

USER GUIDE

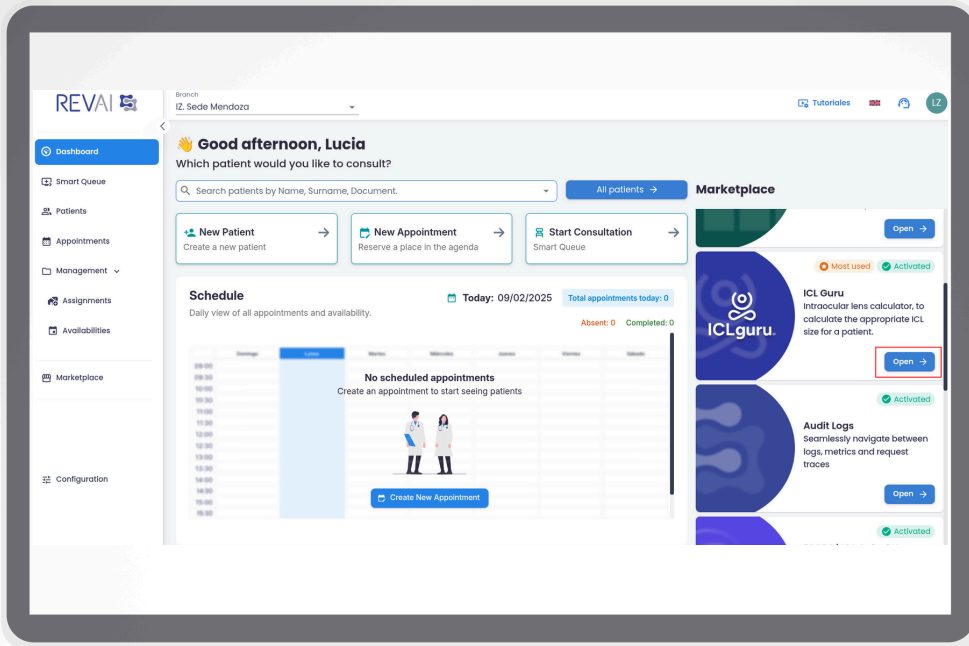


AI-powered sizing for ICL surgery

Getting Started with ICL Guru

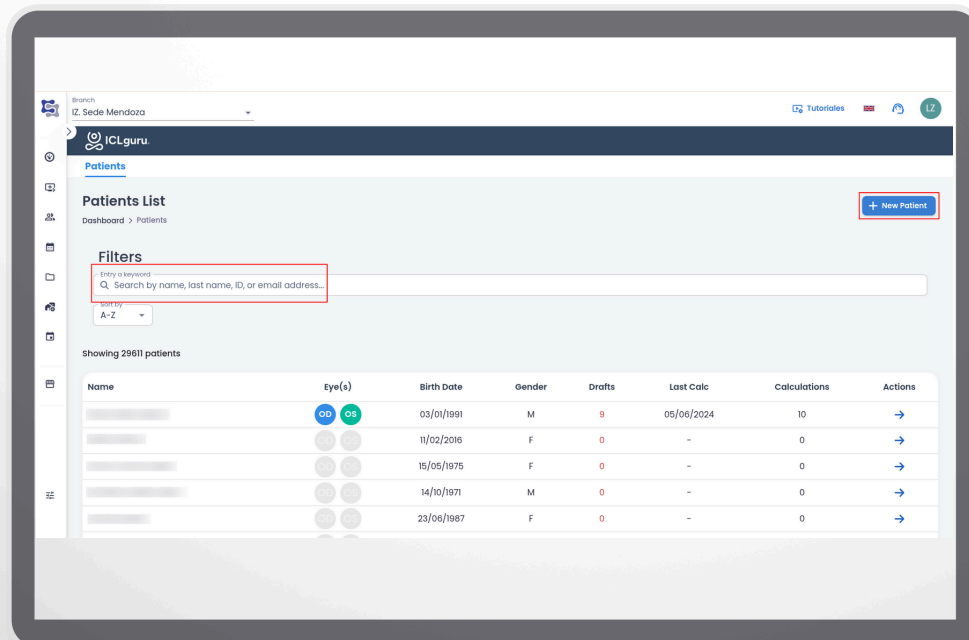
Your step-by-step guide to connecting your devices and unlocking precise, AI-powered calculations for your intraocular lens (IOL) surgeries

