

AQ/LB-SERIES/ONC/S.000

AQUILION LARGE BORE CT SCANNER - ONCOLOGY

Aquilion Large Bore Series (Aquilion LB), with Adaptive Iterative Dose Reduction 3D (AIDR 3D), is a large bore Computed Tomography (CT) scanner that provides improved patient positioning with outstanding image quality and clinical performance for today's radiology and oncology suites.

The system was designed for improved patient positioning and image quality necessary for CT simulation, oncology treatment planning, interventional radiology procedures and bariatric patients. This includes:

- Widest bore opening in the industry (90 cm) for easy patient positioning and maximum flexibility for treatment planning, and
- Largest true (non-extrapolated) field-of-view (70 cm), which covers more anatomy with greater accuracy than ever before by using Toshiba's PUREViSION PLUS Detector.

The Aquilion LB solves one of the biggest problems faced in oncology – the positioning of a large patient on a breast board with both arms up and the board tilted to its maximum (25%).

The Aquilion Large Bore Series scanner includes Aquilion's best-in-class, PUREViSION detector with 0.5mm elements. Aquilion LB's PUREViSION detector provides true isotropic resolution to radiology and oncology alike. Capable of reconstructing 32 unique slices with every rotation using Toshiba's proprietary coneXact algorithm. The Aquilion LB enables the user to scan in one plane and reconstruct information in another plane with the same image quality. This allows clinicians to use 3D volumetric information when needed. Aquilion LB's PUREViSION detector is the only detector to provide three slice-width combinations – 16x0.5, 16x1 and 16x2 mm – and it achieves an industry-leading, low-contrast resolution without using additional dose.

The combination of a high-speed scanner and a powerful, high-voltage generator meets every diagnostic requirement. Solid-state, multi-row detectors and optimal reconstruction techniques ensure high-quality images. A high-performance CPU, large color monitor, hybrid keyboard and refined Graphic User Interface (GUI) make the operating environment highly efficient.

COMPONENTS

- Large-aperture, 90 cm, slip-ring gantry and extra-wide couch (47 cm)
- 72 kW High-frequency X-ray generator and 7.5 MHU high-heat-capacity X-ray tube
- Ergonomic operator console

- Volumetric image processor
- High-capacity hard disk
- CD-R / DVD-RAM Drive – 9.4 GBytes (double sided DVD RAM)
- Image data transfer link
- Patient comfort accessories
- Operator manuals and quality assurance phantoms

KEY FEATURES

Single-Energy Metal Artifact Reduction (SEMAR)

SEMAR (Single-Energy Metal Artifact Reduction) technology employs a sophisticated reconstruction algorithm to reduce artifacts caused by metal while improving visualization of the implant, its supporting bone and adjacent soft tissues for accurate imaging.

SEMAR can be used in routine low-dose scans, and the combination with AIDR 3D provides the best possible image quality without the need for a dedicated scan procedure or additional radiation exposure. It can be used with Helical scan mode. Toshiba will include SEMAR with each system as a value add.

** Bone structures near the metal-tissue interface may become distorted. Metal artifacts may not be completely removed in areas near the metal material. Comparison with the original images is suggested when performing diagnosis using SEMAR images.*

Improved Patient Positioning: The industry's largest aperture of 90 cm and the 70 cm true reconstruction field-of-view provides extreme flexibility during CT simulation and improved treatment planning.

Routine Fast Scanning: Using slip-ring technology, Aquilion LB is able to perform 0.32-second partial scans and 0.5-second routine scans to meet the demands of dynamic and helical examinations.

High Image Quality: The Aquilion LB features 994 channels in 40 rows of solid-state detectors; specialized, user-selectable, image-reconstruction algorithms; and a wide selection of slice thicknesses that provides 32 slices of high quality images. The system provides outstanding low-contrast resolution of 2 mm at 0.3% and high-contrast resolution of 0.35 mm.

High-Power Generator: Robust, high-voltage circuits generate 72 kW of power and 600 mA, providing support for the 7.5 MHU X-ray tube that makes possible helical scans up to 100 seconds and scans with metal-free scan range of up to 1,800 mm.

Multiple kV Selections: 80, 100, 120 and 135 kV.

Fast Image Reconstruction Time: Up to 22 images per second.

SURETechnology: Real-time helical display, which provides instantaneous visualization of acquired images, allows the operator to rapidly assess if additional images are needed. SUREStart bolus tracking software, which is included in the standard configuration, provides the ability to monitor contrast media in real-time.

