

MD-2300S

Ultrasonic A/B Scanner for Ophthalmology

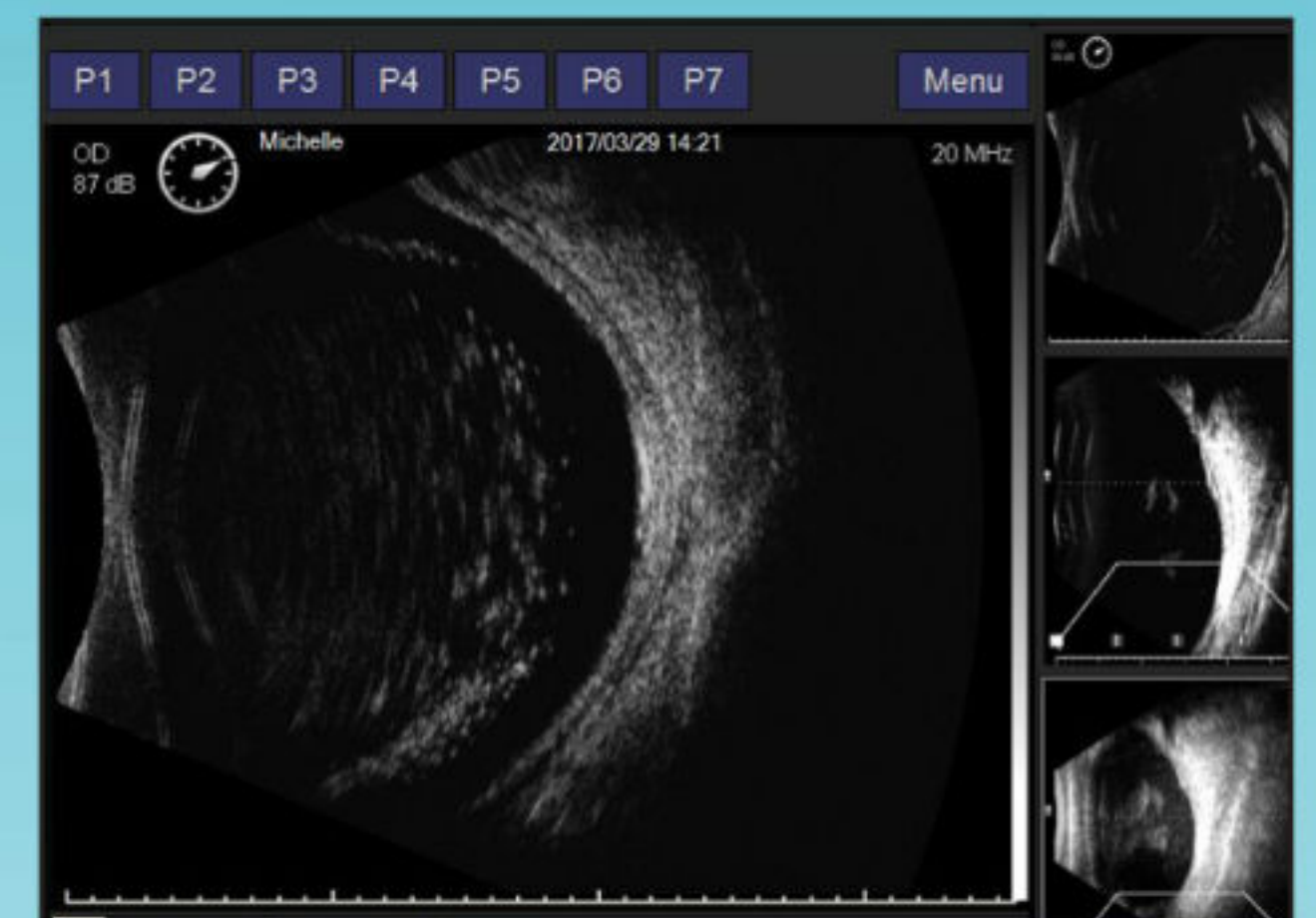
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B-Scan Enhanced Visibility and User-friendliness

