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 WHSE/RECEIVING B80002
 V.A. Medical Center
 3350 LA JOLLA VILLAGE DR
 SAN DIEGO, CA 92161

Line #	Description	Qty
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1	EPIQ 5G System	1
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EPIQ 5 is a new direction for premium ultrasound featuring an uncompromised level of clinical performance to meet the challenges of today's most demanding practices– the most powerful architecture ever applied to ultrasound imaging – touching all aspects of acoustic acquisition and processing allowing you to truly experience Ultrasound's evolution to a more definitive modality.

Supported by our family of proprietary PureWave transducers this platform offers an entry into premium performance ultrasound.

Reinvention of the premium ultrasound user experience

- New tablet like interface revolutionizes how you interact with the system resulting in dramatic reduction of exam reach and exam steps. (15% reduction in total steps, 40% to 80% reduction in long reaches)
- Lightest premium system in its class (230 pounds) – 40% lighter than the heaviest competitive premium system
- Enhanced mobility with battery backup options
- Large 21-inch high definition LCD display for easy viewing in virtually any environment
- Infinite articulation of control panel and monitor allows for perfect alignment whether sitting or standing (720 degrees of freedom) to scan ergonomically
- Almost silent when running (37-41dB) – equivalent to the sound of a library
- 4 transducer ports
- Ambient lighting of transducer connectors and the peripheral housing bay
- Integrated footrest
- Integrated storage shelves
- 4 wheel swivel and swivel/brake lock control

The most powerful architecture ever applied to ultrasound imaging

- Proprietary *n*SIGHT Imaging architecture - a totally new way to form ultrasound images – all without compromise. The combination of a new precision beamformer and massive parallel processing allow EPIQ 7 to receive and process an enormous amount of acoustic data allowing the system to focus down to the pixel level...all in real time.
- Up to 4,718,592 total digital channels
- Exclusive adaptive signal to noise ratio that achieves system dynamic range of up to 320 dB for improved 2D
- Windows Embedded Standard 7 Operating System
- Philips Next Generation SonoCT Real-Time Compounding, with Widescreen capability and up to 9 beam-steered lines of sight that acquires more information and reduces angle-generated artifacts
- Philips next generation XRES Adaptive Image Processing for noise and artifact reduction to improve tissue and border definition

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	<ul style="list-style-type: none"> • MaxVue High Definition Ultrasound with over a 1 million more pixels and 38% larger viewing area • Fully independent, multiple mode Triplex operation • Active Native data for post-processing of frozen image data and Cineloop image data • Supports strain, ElastPQ and ElastQ Imaging elastography clinical options • Supports CEUS clinical option • Supports TrueVue photorealistic 3D option • Supports Fusion and Navigation Interventional option 	

Transducers

Advanced Compact connector technology offers pinless design for exceptional reliability and performance that feature:

- Ergonomic designs with lightweight flexible cables
- New low-loss technology for better penetration with fewer artifacts
- Breakthrough frequency bandwidths and array configuration: supports array configurations up to 20 MHz – sector, linear, curved, tightly curved, TEE and volume transducers

Automation

Designed with our most innovative tools to maximize efficiency

- Autoscan (real time iSCAN) automatically optimizes gain and TCG continuously to assure you are achieving an optimal image in 2D, 3D and 4D.
- SmartExam system-guided protocols with new features that include exam record and automatic mode switching to greatly improve workflow efficiencies
- Vascular Auto Doppler flow optimization automatically adjusts color box position and angle, automatically adjust sample volume placement and angle. Also includes Auto Flow Tracking for automatic angle correction with sample volume movements
- Vascular High-Q Automatic Doppler provides real-time tracking of Doppler signal, automatically selecting the highest peak velocity and with the touch of a button, adding measurements to your report.
- Intelligent Tissue Specific Imaging
- Application-specific and user definable Quicktext Automatic Annotation
- QuickSAVE User Defined Programs (up to 45 per transducer)

Data

- Multi Modality Query Retrieve (Allows for the viewing of DICOM CT, Mammography, NM, MRI and ultrasound images – you can review these images while you are live imaging)
- NetLink/DICOM 3.0 provides network print and store, commit, modality worklist, DICOM Query and Retrieve, and structured reporting for adult and pediatric echo, vascular, and OB/GYN
- DICOM 3.0 Print and Store capability to internal drive or DVD/CD
- Integrated Wireless DICOM
- 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
- Ability to send X,Y & Z volume MPR's to most PACS
- Ability to export QLAB native data

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Other Core Features

- Supports Freehand 3D Imaging
- 2D Panoramic
- Color Power Angio and MicroCPA
- Tissue Harmonics and Pulse Inversion Harmonic Imaging
- Basic 3D Imaging capability with MPR visualization feature
- 2D, M-Mode, Anatomic M-mode, Color Flow Doppler, Pulsed Wave Doppler (PW), High PRF PW , Continuous Wave Doppler
- 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
- Tissue Doppler Imaging
- Stress Echo Protocol

Safeguard

This is a standard computer administration tool used to prevent unauthorized programs (malware) from running on the ultrasound system.