Easy Operation: Perform easy operations using the 18-inch LCD monitor, mouse and hybrid keyboard. Scan automatically by programming procedures with eXam Plan and vocal instructions through VoiceLink™.

Optimal Space Utilization: The Aquilion LB has only three components – gantry, couch and console – with a footprint of only 27 square meters.

DOSE-REDUCTION FEATURES

Aquilion LB Series reinforces Toshiba's guiding principle of ALARA for every patient. To achieve this, Aquilion LB Series has an array of adaptive and integrated dose-reduction strategies that are implemented at every stage, from patient registration to image reconstruction. In addition, patient dose reduction is integrated into the console software, so it activates prior to turning on the x-ray beam.

Adaptive Iterative Dose Reduction 3D (AIDR 3D)

AIDR 3D is the third generation in the evolution of Toshiba's iterative reconstruction technology. AIDR 3D is an iterative algorithm intended to reduce pixel noise from the original data, the results analyzed, and the process repeated until the target level of noise-reduction is achieved. This iterative algorithm is superior in reducing background noise while preserving diagnostic information compared to non-iterative approaches.

AIDR 3D can be integrated into all acquisition modes for routine clinical use and is able to remove image noise resulting in dose reduction. This feature, a value, is included in each Aquilion LB Series at no additional charge.

SUREExposure3D (x, y, z automated mA modulation software)

Toshiba's SUREExposure3D software automatically adjusts the mAs based on patient anatomy to adapt to and compensate for changes in attenuation level.

Quantum Denoising Software - QDS (Adaptive Noise Reduction)

Toshiba's Quantum Denoising Software is an adaptive noise reduction algorithm that works in the image data space by preferentially smoothing areas of uniform density while preserving the edge information of the image. QDS works in both two and three dimensions and can drastically reduce image noise, thus lowering dose. Most importantly, QDS works in conjunction with the ^{SURE}Exposure3D software to adjust the mAs based on the expected noise reduction from QDS. In this way, patient dose reduction is totally integrated in the Aquilion console software prior to turning on the x-ray beam.

^{SURE}Exposure3D (x, y, z automated mA modulation software)

Toshiba's ^{SURE}Exposure3D software automatically adjusts the mAs rapidly during the scan to adapt to and compensate for changes in attenuation level produced by the non-uniformity of the anatomy being imaged. Therefore, as the scan moves from the shoulders to the lung, the mAs goes down, and as the tube rotates around the patient, less mAs is used anterior-posterior than laterally. Sure Exposure helps reduce dose while maintaining image quality.

Boost3D

Boost3D is an adaptive, three-dimensional algorithm that virtually eliminates degradation of image quality due to highly attenuating anatomical structures, such as the pelvis or shoulders. Without dose reduction algorithms, like Boost3D, these highly attenuating areas require increased mAs and kVp to overcome the low photon count. Instead, Boost3D seeks out portions of the raw-projection data where there is a disproportionate loss in x-ray signal and applies a three-dimensional algorithm locally to reduce the image noise and streak artifacts.

NEMA XR 25, XR 26 and XR 29

Aquilion PRIME Series ELITE meets the National Electrical Manufacturers Association's (NEMA) Medical Imaging & Technology Alliance (MITA) standards XR 25, XR 26 and XR 29.

- MITA XR 25 Computed Tomography Dose Check
 - Includes dose alerts and allows facilities to set dose notification values.
- MITA XR 26 Access Controls for Computed Tomography: Identification, Interlocks, and Logs
 - Provides access control ensuring only authorized operators can alter controls of the CT equipment.
- MITA XR 29 Standard Attributes on Computed Tomography (CT) Equipment Related to Dose Optimization and Management
 - Smart Dose standard bundles four important features to ensure that equipment produces high-quality diagnostic images while supporting patient safety:
 - DICOM Structured Reporting

- CT Dose Check
- Automatic Exposure Controls,
- Pediatric and adult reference protocols.

EQUIPMENT DESCRIPTION

Aquilion LB Gantry

The Aquilion LB gantry uses a direct-drive design to provide accurate alignment between beam and detector, and to reduce rotational noise for higher-quality images.

A low-voltage slip ring assures reliable, continuous power transfer.

