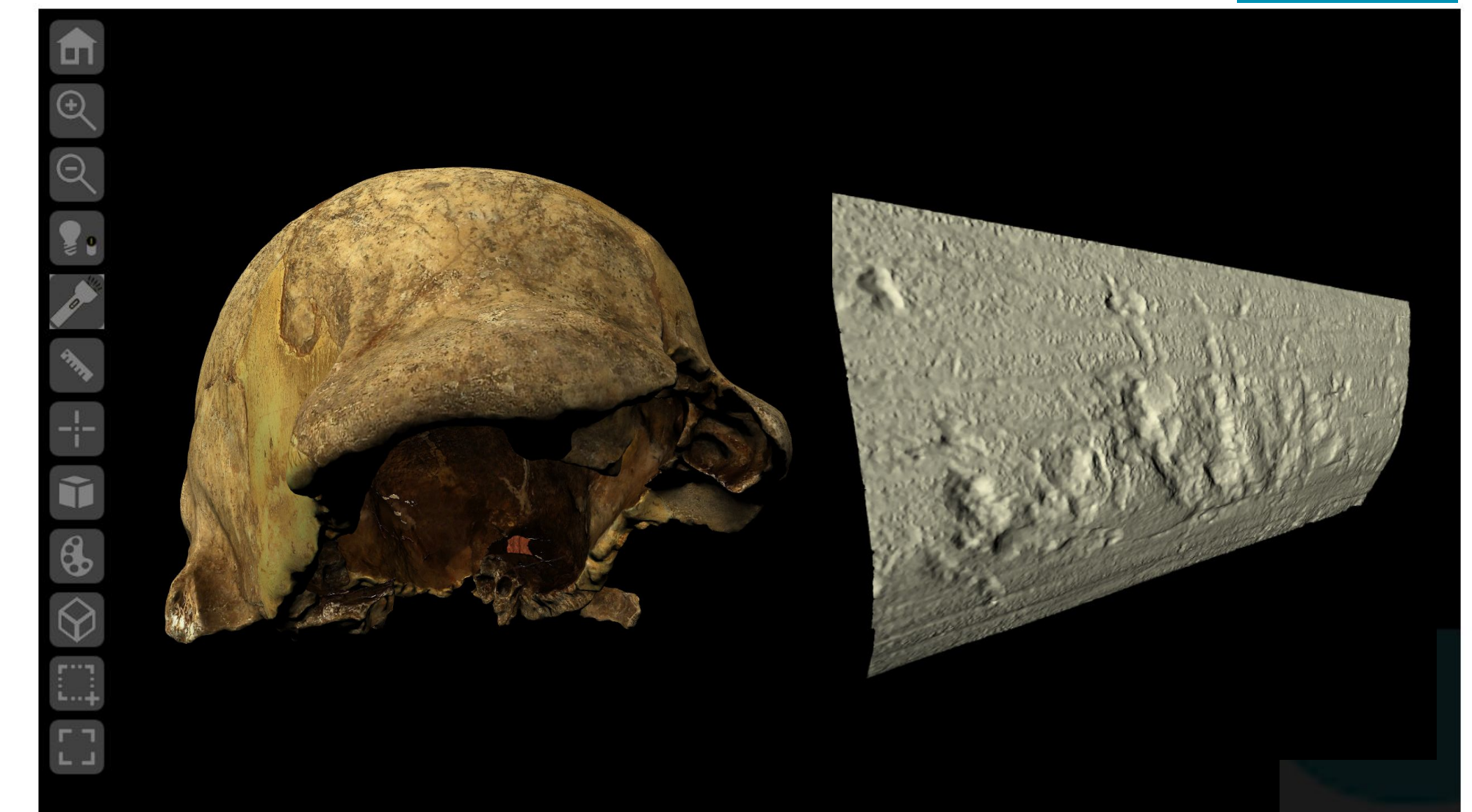
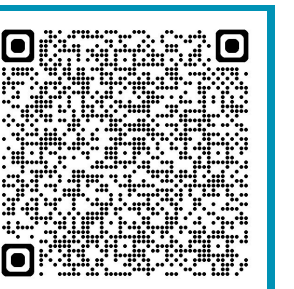
Images multi-résolutions (viewer ORTHANC ou IIIF)