Vitreous-Enhanced Mode improves visibility at vitreous body

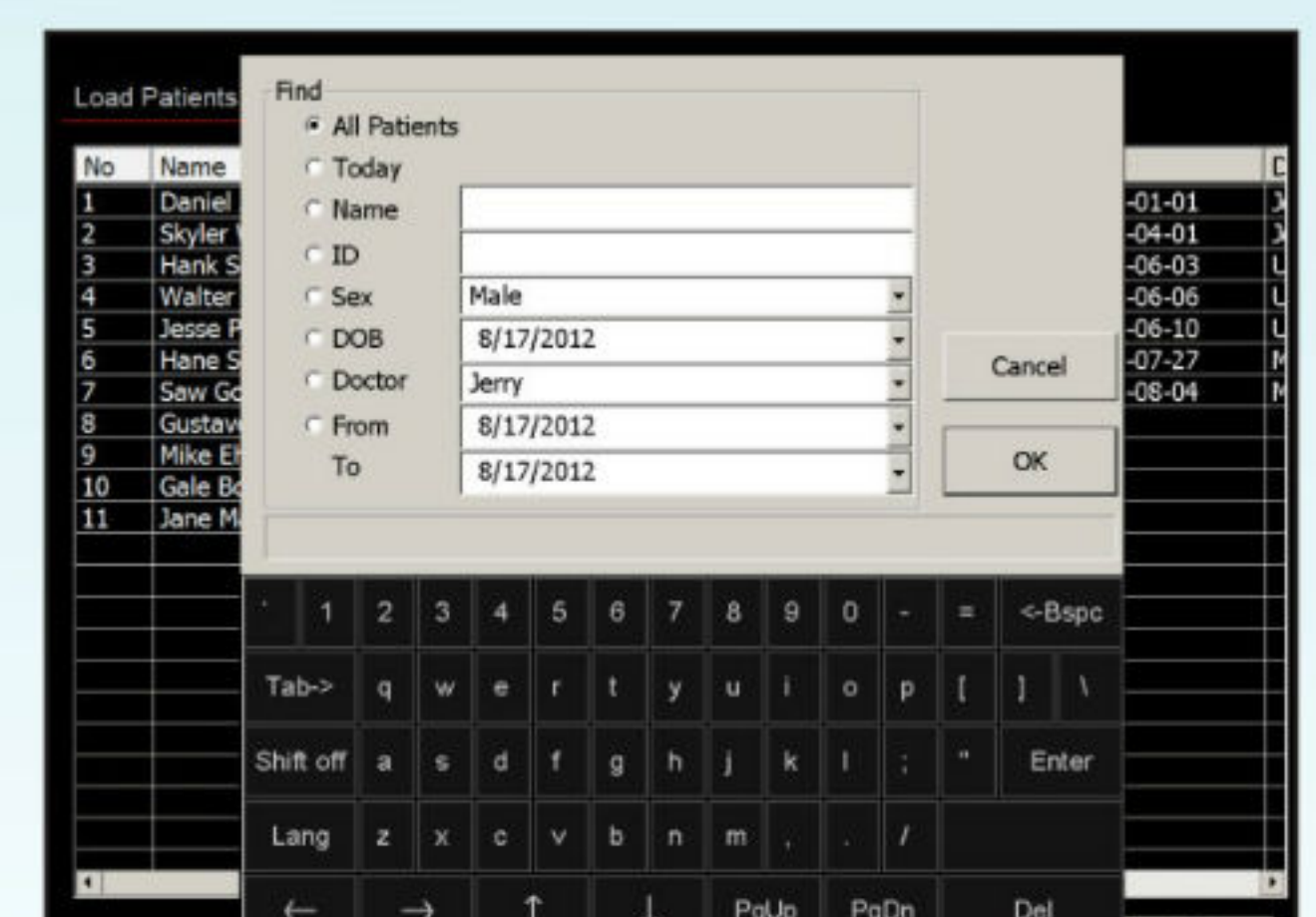
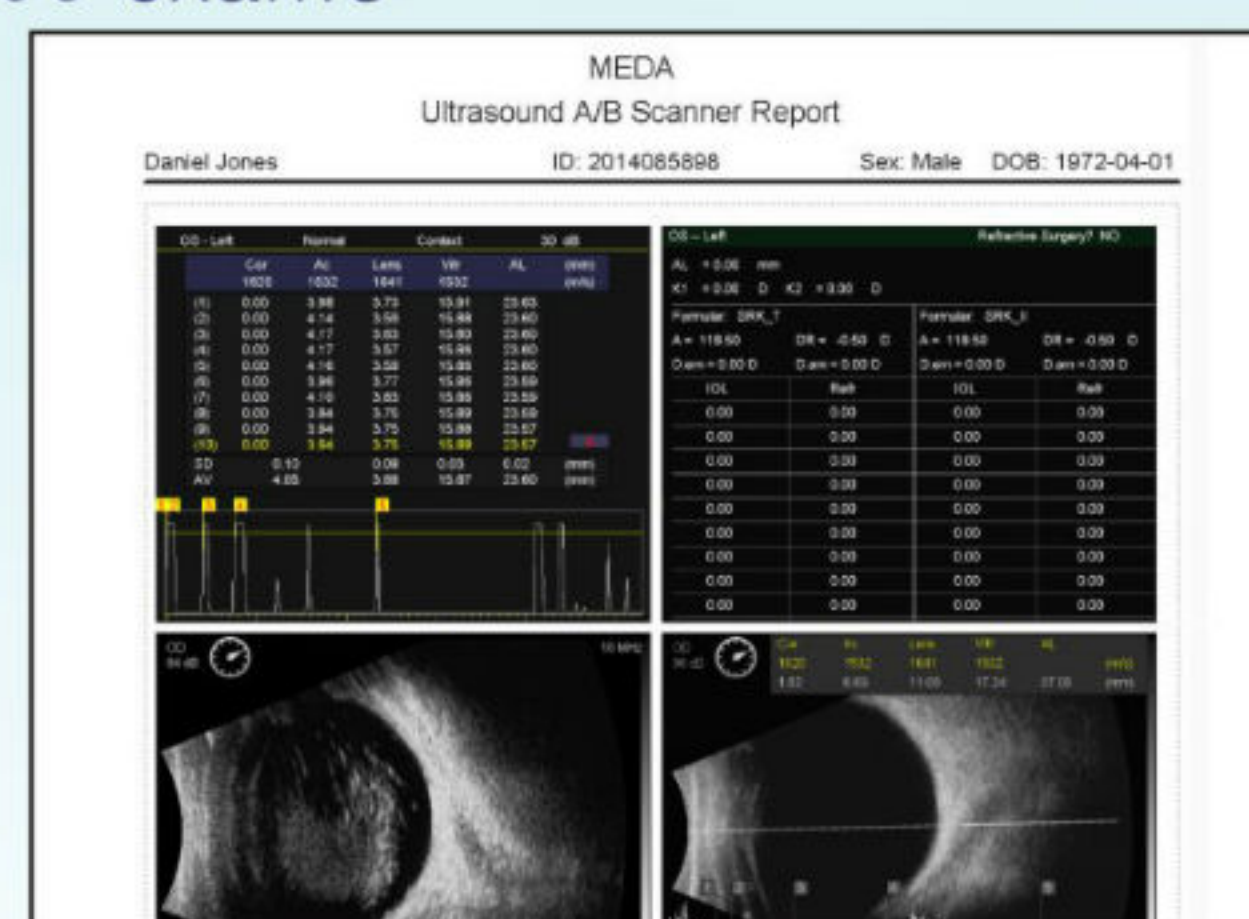