- Digital signal transmission facilitated by innovative optical-coupling technology moves information to the volumetric image processor
- Generator is inside the gantry to conserve space

Other features include:

- Industry's largest aperture: 90 cm
- Five scan fields of view: 24, 32, 40, 55 and 70 cm
- Gantry controls on both sides (right and left)
- Patient positioning lights
- Wide range of scan times provides greater flexibility for optimal image quality (0.32 partial; 0.5, 0.75, 1, 1.5, 2 and 3 seconds full)
- Slice thickness selections of 16x0.5, 16x1 and 16x2 mm with the capability of stacking images to the desired slice thickness

CT Console

- Consists of hybrid keyboard, mouse, monitor and Navibox
- Controls the entire system, including power
- Image display
- Scanoscope control
- Remote control of couch-top movement
- Window level and width adjustment
- Three preset windows can be stored in the eXam Plans
- Other mouse-operated, image-processing functions
- High line-rate, 18-inch LCD monitor
- Displays images in 512x512 or 1024x1024
- CT number display ranges from -1,536 to +8,191
- 32 programmable voice commands

* Dual console (optional)

X-ray Tube

The Aquilion LB is equipped with the MegaCool™ X-ray tube. This compact, high-performance tube was designed specifically to minimize tube-cooling delays in heavy patient-load conditions using 0.5-second scan time.

Other features include:

- Dual focal spots
- Anode capacity of 7.5 MHU
- Dissipation rate of 1,386 kHU per minute maximum

Detectors

The PUREViSION detector design allows Toshiba to generate a 70 cm true field-of-view – the largest in the industry – for improved positioning.

Other features include:

- PUREViSION solid-state detector array
- Low-contrast resolution of 2 mm at 0.3%
- 994 detector channels and 40 rows of detector elements
- 1,800 views per second to produce high-resolution images

Computer

- Two 64-bit processors
- Windows 7 Operating System
- Capable of simultaneous scanning, reconstructing, archiving and filming without interruption – true multi-tasking system
- Ultra-fast, 217 GB hard disk
- 100,000 images on both scan and display console
- 3,600 rotations of raw data maximum
- CD-R / DVD-RAM Drive – 9.4 GBytes (double sided DVD RAM)
- DICOM CD writer (*option*) – Archive up to 1000 images

PATIENT AND IMAGE MANAGEMENT

Patient Demographics Management

- Enter individual patient information at the time of examination manually or imported from Modality Worklist Management query.
- On-line patient appointment file management

Image Management

Aquilion LB images can be stored on hard disk, magneto-optical disk or transferred via gigabit Ethernet connection using DICOM 3.0 standards.

DICOM 3.0 (Storage SCU)

- Allows the CT scanner to export images to CT simulation, 3D workstations or any other device on the network
- Consists of software only and utilizes pre-existing Ethernet ports on the CT scanner to connect to a coax-Ethernet-based network running TCP-IP communication protocols
- The system can be set to automatically transfer images to the network after an exam is complete

DICOM 3.0 (Print SCU)

- Allows the CT scanner to send image data that has been acquired and reconstructed to a film imager for printing via Ethernet in conformance with DICOM 3.0 standards

Image Display

- Display in multiple formats ranging from 1 to 16
- Overlay an inset scanogram for quick reference marking
- Add, subtract, rotate or filter images
- Adjust window width and level non-linearly, accommodating up to six built-in curves and six user-defined curves

IMAGE QUALITY ENHANCEMENTS

Automatic, 2-Pass, Beam-Hardening Correction (BHC): Compensates for the non-uniform, beam-hardening effect of bone for more accurate reconstruction. Reduction of streak artifacts in the posterior fossa and elimination of cupping artifact in the mid-brain.

Reconstruction Algorithms: Grouped by anatomical application, more than 50 algorithms are provided for customized image reconstruction according to the diagnostic information needed or physician preference.

HELICAL SCAN & FUNCTIONALITY

MultiView: Built into protocol for fast, multi-planar reconstruction in batch mode specifically for multislice data sets. Coronal, sagittal and axial images are created from isotropic volume data.

