

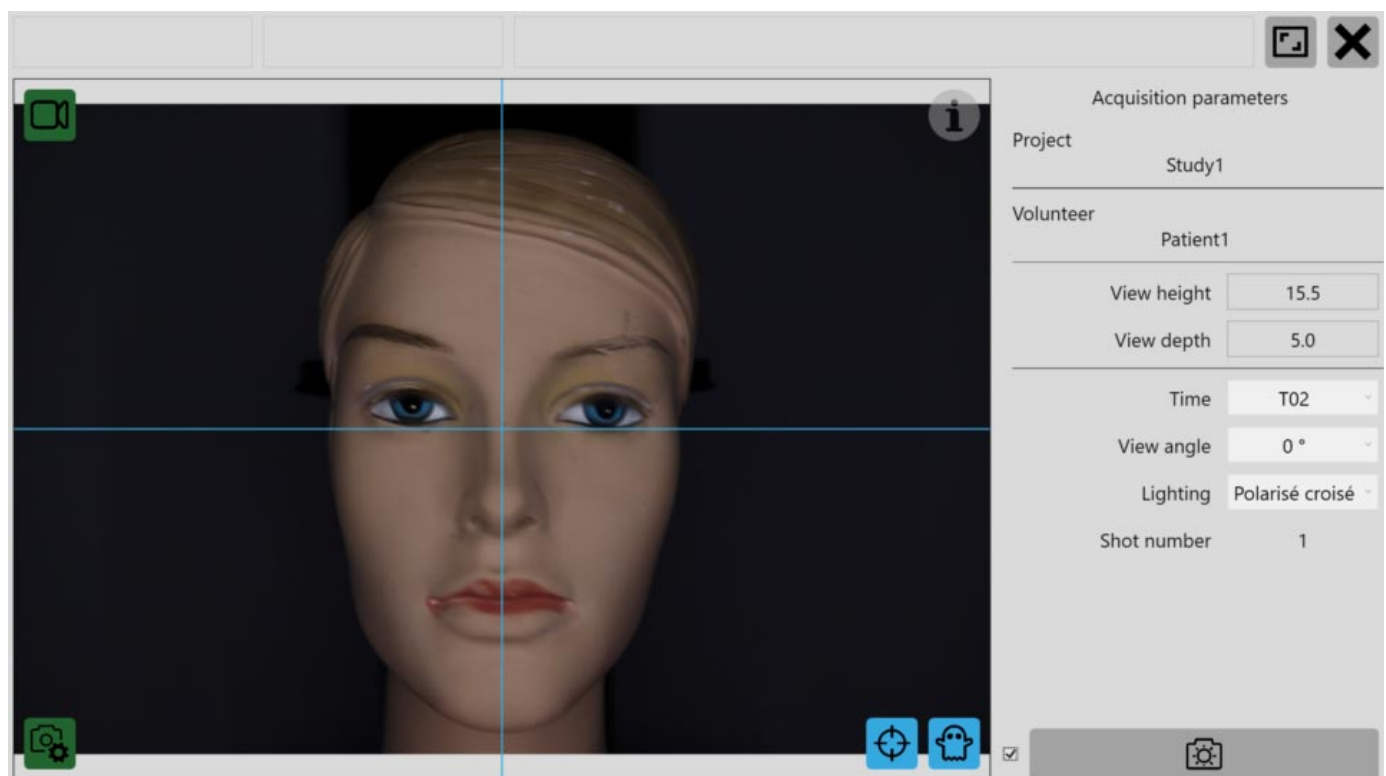
Revelare

Presentation

The Revelare software is dedicated to taking photographs with the CBright bench. Its architecture is based on a database that includes users, studies or projects, volunteers or patients and images. It allows to easily manage the panel of volunteers in different studies at the required shooting times. The resulting photos can be analyzed with image analysis software.

User interface

- Available in French and English, in light or dark mode
- Its appearance is purposefully simple and navigation is intuitive (with the help of tooltips).
- The shooting process guides the user from volunteer selection to photo validation.