6 popular IOL formulae and
5 Post-refractive IOL formulae available



Full report integrating A-scan/IOL results, B-scan images and doctor's comments with customized dictionary of symptom entries

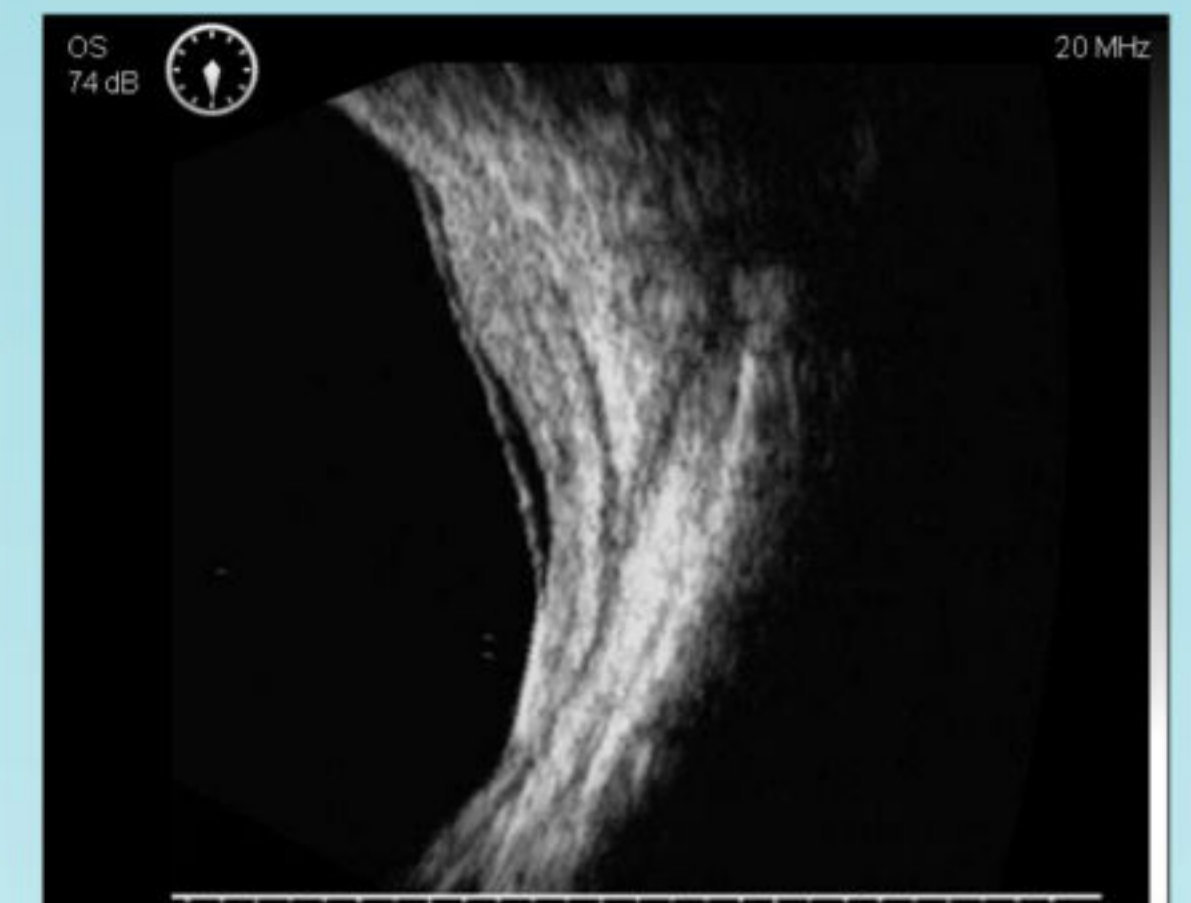
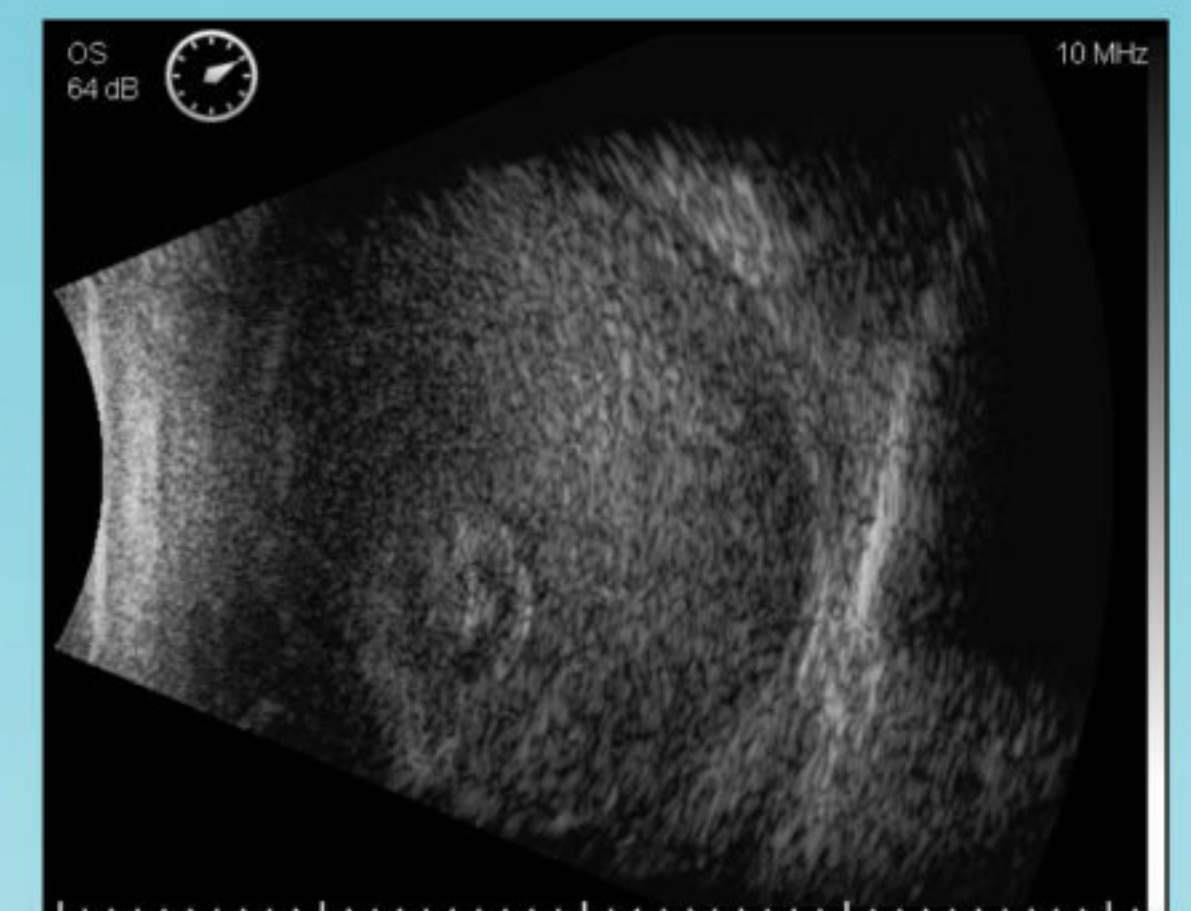
Simple UI allows users to load, search, print, etc.
Unlimited storage capacity for over 20,000 exams
(8 lossless images per exam)