1



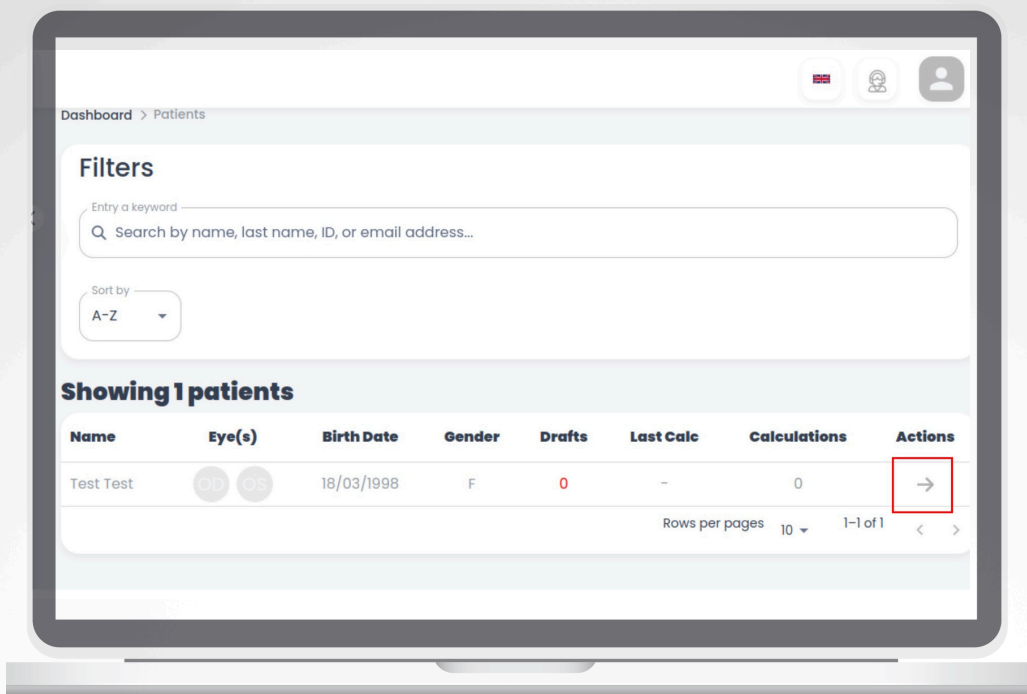
Log in to your REVAICare account. From the main dashboard, navigate to the Marketplace and locate the tool ICL Guru (AI-Powered Sizing). Click Open to launch the application.

2



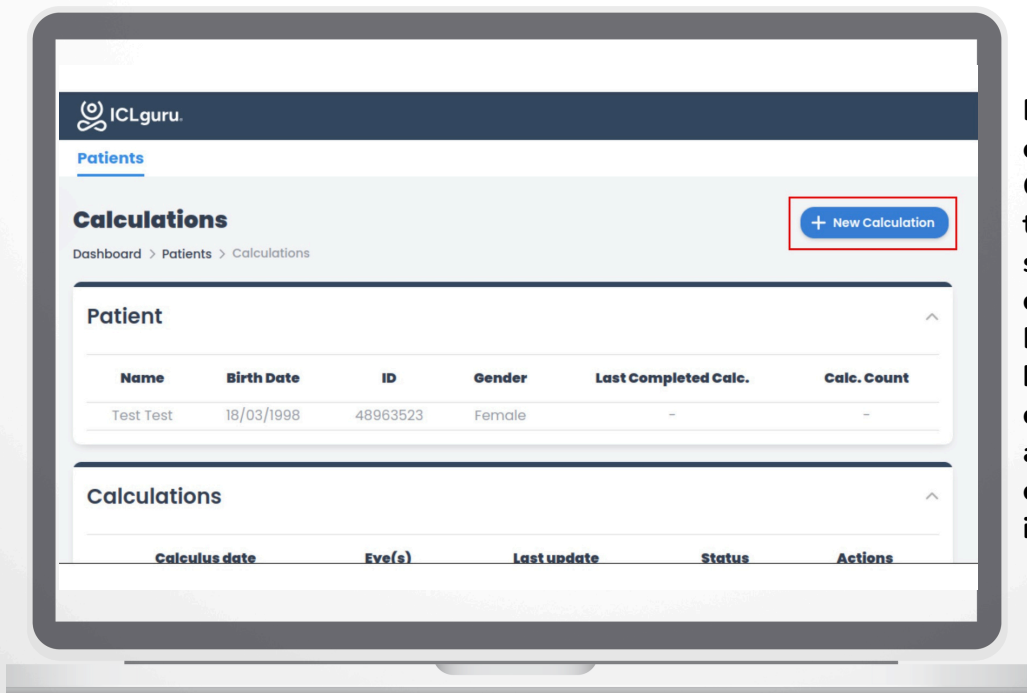
Within ICL Guru, you can either create a new patient by clicking the New Patient button in the top-right corner, or search for existing patients using the search bar by entering a first name, last name, ID, or email address.

3



Once you have found or created the patient, click the arrow on the far right of the row to access the patient's profile.

4



In the patient profile, click the New Calculation button in the top-right corner to start a new ICL calculation. If the patient already has completed calculations, they will appear here, and you can review their inputs and results.

