

PERFORM **B-SCAN** USING ABSolu

ABSolu™

PATIENT DATA



> Select a **Physician** name

> Select an **Examiner** name if required

1 CREATING A NEW PATIENT:

A. Enter the ID Number and /or patient Last Name, First Name in the corresponding fields

B. Select + to enter all Patient information

C. Select to save the Patient data or click on NEW Session



2 SELECTING A REGISTERED PATIENT:

To select a Patient that already exists in the database, either:

- Type in the first letters of the last name, or the first numbers of the ID Number
- An asterisk (*) to display the Patient list with all names.

> For more detailed information about the use of the ABSolu, please refer to the electronic user manual available in the ? menu.

Quantel medical
BY LUMIBIRD MEDICAL

B-SCAN ACQUISITION

1 ACCESS THE EXAM SCREEN: Select: NEW Session

2 SELECT THE B-SCAN PROBE
Select either:

- The **B15 icon** to perform an exam with the 15Mhz B probe. It generates images of the eye.
- The **B20 icon** to perform an exam with the 20MHz-5A probe (annular transducer technology). It is used to create high resolution images of the eye.
- The **LIN50 icon** to perform a high frequency mode exam with the Linear 50MHz probe. It is used to create high resolution images of the anterior chamber.



3 SELECT THE EYE: OD or OS

4 EXAM CONDITION

- **B15 and B20 probe:** place the probes on the eyelid, or on the conjunctiva using a coupling agent and an anesthetic if needed.
- **LIN50 probe:** the LIN50 probe equipped with a window can be placed in an immersion shell, or directly on the conjunctiva using a coupling agent and an anesthetic if needed. This probe can also be used with a CLEARSCAN™.

For more information: refer to the Linear probe notice for preparation-Cleaning & disinfection – Usability (XE_LIN50_NI_ANFR)

5 B-SCAN EXAM

- Press on the footswitch or the corresponding icon to activate the probe:

a. Adjust the probe position on the Patient eye as indicated in the "Calibration of the Probe Detection" window (if activated) and press on the footswitch to save the calibration, or select:

b. To reach specific areas of the globe, ask the patient to look in the appropriate direction.

c. Adjust the Gain, Dynamic and TGC (Time Gain Control) as needed with the ABSolu front knob.

d. Press on the CV icon to display or remove the Cross vector line (A-Scan) if needed.

e. Press on the footswitch or the corresponding icon to freeze the image:



6 POST PROCESSING TOOLS
On a frozen image, select the post-processing tools icon:
Repeat the action as many times as necessary to obtain a series of measurements.

7 SAVE
Press on the footswitch for 3 seconds to save the B-Scan.
Or press on the icon:

8 EXAM REPORT
To create the report, select the icon:

9 EXPORT REPORT
Export options: EMR EMR EMR



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