

REQUESTING SERVICE: RADIOLOGY/NUCLEAR MED SECTION

PO#515-B50026

VA BATTLE CREEK
5600 ARMSTRONG RD
BATTLE CREEK, MI. 49017

**APLIO 500 PLATINUM ULTRASOUND
SYSTEM**

APLIO 500 PLATINUM ULTRASOUND
IMAGING SYSTEM

DICOM

QUICK ASSIST PROTOCOLS

MULTI-FREQUENCY WIDE FOOTPRINT
LINEAR TRANSDUCER (14L5)

MULTI-FREQUENCY LINEAR
TRANSDUCER, VASCULAR (11L3)

MULTI-FREQUENCY CONVEX
TRANSDUCER (6C1)

MULTI-FREQUENCY CONVEX
ENDOvaginal TRANSDUCER (9C3) (Qty
4)

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MULTI-FREQUENCY CONVEX
TRANSDUCER (10C3)

SUPERB MICROVASCULAR IMAGING (SMI)

PANORAMIC VIEW

BIOMED TRAINING - TUITION ONLY -
APLIO 500/300 (4 CLASS DAYS)

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- Includes 12 Month Service Warranty.

APLIO 500 PLATINUM ULTRASOUND SYSTEM

Toshiba's flagship ultrasound system, the Aplio™ 500 Platinum system, transform the delivery of care from diagnosis to intervention; improving clinical quality and patient experience. The system features industry-first imaging and visualization capabilities and delivers exceptional image quality to sophisticated ergonomics that elevate efficiency to the highest levels.

STANDARD COMPONENTS

- Aplio 500 Platinum Ultrasound Imaging System
- 19" LED monitor with articulated arm and handle
- Programmable, touch-command screen
- iStyle™+ Productivity Suite
 - Quick Assist Protocols
 - Quick Start Presets
- OBR for OB
- Built-in DVD/CD drive with writer
- Four active transducer ports provide convenient transducer access
- Six transducer holders
- 5 USB Ports
- Support of Windows 7

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STANDARD IMAGING FEATURES

- ApliPure+™
- Advanced Dynamic Flow™ (ADF)
- Auto-Intima Media Thickness (A-IMT)
- Biopsy Enhance Auto Mode (BEAM)
- Differential Tissue Harmonic Imaging (D-THI)
- Precision Imaging
- Tissue Doppler Imaging (TDI)
- Trapezoid Imaging
- Tissue Specific Optimization (TSO)

Connectivity

Extensive communication and data management capabilities enable seamless integration into hospital and research environments including the following DICOM functions:

- Media Storage
- Verification
- Storage
- Print
- Storage Commitment
- MULTI FRAME (Network Transfer)
- MWM (Modality Worklist Management)
- Query/Retrieve
- MPPS (Modality Performed Procedure Step)
- Structured Reporting

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Image Maker Express

Image Maker Express is an online marketing resource that helps Toshiba customers build demand for imaging service by growing their referring physician and patient relationships. Image Maker Express includes:

- Easy-to-use marketing resources and tools developed exclusively for Toshiba customers to bring together effective marketing strategies and tactics.
- A wealth of collaterals and content to create high-quality brochures, print ads and more to help market the Toshiba customer's new imaging capabilities.

Image Maker Express Materials available include:

- Product images and logos
- Clinical images and videos
- PowerPoint presentations and promotional videos
- Brochure samples
- Customizable press releases and media tips
- Marketing strategy tutorials

**Offerings may vary per product*

APPLICATIONS SUPPORT

Developed with customer input, Toshiba's innovative support programs have resulted in increased customer satisfaction. These include the following:

Technical Assistance

Customer support specialists are available 24/7 to help resolve technical issues in real time. Application support specialists are also available to assist staff with protocol and image-quality issues.

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Local Customer Teams

A single call mobilizes a local team of Toshiba customer engineers. With an average of 10 years of Toshiba experience and 105 hours of specialized training, they can resolve almost any performance issue.

Parts Support

A complete inventory of product parts is ready for shipment when and where they are needed, any time of day or night.

Training

Included with the purchase of Aplio is training conducted by Toshiba applications specialists registered with the American Registry of Diagnostic Medical Sonographers (ARDMS).

Training includes:

- Two days of on-site applications training
- One day of on-site follow-up applications training

Clinical Education Program

Toshiba customers receive access to the CME resources on SonoWorld via SonoBucks vouchers. Toshiba makes the SonoBucks vouchers available as an add-on to equipment and service sales, allowing customers to make a one-stop purchase of both products and education.

Additional On-Site Training

Available for purchase.