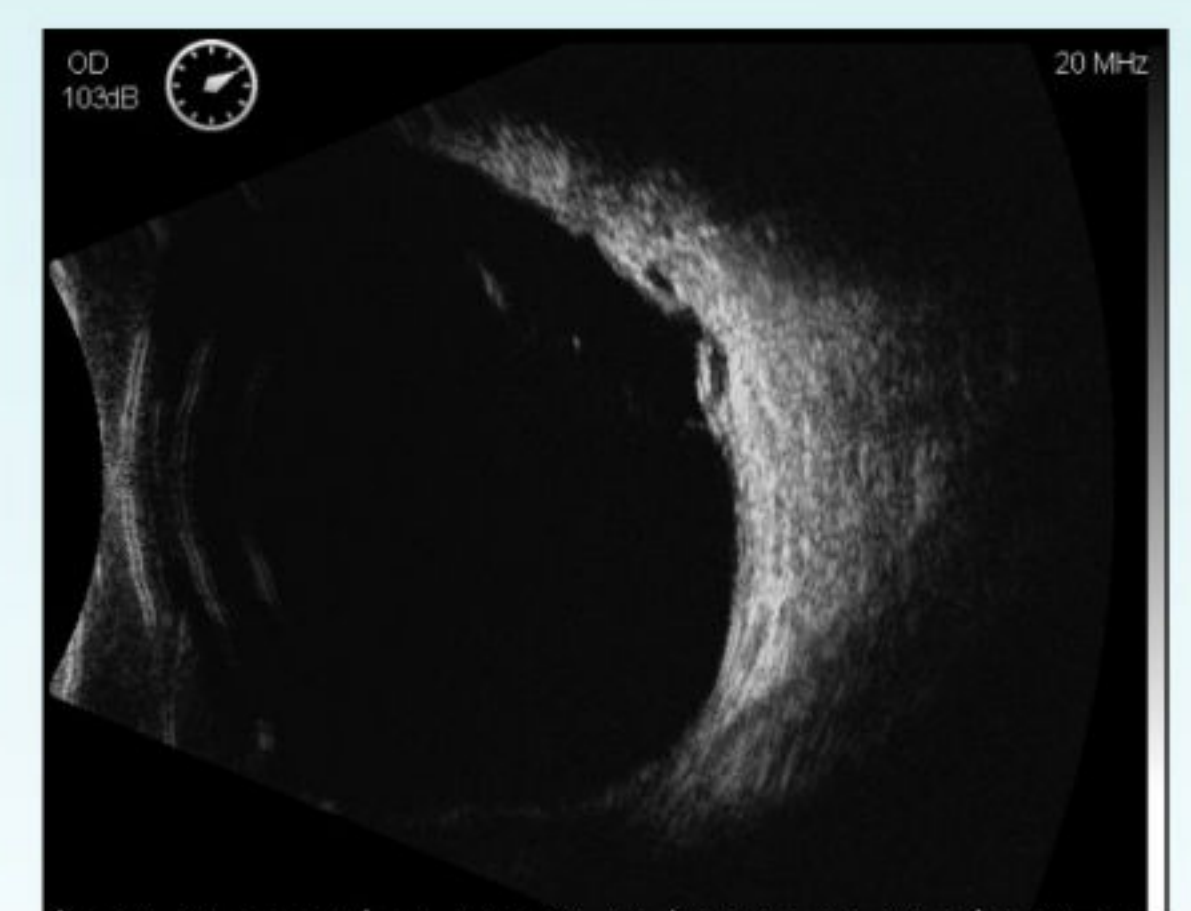
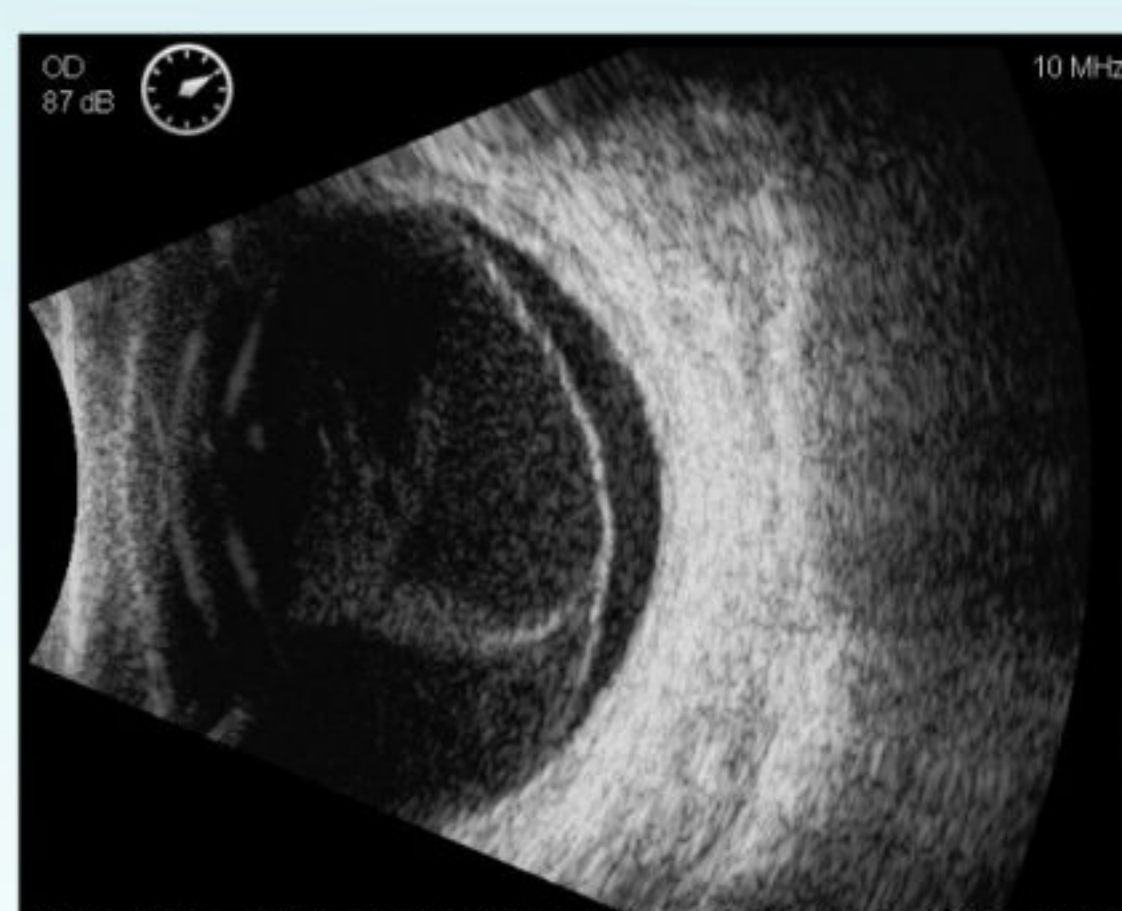