14043px X 9933px



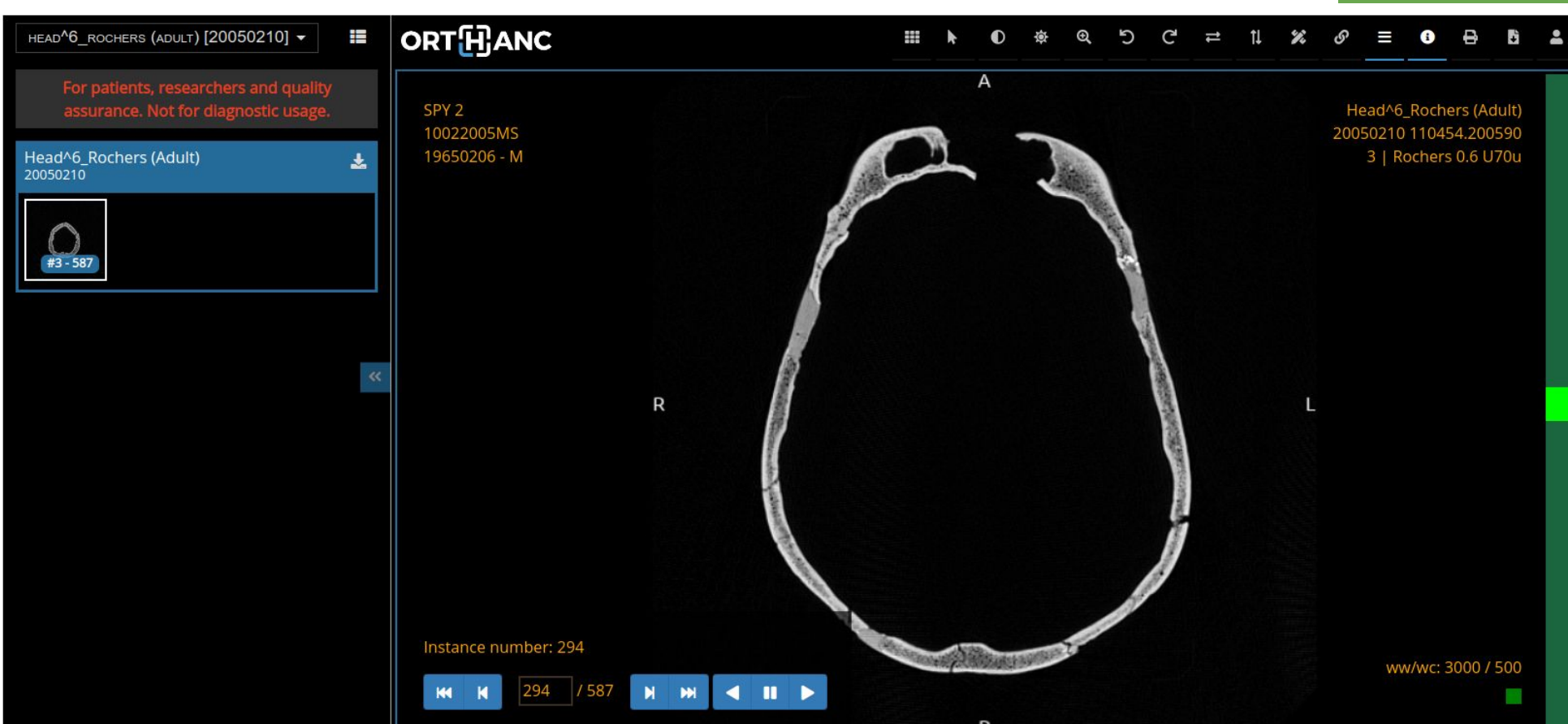
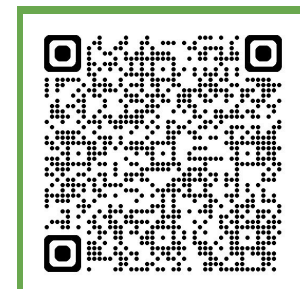
Données surfaciques texturées ou non (viewer 3D HOP)