Acquisition page

Features

Rights management can be defined according to 3 levels:

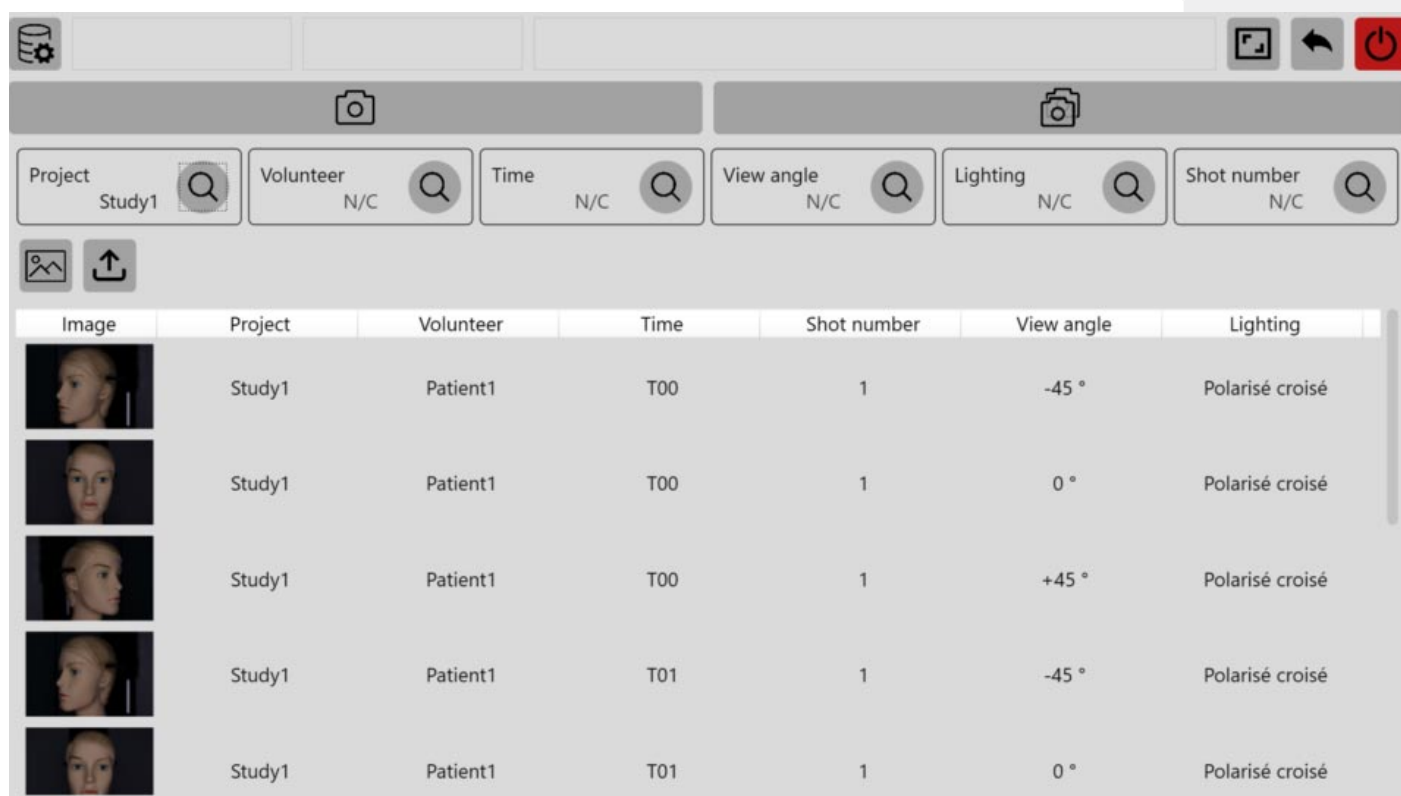
- user (technician ou assistant)
- expert (project manager or praticitioner)
- administration (user management)

The camera's settings are set by the application: exposure speed, aperture, white balance, ISO sensitivity, focus mode, etc.

Photo shoots :

- single
- per sequence: series of photos in angular conditions (from -90° to +90°) and pre-determined lighting (parallel / cross polarization /...)

Each shot is unique and identified by its number, lighting condition, angle, time, volunteer, project. The images recorded in the database are raw and do not undergo any post-processing . They can be exported as JPG and named according to a user-defined nomenclature.



The screenshot shows the main interface of the application. At the top, there is a toolbar with icons for settings, a camera, a folder, and a power button. Below the toolbar, there are search filters for Project (Study1), Volunteer (N/C), Time (N/C), View angle (N/C), Lighting (N/C), and Shot number (N/C). The main area displays a table of photo shoots with columns for Image, Project, Volunteer, Time, Shot number, View angle, and Lighting. The table contains five rows of data, each showing a different view angle and lighting condition for the same project and volunteer.

Image	Project	Volunteer	Time	Shot number	View angle	Lighting
	Study1	Patient1	T00	1	-45 °	Polarisé croisé
	Study1	Patient1	T00	1	0 °	Polarisé croisé
	Study1	Patient1	T00	1	+45 °	Polarisé croisé
	Study1	Patient1	T01	1	-45 °	Polarisé croisé
	Study1	Patient1	T01	1	0 °	Polarisé croisé

Main page

Technical specifications

Computer	Recent PC (laptop or fixed) with graphic card
Platform	Windows 10 or 11
Communication	USB 2 or 3