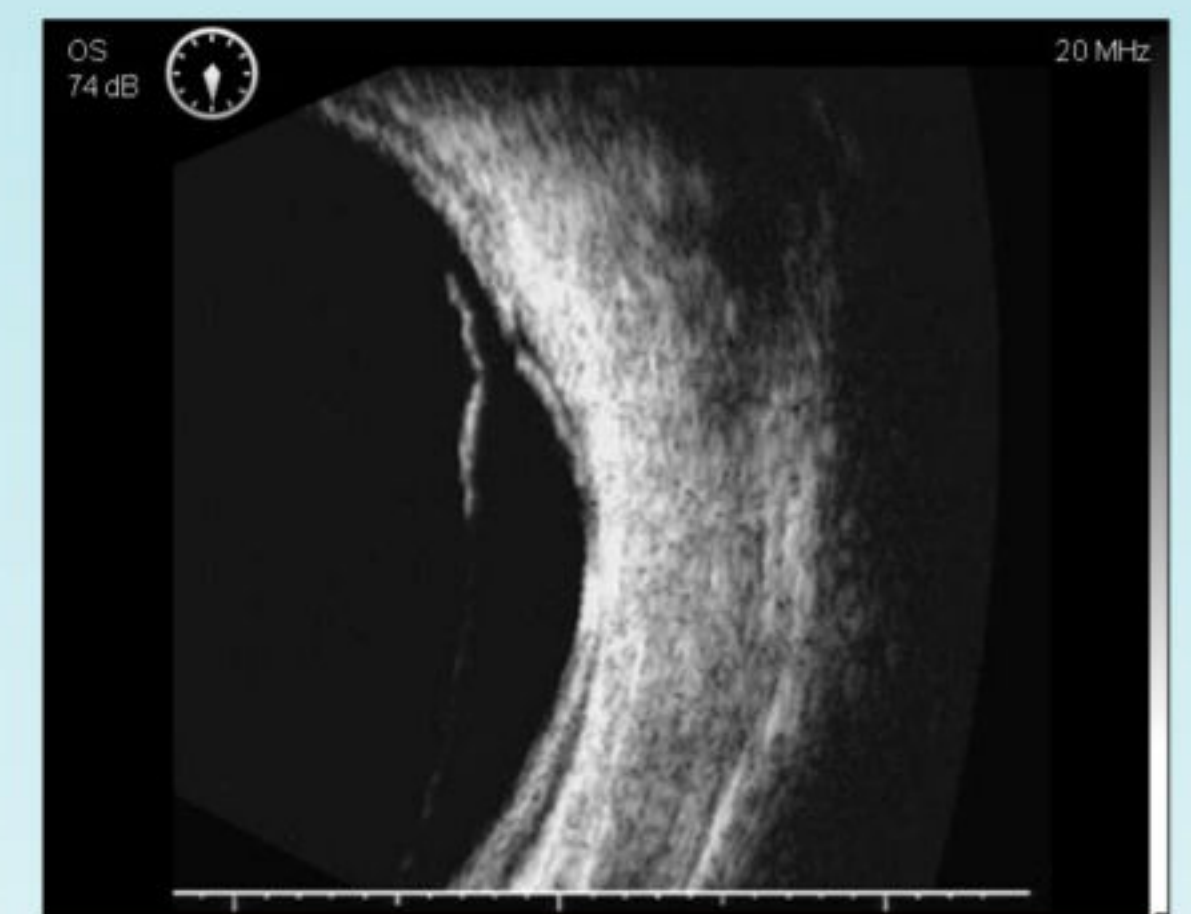
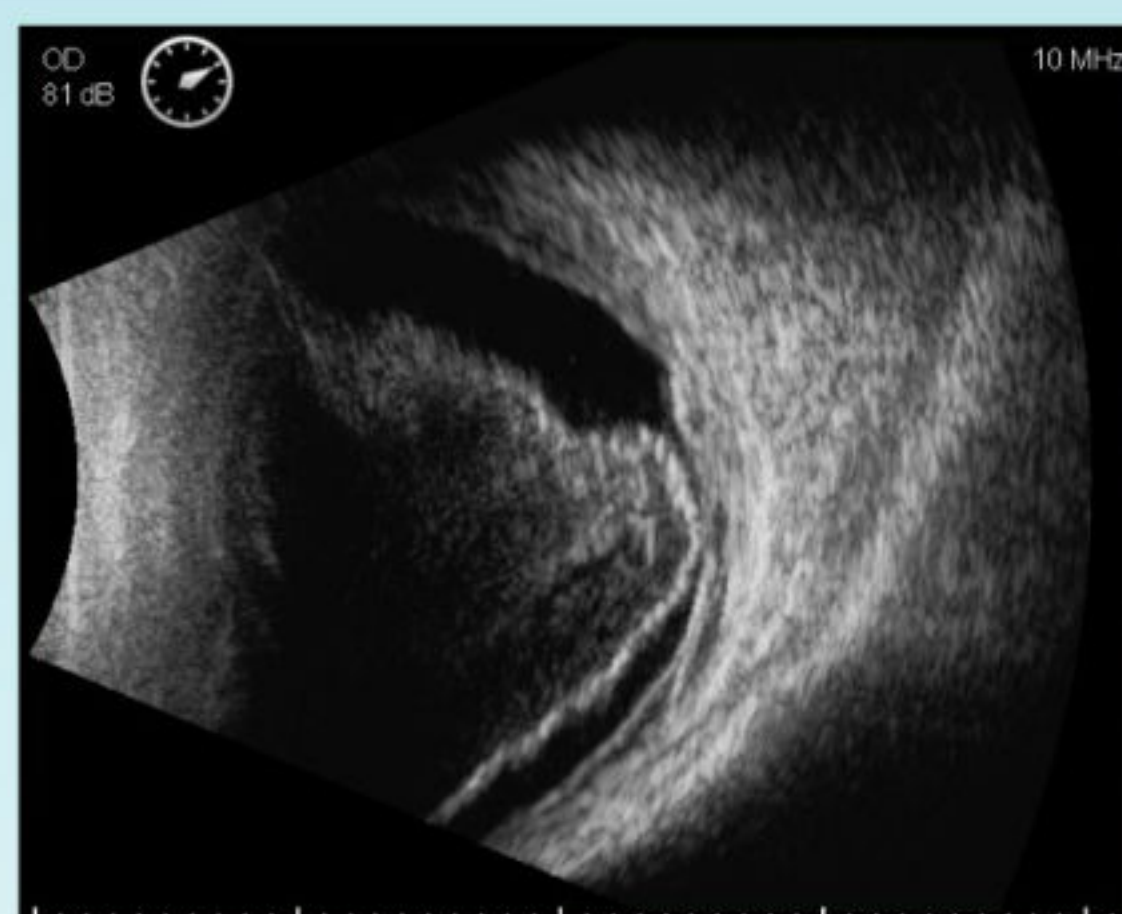