3DHOP view



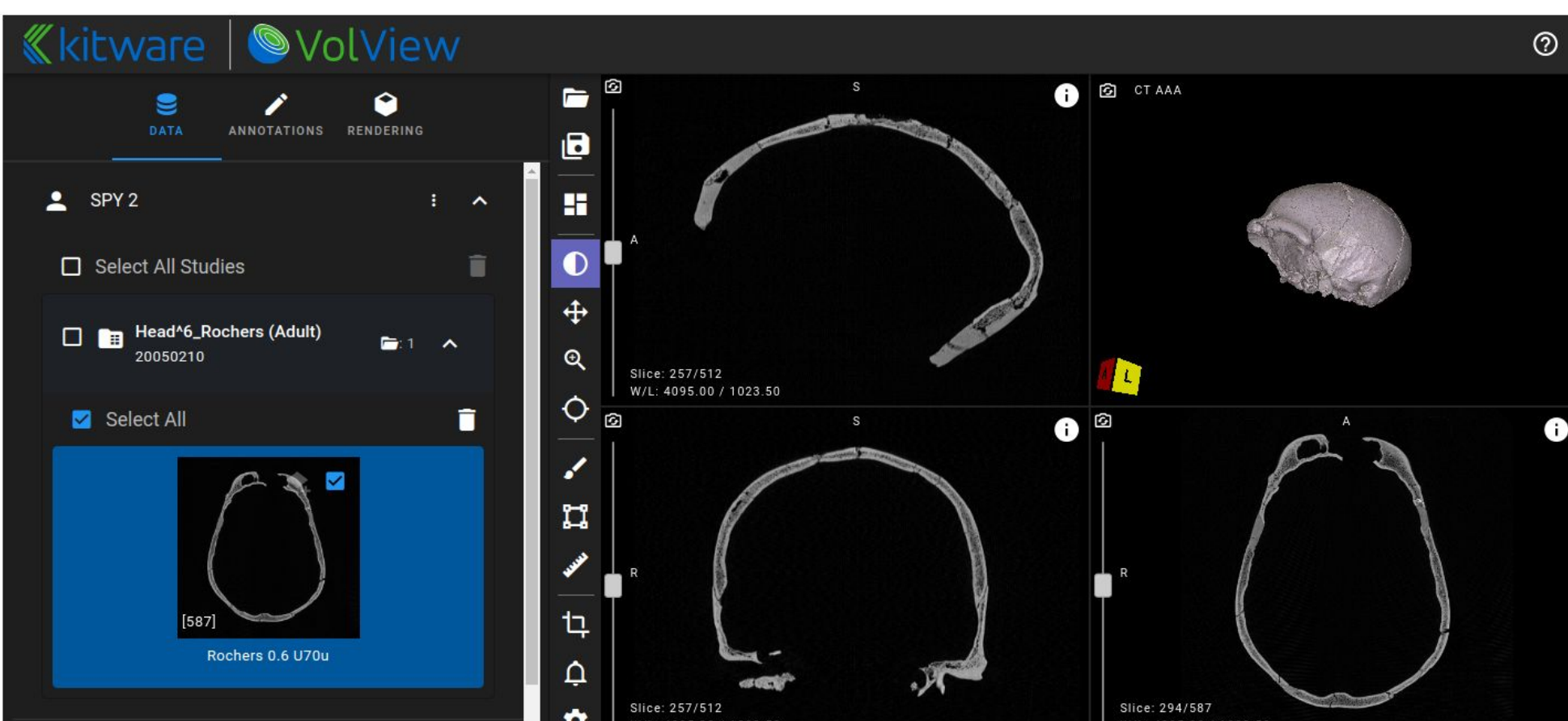
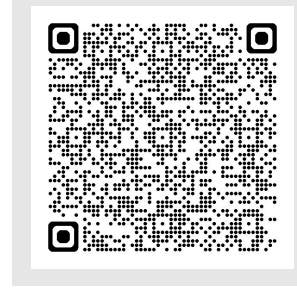
Données Computed Tomography (plugin 2D Stone Web)

ORTHANC CT 2D view



Données Computed Tomography (plugin 3D VolView)

ORTHANC CT 3D view



Données Micro Tomography (plugin 3D VolView)