3D Imaging: Provides excellent image quality with surface shaded-renderings and volume-rendered 3D images. Provides zooming and panning over the 3D surface and performs distance measurements. Other features include:

- 3D surface display
- 3D shaded volume display
- Maximum intensity projection (Max - IP)
- Minimum intensity projection (Min - IP)
- Intensity volume rendering

Quantitative Analysis

- Profile display of CT numbers along a selected line in the axial plane
- Distance measurement and display
- CT number display
- Histogram display

Annotation

- Four lines of comments and arrow display
- 36 exam information fields that can be selectively masked or shown depending on site requirements

eXam Plan Protocols

- 684 eXam Plan protocols that can be adjusted while scanning
- Four preset reconstructions
- eXam Plan sets can be stored on optical disks and copied to other Toshiba scanners

Archiving

- Can be automated with each eXam Plan
- Data can be stored on and retrieved from MOD
- Raw data and image data can be protected to prevent deletion

Filming

- Auto filming can be set as part of the eXam Plan
- Images are displayed in 512x512 or 1024x1024

CUSTOMER CARE SERVICES

Toshiba CT ePROTECT Authentication and Malware Protection Device

eProtect is the quickest, simplest, and most secure protection for Toshiba equipment. eProtect is a specially configured network device designed to isolate Toshiba medical products from hospital network traffic. eProtect will control and limit traffic into and out of Toshiba Products to allow DICOM services like Modality Worklist, Storage to PACS and workstations, Query & Retrieve, etc.

At the same time, eProtect restricts unnecessary network traffic from reaching the medical device. This unnecessary network traffic could be, but is not limited to viruses, malware, and malicious attacks. Toshiba has found this to be the best form of malware protection for Toshiba imaging equipment. eProtect is provided *free of charge to Toshiba warranty and service agreement customers*. This feature, a _____ value, is included in each Aquilion at no additional charge.

InnerVision™ Plus

Remote system diagnostics are available around-the-clock to help identify problems and provide potential solutions before care is interrupted or an engineer can arrive. InnerVision Plus is included at no charge and connected while any CT is under warranty, or any service agreement including Full Service, In-House Support, Partnership and/or VISN Master Service Agreement

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*

APPLICATION TRAINING

Each system includes a two phase education program and the industry exclusive Performance Pro guarantee.

Performance Pro is a unique approach to education utilizing blended learning with the promise of technical proficiency and optimal productivity. If for any reason the customer is not satisfied with any portion of the training, Toshiba will conduct that portion of the training again, at no charge.

Choice of two (2) Medical Imaging Consultants self-study programs; The CT CrossTrainer and/or The CT Registry Review Program.

The CT CrossTrainer is designed to acquaint the less-experienced technologist with important CT principles, technology and clinical exams. The program consists of 6 comprehensive StudyModules that have been accredited for 17 Category A CE credits; credits are earned by passing a post test for each StudyModule.

The CT Registry Review Program is designed to help the experienced CT technologist prepare to pass the ARRT's post-primary exam in CT. The course consists of 8 comprehensive StudyModules that have been accredited for 19 Category A CE credits; credits are earned by passing a post-test for each StudyModule.

Phase I: An initial thirty-two (32) hours, of on-site education will be provided at the customer facility following system go-live. This training is provided for up to four (4) imaging including to focus on maximizing CT simulation scanning techniques and protocols for radiation therapy planning. Training is scheduled consecutively, Monday through Friday, with Monday mornings and Friday afternoons scheduled as travel time for the applications specialist. CE credits are earned by participants that attend the Phase II training event in its entirety.

Phase II: An additional twenty-four (24) hours of on-site education will be provided for the same four (4) imaging professionals, which participated in Phase I training, approximately 6-8 weeks following installation to optimize staff proficiency and system productivity.

Note: Toshiba personnel are not responsible for scanning patients, patient safety, any actual patient contact, or operation of equipment during education sessions. Toshiba will only demonstrate proper equipment operation.

The training is offered to the Customer at no charge, providing that it is completed no later than one (1) year after the warranty start date.

COMPONENT SUMMARY:

<u>PART NUMBER</u>	<u>QTY</u>	<u>DESCRIPTION</u>
	1	AQUILION LB HIGH CAPACITY EXTENDED COUCH
	1	CT SCANNER AQ LB WITH HIGH CAPACITY EXTENDED COUCH
	1	ACCESSORY KIT FOR HIGH CAPACITY COUCH Includes each of the following items: <ul style="list-style-type: none">• Rolled Edge Foot Extension Pad• Wide & Medium Security Straps• Chin and Forehead Straps• Adult Head Rest Pads (Medium and Large)• Tilt Wedge• Knee Support Wedge• Coronal Head Support• Table Pad• Protective Table Covers (Box of Four)• Detachable Rail 77"
	1	CT PHANTOM Measures image quality to ensure compliance to Toshiba standards for: <ul style="list-style-type: none">• High-contrast resolution• Low-contrast resolution• Slice thickness• Noise• Contrast scale
	1	CONSOLE DESK 65" X 36" X 30" Measures 65" x 36" x 30"
	2	CHAIR WITH ADJUSTABLE ARMS AND BACK
	5	MEDIA FOR DVD-RAM DRIVE (9.4 GB) <ul style="list-style-type: none">• 9.4 GB• Two-sided
	1	NON-CORROSIVE FLOOR LEVELING EPOXY KIT