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APLIO 500 PLATINUM ULTRASOUND IMAGING SYSTEM

DICOM

Supports a variety of timed and gated multi-frame DICOM capabilities including:

- Verification SCU/SCP
- Storage SCU
- Modality Worklist Management SCU to support operations with HIS/RIS systems
- Storage SCU to allow studies to be stored to Aplio from remote systems such as Storage Commitment SCU and MPPS SCU workflow management and data

QUICK ASSIST PROTOCOLS

Enables automated workflow when performing complex ultrasound exams. Featuring one-click operation, Quick Assist helps increase consistency and maintain standards from start-to-finish and patient-to-patient.

MULTI-FREQUENCY WIDE FOOTPRINT LINEAR TRANSDUCER (14L5)

Multi-frequency linear transducer with wider field of view (58 mm) for:

- Breast/Small parts/MSK
- Small parts
- Musculoskeletal

Imaging Frequencies : 12.0/10.0/7.0/T11.0/T9.0/T7.0 MHz

D-THI Frequencies : 14.0/10.0 MHz

Color Frequencies: 7.0/6.0/5.0 MHz

Doppler Frequencies : 7.0/6.0/5.0 MHz

Prerequisite: V3.0 or later

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MULTI-FREQUENCY LINEAR TRANSDUCER, VASCULAR (11L3)

Multi-Frequency Linear Transducer for Vascular Imaging

- Multifrequency: 11.0/8.6/4.8/T8.4/T7.2/T6.2 MHz
- D-THI Frequency : 9.0/8.0 MHz
- Doppler Frequencies : 5.3/5.0/4.0/3.8/3.0 MHz

MULTI-FREQUENCY CONVEX TRANSDUCER (6C1)

Specifications:

- 192 elements; 70 degree FOV; 50 mm radius
- Imaging frequencies:
6.0/5.0/4.0/2.8/1.9/T6.0/T5.5/T5.0/T4.0/T3.0 MHz
- D-THI frequencies: 5.0 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8

MULTI-FREQUENCY CONVEX ENDOVAGINAL TRANSDUCER (9C3) (Qty 4)

- Imaging Frequencies:
8.8/7.3/5.8/4.7/3.6/T8.0/T7.2/T6.6/T6.0/T5.6 MHz
- D-THI Frequencies: 7.0/6.0 MHz
- Doppler Frequencies: 6.6/6.2/5.0/4.2/3.6/3.3 MHz

MULTI-FREQUENCY CONVEX TRANSDUCER (10C3)

Multi-frequency Convex Transducer with Tissue Harmonic Imaging for
OB/GYN, Pediatric and Abdominal Applications

- Imaging Frequencies: 9.2/7.6/6.0/4.6/3.6/T8.0/T7.6/T7.0
- D-THI: 6.0/5.0
- Doppler Frequencies: 6.7/6.2/5.0/4.2/3.8/3.3 MHz

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SUPERB MICROVASCULAR IMAGING (SMI)

Superb Microvascular Imaging (SMI) provides visualization of hemodynamics when imaging low velocity microvascular flow.

Pre-requisite: Aplio 500 V4.0 or later

PANORAMIC VIEW

- Allows for the evaluation of vessels, organs and anatomy in a large field-of-view.
- Provides for the collection of more comprehensive data sets for evaluating or identifying enlarged masses, soft tissue abnormalities and foreign bodies.
- Scans at a continuous speed without the need for probe attachments.

BIOMED TRAINING - TUITION ONLY - APLIO 500/300 (4 CLASS DAYS)

The Aplio 500/300 course is an advanced course for engineers who have a need to service the Aplio 500/300 Ultrasound systems

Objectives:

- Describe the physical & electronic differences between the Aplio 500/300 and the previous Ultrasound systems.
- Operate and navigate through the system operational controls and menus
- Install a system, peripherals and optional software/hardware
- Demonstrate proficiency in changing system presets and sub-presets
- Load software, backup and restore presets and restore system software.
- Describe the theory of operation of all printed circuit boards and system hardware

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- Perform system diagnostics and troubleshoot system failures.
- Locate all of the assemblies in the system.
- Network the Aplio 500/300 to a PACS system, broker and DICOM printer
- Transfer a DICOM study.

Prerequisites:

- Ultrasound Fundamentals (US101)
- At least 1 year of servicing Toshiba Ultrasound systems

Students must bring notebook computers equipped with Pentium-class CPUs, 1GB or more of available hard disk space, Windows 98, 2000 or XP, Office 97 or later, CD-ROM drive, and network connectivity (Ethernet PC card, RJ-45 cable, and software). Notebook computers are not available to borrow or rent during class.

The Bio Med training course must be completed twelve (12) months from equipment installation date (or purchase date if sold separately). If training is not completed within the applicable time period then the obligation to provide this course will expire without refund unless funds are used for additional operator training within this time frame.