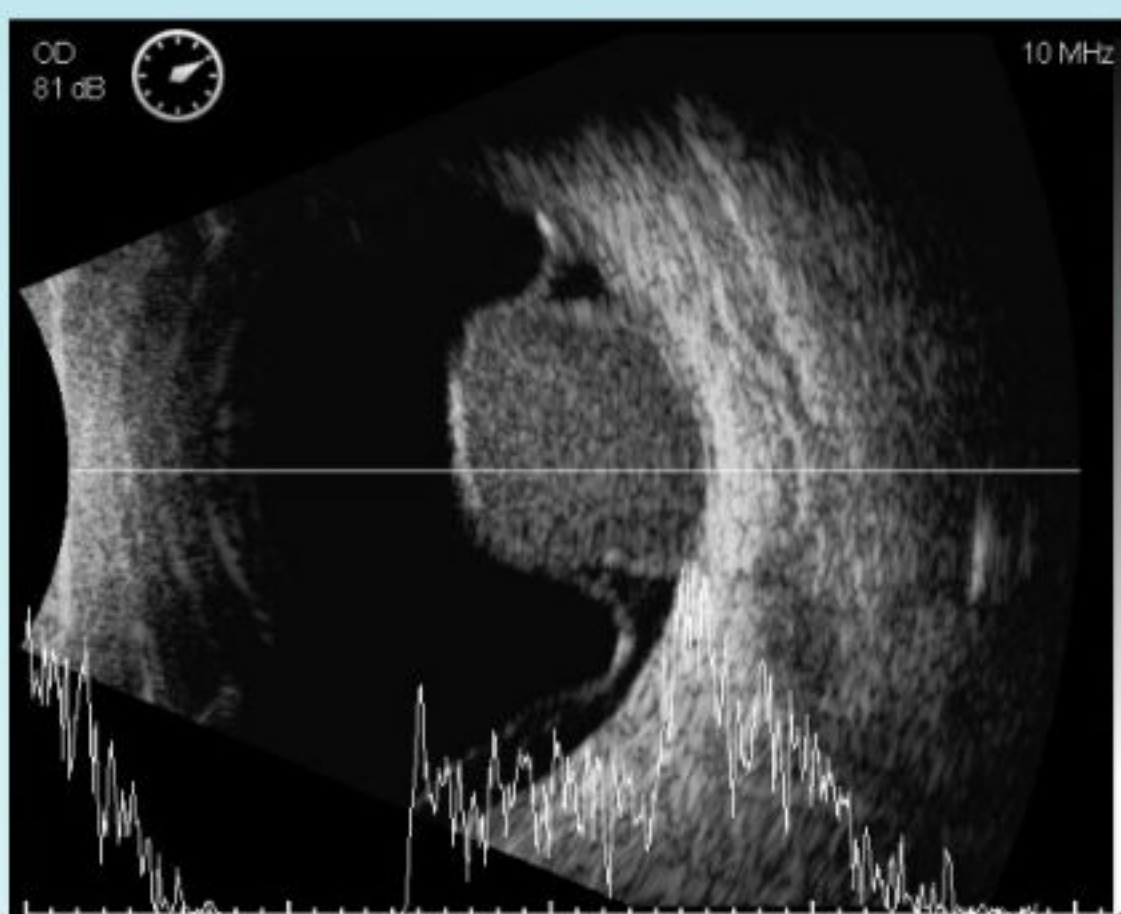
An Ophthalmic Tablet with Ultrasound you can Watch and Touch

