

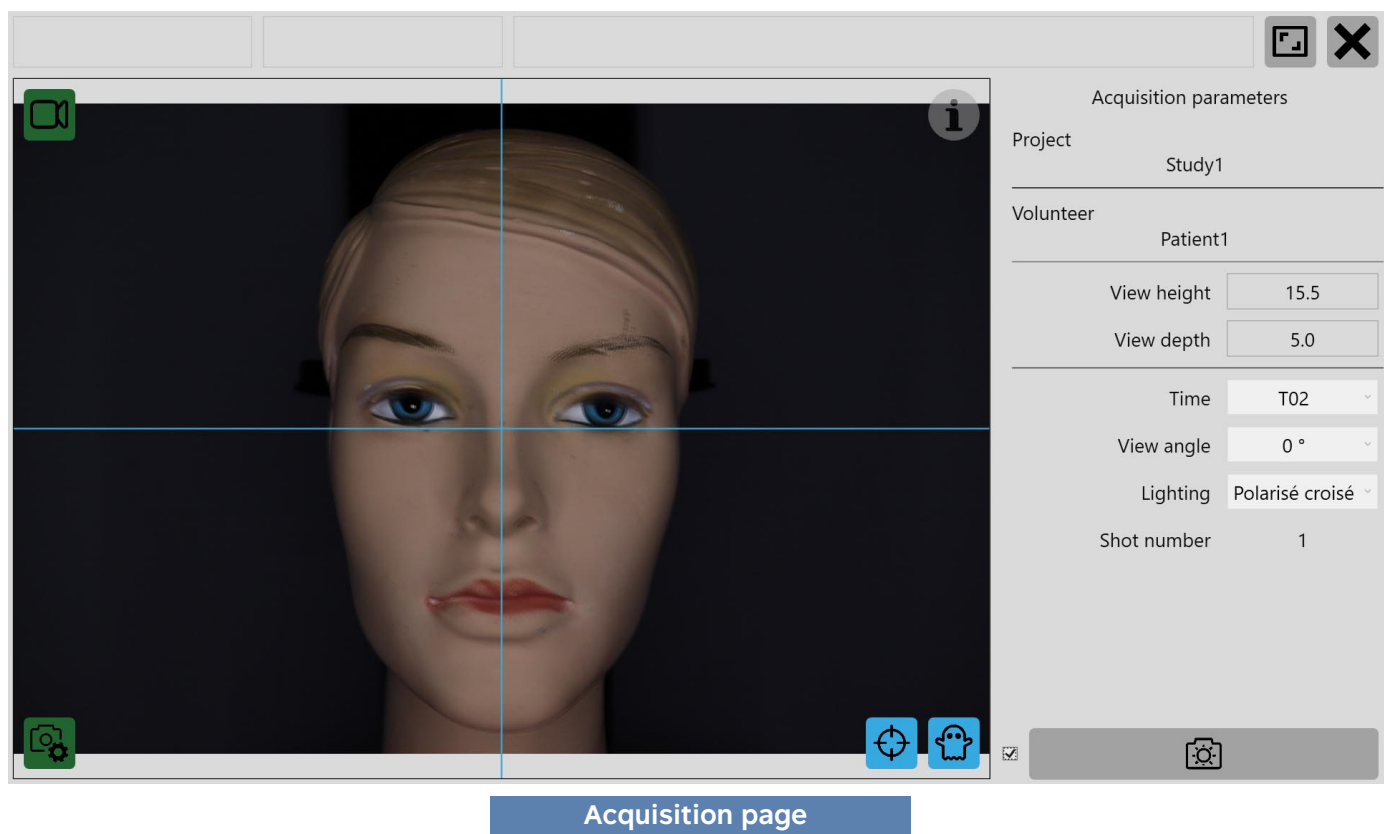
Revelare

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.



Features

Rights management can be defined according to 3 levels:

- user (technician ou assistant)
- expert (project manager or praticioner)
- 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 displays the main interface of the Eotech application. At the top, there is a navigation bar with icons for settings, a camera, and a power button. Below this is a search bar with a camera icon. The main area features a table with columns for Image, Project, Volunteer, Time, Shot number, View angle, and Lighting. The table contains five rows of data, each representing a photo shoot. The 'Image' column shows thumbnail images of a person's face. The 'Project' column is set to 'Study1'. The 'Volunteer' column is set to 'Patient1'. The 'Time' column shows 'T00' and 'T01'. The 'Shot number' column is set to '1'. The 'View angle' column shows '-45 °', '0 °', and '+45 °'. The 'Lighting' column is set to 'Polarisé croisé'.

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

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