Security Plus

Security Plus provides a Defense-in-depth strategy implementing security features designed to help healthcare facilities provide additional patient data privacy, and protection from unauthorized access via the ultrasound systems on hospital networks. New data security enhancements will make EPIQ and Affiniti compatible with data security on medical devices. Requires Evolution 2.0 or later. This feature does not include or require SafeGuard (malware protection).

EPIQ DVD Option

S-Video

Clinical Education

EpiQ (GI) Clinical Education; ***2 days of Implementation Onsite Training (expires 90 days after install, provided Mon-Fri during normal business hours), an E-Learning subscription; Basic System Training course for two people (expires 180 days after install) and a *1 Day offsite Advanced Customer Training course for one (expires 180 days after install). All offsite training includes travel, see travel disclaimer**

*Must be used consecutively with other offsite advanced customer training tuitions associated with the same system, if purchased with other options that include offsite advanced customer training; offsite advanced customer training will be limited to a maximum of 2 consecutive days.

**TRAVEL Disclaimer: Travel & Accommodations for registered attendees. Each tuition 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 the course duration. 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. Note: 21 day Cancellation/Rescheduling policy is strictly enforced.

Line #	Description	Qty
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***Note: Philips Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by the appropriate healthcare professional as identified by the department director. Repeat training for staff non-attendance will not be accepted. Site must be patient-ready to meet training expectations.

2	Radiology	1
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Includes the following:

- Abdominal Clinical Option
- Gynecology Clinical Option
- Vascular Clinical Option
- Pediatric GI Clinical Option
- Small Parts Clinical Option
- Musculoskeletal Clinical Option
- Obstetrical Clinical Option
- Fetal Echocardiography Option
- Urology Clinical Option
- TCD Clinical Option
- Interventional Clinical Option

Clinical Education

If you are purchasing Radiology Clinical Pkg you will receive; 1 Day offsite Vascular University (expires 275 days after install) and 1 Day offsite Vascular Advanced Clinical Training course (expires 180 days after install).

All offsite training includes travel, see travel disclaimer**

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All Tuitions must be registered prior to the expiration date. The course chosen must be taken within 90 days of expiration

3	Fusion & Navigation	1
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The fusion and navigation option allows the user to choose between fusion and navigation, or to use both in combination. Includes fusion and navigation instrument package as described separately. All additional tracking devices may be optionally purchased as separate line items.

4	Battery Std Life Package	1
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Highly recommended for portable ultrasound studies. Allows system to be place in sleep mode and booted up in 20 seconds. Allows activation of the smart handle when not plugged in to central power.

5	Fusion and Navigation Instrument Package	1
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Line #	Description	Qty
	PercuNav Accessories required for Fusion and Navigation imaging, consists of PercuNav Patient Tracker (Quantity 3), PercuNav Ultrasound Tracker (Quantity 1), and PercuNav Adaptive Needle Tracker (Quantity 2). Transducer tracking bracket sold separately via CIVCO or via Upgrade order. For optional additional accessories or multiple brackets please see next box: Fusion and Navigation Trackers.	
6	21001, PNAV ENDO U/S TRKR	2
	Philips PercuNav C10-4ec Endocavity Ultrasound Tracker with 3 boxes of C10-4ec biopsy kits. Each C10-4ec biopsy kit box contains (12) tracking brackets, (12) needle guides, (24) sterile latex covers, (48) rubber bands, and (12) ultrasound gel packets.	
7	C10-4ec Transducer	2
	Curved Array transducer with 10 to 4 MHz extended operating frequency range, end-fire sector, 8 mm radius of curvature, 150 degree field-of-view, for endocavitary applications including endovaginal (OB Early and OB Fetal Heart only) and endorectal (prostate). Not suitable for GYN applications.	
8	English Manual	1
	Operation Manual	
9	US 1 Day OnSite-Cust Specific-PAS	3
	US 1 Day Onsite Cust Specific PAS - Additional Ultrasound training provides training day designed specifically to meet the customers needs. Education is provided Monday - Friday during normal business hours. Note: Philips Healthcare personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. The training sessions should be attended by Ultrasound Sonographers as identified by the department director. Site must be patient-ready. On-site training day expires within one (1) year from purchase date.	
10	Coaxial Ndl trkr Starter Kit	1
	Philips PercuNav Coaxial Needle Trackers starter kit contains one box each of 16Gx11CM, 18Gx8CM and 20Gx13CM, to be purchased in conjunction with new ultrasound system that includes Fusion/Fusion and Navigation.	