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**APLIO 500 PLATINUM ULTRASOUND
SYSTEM**

APLIO 500 PLATINUM SERIES
ULTRASOUND SYSTEM

DICOM

QUICK ASSIST PROTOCOLS

MULTI-FREQUENCY WIDE FOOTPRINT
LINEAR TRANSDUCER

DYNAMIC MICRO-SLICE KIT

MULTI-FREQUENCY LINEAR
TRANSDUCER WITH MICRO-SLICE

DYNAMIC MICRO-SLICE SOFTWARE

HV POWER UNIT

MULTI-FREQUENCY CONVEX
TRANSDUCER

MULTI-FREQUENCY MICRO CONVEX
TRANSDUCER

MULTI-FREQUENCY CONVEX
ENDOVAGINAL TRANSDUCER

SMART FUSION IMAGING PACKAGE FOR
APLIO 500 PLATINUM

SMART FUSION MOUNTING KIT

SMART FUSION IMAGING KIT

FUSION BRACKET FOR PVT-382BT/FS

SMART NAVIGATION

SMART NAVIGATION

SMART NAVIGATION SENSOR

SUPERB MICROVASCULAR IMAGING (SMI)

PANORAMIC VIEW

BARCODE READER

- 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

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

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.

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.

APLIO 500 PLATINUM SERIES ULTRASOUND 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

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

DYNAMIC MICRO-SLICE KIT

Produces highly enhanced detail resolution by electronically focusing the ultrasound beam in the elevation plane.

Used in conjunction with the 1.5D array transducer PLT-1204BX, multi-frequency linear transducer with Micro-Slice.

MULTI-FREQUENCY LINEAR TRANSDUCER WITH MICRO-SLICE

High frequency 1.5D linear array transducer for superb detail resolution

Model: PLT-1204BX

Applicable systems: SSA-790A in which UIHV-790A V3.0 or later and USMS-790A V3.0 or later are installed

Imaging frequencies: 14.0/12.0/9.3/8.0/7.2/T14.0/T12.0/T10.0/T8.0/T7.0/

D-THI: 18.0/14.0/13.0 MHz

Doppler Frequencies: 10.0/8.9/8.8/7.3/7.2/6.2/6.1/5.3 MHz

Applicable modes: B/PS-THI/D-THI/CDI/TDI/ADF/PWD/ApliPure/ApliPure+

Biopsy adapter: Same as for PLT-1204AX: CIVCO 680-088 (TG-4)

DYNAMIC MICRO-SLICE SOFTWARE

Matrix array technology for fine beam forming focuses not only in the lateral and axial planes, but also in the depth or elevation plane.

Prerequisite: UIHV-A500A

HV POWER UNIT

Enables dynamic Micro-Slice capabilities with PLT-1204BX, multi-frequency linear transducer.

MULTI-FREQUENCY CONVEX TRANSDUCER

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 MICRO CONVEX TRANSDUCER

With PS-THI and differential tissue harmonic imaging for:

- Abdominal
- OB/GYN

Specifications:

- 128 elements, 80 degree FOV, 20 mm radius
- Fundamental B-mode frequencies: 5.5/4.5/3.7/2.5/1.8 MHz
- PS-THI frequencies: T5.0/T4.4/T3.8/T3.4/T2.8 MHz
- Doppler frequencies: 3.6/3.1/3.0/2.5/2.2/1.8 MHz
- D-THI frequency: 5.0 MHz

MULTI-FREQUENCY CONVEX ENDOVAGINAL TRANSDUCER

- 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

SMART FUSION IMAGING PACKAGE FOR APLIO 500 PLATINUM

SMART FUSION MOUNTING KIT

Includes magnetic sensor.

SMART FUSION IMAGING KIT

Smart Fusion imaging software.

FUSION BRACKET FOR PVT-382BT/FS

Fusion bracket for PVT-382BT/FS.

Prerequisite: V2.1 or later

SMART NAVIGATION

Smart Navigation displays virtual needle path of up to 3 needles simultaneously using a position sensor on the needle.

Prerequisite: Smart Fusion Imaging Package

SMART NAVIGATION

Smart Navigation displays virtual needle path of up to 3 needles simultaneously using a position sensor on the needle.

SMART NAVIGATION SENSOR

SUPERB MICROVASCULAR IMAGING (SMI)

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

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.

BARCODE READER

Laser handheld barcode reader.