- 1 **DICOM 3 MODALITY WORKLIST MANAGEMENT (MWM) SERVICE CLASS USER (SCU) SYSTEM**
Allows the CT system to obtain details of patients and scheduled examinations electronically from the HIS/RIS system, avoiding the potential mistakes of manual entry.

Note: This option does not include a DICOM gateway for the HIS/RIS system.

**UPS-CONSOLE-
U6K.100**

- 1 **CONSOLE UPS 6 KVA FOR AQUILION RXL & LARGE BORE SERIAL# 2075 OR HIGHER**
Wesemann 6 kVA uninterruptible power supply and connection kit for Aquilion RXL and Large Bore CT consoles.

Note: Available on Aquilion RXL serial number 2075 and later & LB serial number 2075 and later ONLY

- 1 **WESEMANN UPS U6000 FOR AQUILION RXL, LARGE BORE & LIGHTNING**

- 1 **WESEMANN UPS U6000 CONNECTION KIT**

AQ/PDU

- 1 **TOSHIBA POWER DISTRIBUTION UNIT**
The PDU is engineered to address common power problems found in the hospital environment and to isolate the CT system components to meet IEC 60601-1 Third Edition requirements. This is important to assure optimal reliability and performance of CT systems. Customer is responsible for complying with Toshiba's site specifications for electrical power.

This device provides most of the electrical site preparation requirements of Toshiba CT systems. The PDU contains a low impedance isolation step-down transformer with a shielding plate between primary and secondary.

Voltage Conversion

Wiring costs are significantly reduced since the PDU accepts a single, 480V delta input, supplying 200V to the generator and the various other parts of the system.

Distribution

The PDU comes prepackaged with the distribution breakers needed for each system feed. Having all system breakers in one location also makes it easier for service personnel to remove power.

Installation

Installation is much faster, more predictable, and less expensive with a factory-assembled and tested system.

MT-AKS-TMS	1	KNEE AND FOOT WEDGE SUPPORT Designed to stabilize the lower legs in a supine patient set-up to offer comfortable support and a minimum level of immobilization, reducing pelvic rotation.
MT-WB08T	1	EXTENDED WING BOARD Lightweight, comfortable, and economical device for supporting a patient's arms and elbows at approximately 30 degrees with hands overhead. Designed for both treatment and diagnostic imaging of the thorax, upper abdomen and breast.
MT-20100-TMS	1	HEAD AND NECK PACKAGE Head and neck patient immobilization system for improved accuracy in treatment positioning reproducibility. Includes standard base plate, thermoplastic masks and warmer.
CSTC-002A/2B	1	EXTENDED FIELD OF VIEW This software identifies the extent to which the patient body and patient immobilizing devices are visualized outside the XL scan field of view (70 cm) in Large Bore CT Scanner. <ul style="list-style-type: none">• For reconstruction, a reconstruction field with a diameter of up to 850 mm can be specified for the raw data acquired with an FOV of XL• The anatomy of the patient that extends outside the XL FOV can be visualized <i>Prerequisite: Software V3.1ER000 or higher</i>
TABLE-INSERT-HC-EXT.100	1	CIVCO TABLE INSERT KIT FOR HIGH CAPACITY EXTENDED COUCH (AQUILION VISION, ONE, PRIME, LB, LIGHTNING) The TABLE-INSERT-HC-EXT kit includes the table mounting Bracket and a Universal Couchtop™ with an IPPS™ CT Couch Overlay.
	1	TABLE TOP MOUNTING BRACKET FOR HIGH CAPACITY EXTENDED COUCH (BRACKET ONLY) The table top mounting Bracket is used for securing CIVCO High Capacity Table Top insert. <i>Note:</i> <ul style="list-style-type: none">• Applies to the Aquilion Lightning and Aquilion Large Bore Extended 1800 mm couches

- When table top mounting bracket (CAFT-021A/1B) is sold separately a Universal Couchtop™ (MT-IL 6521) may be required.

