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LOGIQ E9 R5 with XDclear

Through the combination of extraordinary images, easy workflow and expert tools, the LOGIQ E9 with XDclear provides the latest GE technology to help enhance diagnostic confidence and workflow efficiency every day in a variety of challenging exams. Innovative features: Agile Acoustic Architecture with flexible clinically based mathematical models of the body for enhanced image quality and XDclear transducer technology capabilities. Includes B-Flow \* technology to help visualize real-time hemodynamic flow and vessel wall definition and Compare Assistant, a workflow enhancement tool that enables easy side by side comparison of previous ultrasound or other modality images with a live ultrasound image. Also included: CrossXBeam (spatial compounding), SRI HD (Speckle Reduction Imaging in High Definition) with Organ Specific Imaging, and Coded Harmonics. Productivity can be enhanced through many features such as Raw Data for post-processing of images, Automatic Optimization, Virtual Convex, and Advanced 3D (w/ multiplanar displays). Advanced ergonomics including 19 inch color flat panel monitor (1280x1024) with articulating arm, motorized adjustable console, 10.4 inch color LCD touch screen, four active transducer ports with patented cable hook. Scanning modes include B-Mode, M-Mode, Color Flow, Pulsed Wave, and Power Doppler. Other system features include: Windows\*\* Embedded Standard 7 operating platform, 776 MB cine memory, 500GB internal hard drive, DVD-R, image archive, built-in gel warmer, user footrest, integrated on-board black and white printer bay, and user programmable model parameters. Includes comprehensive software annotation, calculations, and worksheets supporting obstetrical, gynecological, vascular and general imaging applications. Includes a DICOM\*\*\* software package providing Verify, Print, Store, Multiframe, Modality Worklist, MPPS (Modality Performed Procedure Step), Storage Commitment, Media Exchange and Enhanced US Volume Storage. Additionally, supports Query/Retrieve and Structured Reporting. Does not include network hardware, which may be

required. Includes initial installation and connection to customer network. Includes one-year warranty and three days of On-site Applications Training. Additional On-site Applications Training days are available for purchase. Training must be completed within six (6) months after Product delivery, otherwise GE Healthcare's obligation to provide the training will expire without refund. Participating in advanced technology training at the GE Healthcare Education Center in Metro Milwaukee can be purchased separately. Customer workflow permitting and abiding by SDMS criteria, sonographer install CE's may be provided during install training. \*Trademark of General Electric Company. \*\*Third party trademarks are the property of their respective owners. \*\*\* DICOM is the registered trademark of the National Electrical Manufacturers Association for its standard publications relating to digital communications of medical information.

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#### C1-6-D XDclear Transducer

XDclear is GE's highest performing transducer technology which is a proprietary combination of advanced materials and innovative acoustic design. Convex transducer with XDclear technology helps achieve impressive depth on patients with difficult body habitus. Applications: abdominal, obstetrics, gynecological, urology, and vascular. Biopsy kit available.

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#### IC5-9-D Micro-convex Intracavitary Transducer

Broad-spectrum micro-convex intracavitary transducer. Applications include: obstetrics, gynecological, and urological. Biopsy kit available.

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#### 9L-D Linear Transducer

Broad-spectrum linear transducer. Applications include: vascular, small parts, pediatric, and abdomen. Biopsy kit available.

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#### ML6-15-D Matrix Linear Array Transducer

Matrix array broad-spectrum linear transducer. Applications include: small parts, vascular, pediatrics, neonatal, breast, thyroid, scrotal. Biopsy kit available.

- 1 L8-18i-D Linear Transducer
- Broad-spectrum linear transducer. Preferred applications: musculoskeletal, small parts, vascular, intraoperative.
- 1 Scan Assistant
- Procedure automation program that intuitively assists the user with customizable system functions at each step of the study to streamline productivity, enhance consistency and reduce keystrokes. Scan Assistant automatically invokes exam imaging modes and parameters, advances to the next step in an exam, annotates the image, initiates measurements, and assigns the measurements to the worksheet/report. Offline Scan Assistant creator included to customize Scan Assistant programs.
- 1 LOGIQVIEW
- Integrated, extended field of view B-mode imaging with measurement capability. Available on all linear and convex transducers.
- 1 LOGIQ E9 Advanced Elastography Package (Shear Wave and Strain)
- Shear Wave elastography offers clinicians an advanced level of diagnostic information for the evaluation of tissue stiffness. With Shear Wave elastography, the LOGIQ\* E9 ultrasound system uses a focused burst of acoustic energy from the transducer to generate Shear Waves to produce quantitative measurements and a 2-D color coded elastogram. Easy Workflow tools include auto measurement sequencing of Shear Wave image frames, ability to display measurements in kPa or meters per sec, user-programmable Shear Wave maps, single or dual view display and summary measurement worksheet. Supported on C1-6-D, C1-6VN-D and 9L-D transducers. Strain Elastography Imaging using manual compression method for multiple applications. On-screen quality indicator included. Available on ML6-15-D, 9L-D, IC5-9-D, C1-5-D, C1-6-D, C1-6VN-D, C2-9-D C2-9VN-D transducers. \*Trademark of General Electric Company.

1 LOGIQ E9 Advanced Breast Productivity Package

Advanced Breast productivity package that combines the Breast-specific measurement package (H4913BP) and the Breast Measure Assistant Tool (H4913AB). The Breast Productivity Package allows user to enter BI-RADS criteria/assessment, organizes multiple measurements into a convenient worksheet and sends results via DICOM SR. The Breast Measure Assistant tool is for measurement intensive studies. With user guidance, this technology allows automatic detection and measurement of breast lesions in a user selected ROI.

1 LOGIQ E9 Wireless version 2

Integrated wireless capability allows for wireless DICOM transfer within a 802.11a/b/g/n wireless network - includes support for Enterprise authentication.

1 **LOGIQ E9 R5 IB and Upgrades UPGRADE**

2 LOGIQ E9 R5 with XDclear Upgrade (R3) Models 5-6

Hardware and software partial system upgrade to LOGIQ\* E9 R5 with XDclear: Includes new computer processor for improvement in processing speed, faster probe transitions and faster mode transitions (as compared to previous LOGIQ E9). Includes LOGIQ E9 LCD and articulating arm. Includes B-Flow \* technology to visualize real-time hemodynamic flow and vessel wall definition. B-Flow helps provide high resolution / high frame rates of B-Mode imaging with the ability to detect and display real-time blood flow. Sensitivity adjustments for excellent visualization of high and low flow states, small vessels and enhanced sensitivity. Includes B-Flow Color which adds flow direction to the hemodynamics and helps provide tissue visualization. Also includes Compare Assistant, a workflow enhancement tool that enables easy side by side comparison of previous ultrasound or other modality images with a live ultrasound image. Other upgrade features include: Windows\*\* Embedded Standard 7 operating platform, 776 MB cine memory, 500GB internal hard drive. A 90 day warranty is included on this partial system upgrade (Customer will not be credited the value of this warranty against preexisting

warranties or service agreements) and one day of On-site Applications Training. Additional On-site Applications Training days are available for purchase. Participating in advanced technology training at the GE Healthcare Education Center in Metro Milwaukee can be purchased separately. If desired the 4DLP connector option is sold separately. \*Trademark of General Electric Company. \*\*Third party trademarks are the property of their respective owners.

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