

V.A. MEDICAL CENTER
4300 W 7TH STREET
LITTLE ROCK, AR

PO# 598-B30004

Line #	Description	Qty
1	iU22 V 2012 Intelligent Design Ergonomics: Unique human-centered design for comfort and convenience Fully articulating flicker-free 20-inch wide format high resolution flat panel TFT/S-IPS display with nearly infinite positioning adjustments Fully articulating control panel, including height, swivel, and slide Easy access transducer connectors and integrated cable storage Digitally enhanced 8 speaker high-fidelity stereo audio Integrated footrest Integrated storage shelves 4 wheel swivel and swivel/brake lock control Architecture xSTREAM system architecture with capability of processing multiple data streams simultaneously built for 2D, 3D, 4D, MPR Next generation digital broadband acoustic beamforming, built for latest pulse shaping and coding techniques Up to 442,368 total digital channels High-bit, low noise, digital circuitry achieves system dynamic range up to 180dB for improved 2D performance and increased Doppler sensitivity New Adaptive Broadband flow imaging automatically adjusts bandwidth for optimal flow sensitivity and resolution Next Generation SonoCT Real-Time Compounding, with Widescreen capability and up to 9 beam-steered lines of sight XRES Adaptive Image Processing for noise and artifact reduction to improve tissue conspicuity Fully independent, multiple mode Triplex operation Transducers Supports new Explora family of transducers that feature: Ergonomic designs with lightweight flexible cables New low-loss technology for better penetration with fewer artifacts Breakthrough frequency bandwidths and array configurations Intelligent Control Interface High-resolution interactive graphical color touch panel with adjustment for various ambient light conditions Easy access primary controls with tri-state backlighting and multi-function controls Control panel operation of on-board peripheral devices Pull out alphanumeric keyboard for manual data entry User interface configurable for languages Automation iSCAN intelligent one-button optimization in 2D and Doppler modes iFOCUS intelligent focusing capability for one-button optimization of focal range size and position iOPTIMIZE intelligent optimization technologies for one-button approach to instantly adapt	1

performance for different patient sizes, flow states and clinical requirements
 High-Q Automatic Doppler Analysis
 Intelligent Tissue Specific Imaging
 Application-specific and user definable Quicktext Automatic Annotation
 QuickSAVE User Defined Programs (up to 45 per transducer)

Data

On-board workstation-class data management with thumbnail previews and storage of images, loops, and reports
 Retrospective and prospective clip capture to internal drive or removable media
 Integrated DVD/CD burning capability for storage of DICOM images or export in JPEG and .avi for PC compatibility
 DICOM 3.0 Print and Store capability to internal drive or DVD/CD

Other Core Features

SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies
 Color Power Angio
 Tissue Harmonics and Pulse Inversion Harmonic Imaging
 Basic 3D Imaging capability with MPR visualization feature
 2D, M-Mode, Pulsed, High PRF, Color Flow Doppler
 Duplex CW Doppler
 ECG capability
 Cineloop Image, M-mode and Doppler Review
 High Definition Write Zoom and Read Zoom with pan features
 Chroma Imaging
 Measurement tools including: distance, depth, area, and circumference
 Volume Flow Measurements
 Ability to send X,Y & Z volume MPR's to most PACS.

Panoramic Imaging

Real-time extended field-of-view composite imaging, acquired in fundamental or SonoCT mode.
 iU22:
 Operates on C5-2, C9-4, C8-5, L12-5, L17-5, L9-3 and V6-2 transducers.

Netlink Dicom 3.0

DICOM 3.0 compliant with support for the following functions: performed procedure step, storage commit, modality worklist, vascular structured reporting, OB structured reporting, GYN structured reporting, and cardiac structured reporting.

2 **PureWave Bundle, C5-1 & C10-3v** **1**

C5-1 Transducer

C5-1 PureWave Curved Array for high performance OB/GYN, Abdominal and Interventional applications. Now, one transducer provides exceptional clinical performance for a wide range of patient types including obese and technically challenging patients.

C10-3V Transducer

C10-3V Transducer Purewave Curved array transducer with 3 to 10 MHz operating frequency range, end fire sector, 11.5 radius at curvature, 130 degree field of view for endovaginal applications.

3 **Radiology Pkg** **1**

Includes the following:

- Abdominal Clinical Option
- Gynecology Clinical Option
- Vascular Clinical Option
- Pediatric Clinical Option
- Small Parts Clinical Option
- Musculoskeletal Clinical Option
- Obstetrical Clinical Option
- Contrast Clinical Option
- Urology Clinical Option
- TCD Clinical Option
- Interventional Clinical Option
- Tissue Doppler Imaging (TDI)

4 Vascular Automated Doppler 1

Auto Doppler provides: auto placement of color flow box and steering angles in relation to vascular structures; auto sample volume placement in the area of greatest flow velocity and Auto angle correction. Auto Doppler works on all linear transducers.

5 Elastography Opt Incl. functionality 1

Features new Strain based Elastography for Breast Imaging. Available on Advanced Breast TSI on L12-5 and L17-5 transducers. It is also available for the C10-3V transducer for uterine applications. Accompanied by QLAB quantification package.

- Available in Advanced Breast TSI on L12-5 transducer
- One touch entry into elastography mode
- Elastogram applied as a region of interest box with user control of size and location through entire field of view
- Realtime indicator for elastogram quality
- Display options
 - Single screen 2D with elastogram
 - Side-by-side display of 2D image and 2D with elastogram
- Shadow duplication and measurement capability in side-by-side display
 - Distance and area tools
 - Duplication from either side of the display
- Six selectable elastogram display maps
- Ability to hide / show the elastogram display
- Blend capability to increase 2D visibility through elastogram display
- Acquisition rate control for elastogram optimization
- Four smoothing selections
- Five persistence selections
- Two dynamic resolution system (DRS) selections to optimize between elastogram resolution and penetration
- Four dynamic range selections for elastogram display
- Three elastogram optimization settings to optimize to different tissue compositions
- Anechoic Imaging feature

6 L9-3 Broadband Linear Array transducer 1

3 Day Entitlement 3D University with Travel - A variety of C/V, Vascular, GI and WHC University course offerings are available to meet your clinical educational needs. These courses range from one to three days in length and offer a wide range of content matter. Please refer to the course catalog for a complete listing of all university courses that you can choose from. The 3 Day ENT 3D University Tuition includes both the tuition and the corresponding travel package.

Entitlement University Tuitions expire within 365 days from system or upgrade installment date. Due to travel and scheduling requirements, a twenty-one (21) day notification of cancellation is required or training / education entitlements will be forfeited. Curriculum is subject to change without notice.

Travel & Accommodations for one (1) registered attendee. Includes one (1) participant's airfare from a North American customer location to a Philips North America Ultrasound Clinical Education training location with modest lodging, ground transportation and meal expenses for up to 3 days. Breakfast/dinner are provided by the hotel and lunch/breaks are catered by Philips Healthcare. All other expenses will be the responsibility of the attendee (ie. Baggage fees, meals while traveling, transportation to and from customer's home airport). Details are provided during the scheduling process.

TUITION IS ONLY VALID WHEN PURCHASING THE LIVE 3D(IE33), 3D/4D (IU22), AND OR ELASTOGRAPHY CONFIGURATIONS.
opting out of any of these options will alter your education entitlements.