1 CIVCO UNIVERSAL TABLE TOP INSERT FOR HIGH CAPACITY EXTENDED COUCH

The Universal Couchtop™ Overlay is designed to provide rapid, accurate, and repeatable patient setup and localization. The Civco Prodigy 2 (every 7 cm) indexing system provides convenient and consistent orthogonal alignment.

- Optimum patient comfort
- Treatment flexibility
- Quick set-up and ease-of-use
- Highly repeatable patient positioning

Note:

- Applies to Aquilion ONE family, Aquilion PRIME family, and Aquilion Large Bore High Capacity 300 kg 2000 mm couches.
- When Universal Couchtop Overlay (MT-IL 6521) is sold separately a mounting Bracket (CAFT-021A/1B) may be required.

CT-4-3-P/G

1 GREEN LASER ISOCENTER MARKING SYSTEM - POST MOUNTED

The CT-4-3 consists of a single overhead moving line laser to project the sagittal plane, two moving lateral lasers to project the coronal plane, and fixed lasers to project the axial plane.

**VE-VIT-TUSSTDNUCMED
PKG-3.100**

1 VITREAEXTEND STANDARD NUCLEAR MEDICINE PKG MIRADA RTX VALUE PLUS & ONCOLOGY FUSION STANDARD WITH HW - THREE CONCURRENT USERS

VitreaExtend Standard Nuclear Medicine Package for three diagnostic professionals to view and evaluate anatomy and pathology at 5 access points with Mirada RTx Value Plus and Mirada Oncology Fusion Standard software. Mirada Oncology Fusion Standard is an integrated multiple modality software application for the evaluation of oncologic disease. It combines the abilities of CT, MR, PET and SPECT imaging into a single viewer. Oncology Fusion workflows are seamlessly blended onto the VitreaExtend platform. Offering outstanding image quality and clinical flexibility, this VitreaExtend package includes the following:

- One year software maintenance and warranty upon delivery
- The VitreaExtend workstation with 24 inch display
- Three concurrent user licenses with VitreaExtend Standard Oncology and Mirada RTx Value Plus software
- Remote Access Software for up to Five user provided access points
- Five hours Remote Professional Services

- Two on-site days of education from Mirada Medical
- Customer must sign Vital Images software license agreement

Does not Include any Vitrea Applications or Workflows
VitreaExtend does not support full PACS integrations.

Rights to professional services offered with the software license will expire 6 months from the delivery date of the software to the customer or, if purchased separately, 6 months from receipt of PO. Rights to education offered with the software license will expire 12 months from the delivery date of the software to the customer.

Mirada's RTx Value Plus software contains all the tools necessary to determine an isocenter, edit contours, and export to TPS systems. The specific capabilities of Value Plus are.

- One Click isocenter placement
- Manual contouring tools in any plane
- Create and export RTSS objects
- Write RT plan

Mirada Oncology Fusion Standard seamlessly blends Oncology Fusion workflows onto the VitreaExtend platform:

Key Features

- Industry leading comprehensive PET/CT reading platform
- Custom layouts, custom reports and hotkeys for any tool
- Rigid Multi-modal Fusion
- Support for Response Evaluation Criteria in Solid Tumors (RECIST), PET Response Criteria in Solid Tumors (PERCIST) and World Health Organization (WHO)
- Automatic deformable image alignment of datasets upon load

CTT2100G

1 CT AQ RXL BIOMED TRAINING COURSE - TUITION ONLY (10 DAYS)

This ten day clinical biomed engineer-focused course held at the Institute of Advanced _____ is for Engineers experienced in CT and diagnostic imaging who will service Aquilion16 RXL CT scanners. The training course will focus on basic operation, preventative maintenance, and troubleshooting and repair procedures for the most common system problems on the Aquilion16 RXL scanner.

This course will be conducted with a blend of instructor led classroom discussions, quizzes and laboratory hands-on practice. The system used in this course is model TSX-101 A/R. This class may also be appropriate for students servicing Aquilion16 Large bore 2nd generation and 3rd generation (Models: TSX-201A/2, /3).

Students must bring notebook computers equipped with Pentium-class CPUs, 10GB of available hard disk space, Windows 7, DVD/CD-ROM drive, a serial port (RS232), crossover serial cable, and Ethernet wired network connectivity. Laptops are not available to borrow or rent during class.

OPTIONS

AZ-733VI.100

**ANZAI AZ-733VI RESPIRATORY GATING SYSTEM WITH LASER
SENSOR**