5

The screenshot shows the 'Patient' form. At the top, there is a table with patient information:

| Name | Birth Date | ID | Gender | Last Completed Calc. | Calc. Count |
|-----------|------------|----------|--------|----------------------|-------------|
| Test Test | 18/03/1998 | 48963523 | Female | - | - |

Below the table are three expandable sections: 'Surgical Data', 'UBM', and 'Anterior Chamber Measurements'. At the bottom of the form are two buttons: 'Save as Draft' and 'Calculate'. A 'Feedback' button is located on the right side of the form.

Once the calculation has started, you will see three main sections: Surgical Data, UBM, and Anterior Chamber Measurements. You can complete each section independently and save the calculation as a draft.

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The screenshot shows the 'Surgical Data' form. It is divided into two columns for 'OD' (Ocular Dominant) and 'OS' (Ocular Subordinate). Each column contains the following fields:

- IOL Power Sphere: A dropdown menu with a value of -10.
- Cylinder: A dropdown menu with a value of 2.
- Axis: A dropdown menu with a value of 165.
- Surgical date: A date picker with the format DD-MM- and a calendar icon.

Surgical Data: Fill in the fields related to the ICL lens to be implanted, including the mandatory fields spherical power, cylinder, and axis, and, optionally, the surgical date. Do not enter the patient's refraction.

7

UBM

OD Upload video

Select file

OS Upload video

Select file

UBM: Upload the video sequence obtained from your UBM device. You can do this from the cloud (if connected to Revai) or manually by selecting a UBM file from your device. The supported formats are: .dcm, .avi, .mp4, up to 600 MB.

8

Ultrasound File Upload OD

Drag and drop files here

or

Upload

Required fields in both eyes: .dcm, .avi, .mp4 format. Maximum size 600MB

Select the device of the uploaded file

Select device

Arcscan

Quantel

Sonomed Escalon VuMAX HD / VuPad

Cancel

Upload

If you uploaded your UBM from your computer, you must select the device that was used. The available devices are: Arcscan, Quantel, Sonomed Escalon VuMAX HD / VuPad. We highly recommend connecting your device directly to Revai, as this simplifies and speeds up the process.

9

Anterior Chamber Measurements

Select device

Other device

OD

OS

ATA

aRISE

ACD

ATA

aRISE

ACD

OD Upload Image

Seleccionar archivo

Sin archivo

OS Upload Image

Seleccionar archivo

Sin archivo

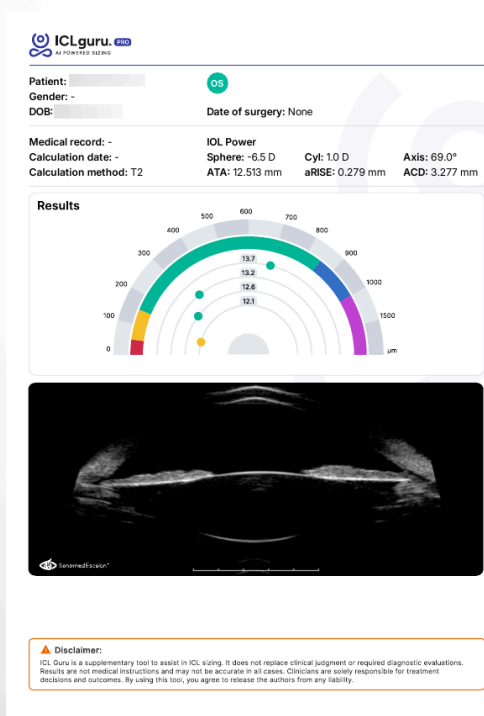
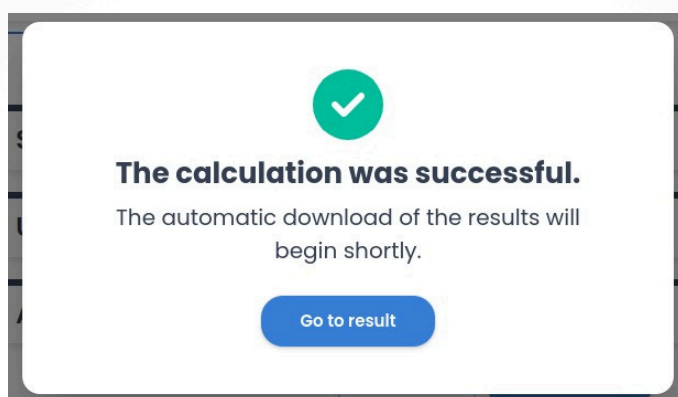
Anterior Chamber Measurements: Manually fill in AtA (Angle-to-Angle), aRISE (height to lens apex), and ACD (anterior chamber depth) in mm. You can also upload an image with these values. If you are using a Sonomed Escalon UBM, these fields will be automatically populated from its images.

10

At any step, you can save the draft to continue later. Once everything is complete, click Calculate. It may take a few minutes depending on the UBM file size. A success message will appear when it is ready.

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After the calculation, a summary of the results will be shown, including the input values, the vault graph, and the vault predictions table. You can download the report as a PDF.



Better inputs. Better insights. Better outcomes