Features

- High Definition 20MHz B-scan Image
- High Resolution LCD touch screen
- Image/video snapped and stored in real time in multiple buffer slots for immediate comparison and review
- Multiple TGC options for operator's preference including vitreous-enhanced mode
- Editable clinical report with A-scan/IOL results, B-scan images, and textual comments with configurable entries
- Reports in .PDF format for sharing and print-out
- Compatibility with graph/text printer
- Diverse connections via HDMI and USB 2.0 ports
- HDMI interface for double-screen showcase



Clinical Gallery



SPECIFICATIONS:

B-Scan

- Ultrasound Probes10MHz B-Scan Probe
20MHz B-Scan Probe
- Axial Resolution10MHz B-Scan: ≤0.1mm
20MHz B-Scan: ≤0.08mm
- Lateral Resolution10MHz B-Scan: ≤0.2mm
20MHz B-Scan: ≤0.15mm
- Scan Depth10MHz: 28mm — 60mm
20MHz: 19mm — 40mm
6-Step Selectable
- Scan Angle53°
- Cineloop10s/100 frames with dynamic replay
- Image AcquisitionB-Scan images
Snapped & Saved in real-time
without any limitation
- Gray Scale256 Levels
- Gain1-105dB adjustable
- TGCDefault
Vitreous-Enhanced Mode
Customized
- B+A ModeAL Measurement
- Color Codes8
- MeasurementsDistance, Area & Angle
- Annotation
- Magnification

IOL Calculation

- GeneralSRK-II SRK-T
BINK-II HOLLADAY
HOFFER-Q HAIGIS
- Post-RefractiveHistory-derived Double K/SRK-T
Refraction-derived ROSA
SHAMMAS

Biometric A-Scan

- Probe10MHz with Fixation Red Light
- Gain1-60dB
- Measuring MethodContact or Immersion
- Measuring RangeAL Range: 15mm-40mm
- Measuring Accuracy±0.05mm
- Measuring ModeAutomatic (Normal, Aphakic, Special and
Cataract) or Manual
- MeasurementsAverage and Standard Deviation for up to
10 scans per exam
Configurable Tissue Velocities
under Special or Manual mode

General

- DisplayHigh-Resolution 12.1” LCD
- Printer CompatibilityGraph/Text Printer and Video Printer (PAL)
- InterfaceVideo-Out (PAL)
HDMI
USB 2.0 Ports
- OperationsTouch Screen
Wireless Mouse & Keyboard
Footswitch
- HDD320GB or higher
- NetworkFolder/Report Sharing
- Power SupplyAC 100~240V, 50/60Hz
- Optional20MHz B-Scan Probe
Eye Cup
Immersion Shell
Video Thermal Printer



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