TOSHIBA
MEDICAL

Together, we complete the image.

Made For life

PROGRAM & NEWS GUIDE

MARCH 1 – 5, 2017

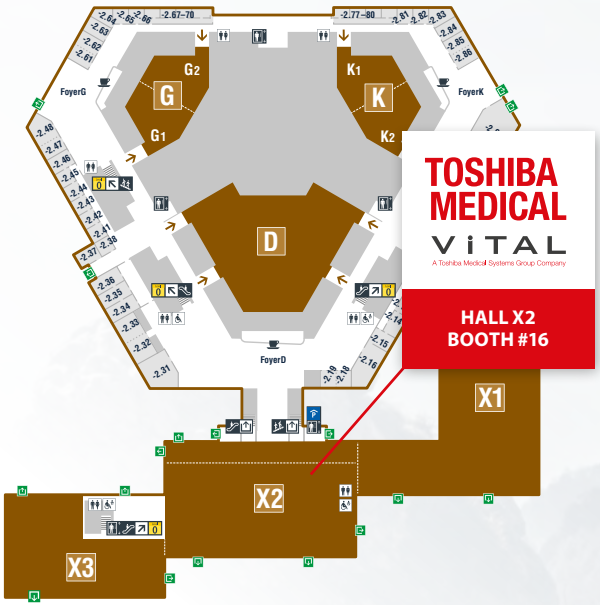
ECR2017 | BOOTH #16 (HALL X2)

Toshiba Medical's Booth #16 (Hall X2)

With major product launches in every modality and release of a new campaign, everyone in attendance will surely take note of Toshiba Medical's strength in the market place and the booth will surely be a 'go-to destination' for you when visiting the ECR Technical exhibition.

At ECR 2017, Toshiba Medical will show an exciting line-up of products in each modality.

Toshiba Medical's products are designed with patients in mind, and because it is not only about products and IT solutions, together we also work on an education plan that meets customers' every need and we develop service solutions tailored to their business.



Visit booth #16 (Hall X2) and get your free cartoon within 2 minutes!

Together, we complete the image.
Come and visit our booth #16 in Hall X2 and get your own free cartoon image within 2 minutes made by a professional!

In addition to your unique cartoon drawing, you will find the Toshiba Medical calendar 2017 printed on the bottom of the sheet.

Follow, share and like us on social media!
#GYCartoon @toshiba_med #ECR2017

Olea medical
Improved diagnosis for life™
BOOTH G/6 (FIRST LEVEL, EXPO GALLERY)

X-RAY

Ultimax-i
The incorporation of a C-arm permits the region of interest to be observed from various angles. In addition, the combination of a 43 cm × 43 cm FPD provides a large image field for a wide variety of examinations.

Xantara
The digital, remote-controlled Xantara delivers exceptional DR /RF imaging across a wide range of radiology applications and provides optimal comfort and safety for patients and operators.

OrthoMod 3D
A new 3D spinal imaging technology that combines optic information about back morphology with a classic radiographic image of the spine (stitching) to yield a 3D model of the vertebral column.

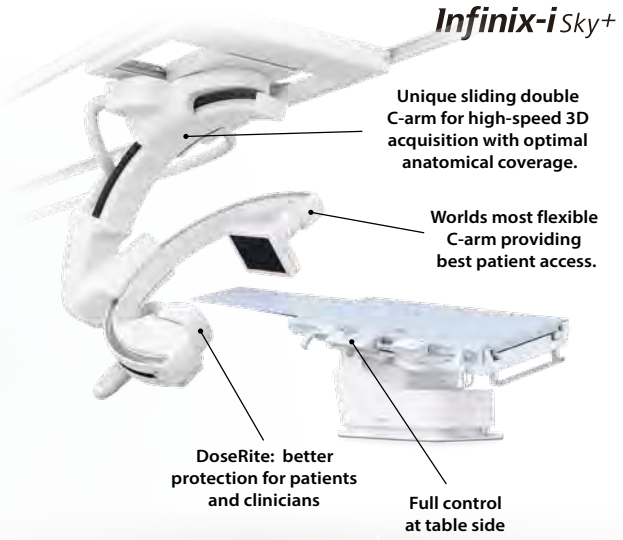
The 3D model gives a complete view of the spine so practitioners can thoroughly evaluate spine deformities in pathologies including scoliosis, kyphosis, vertebral compression, posture and balance anomalies, and dorsopathy. The 3D model provides valuable information about the rotations and twists in the spine that are not possible to evaluate in traditional 2D.

INTERVENTIONAL RADIOLOGY

Infinix-i Core
Designed specifically for routine interventional vascular procedures with a compact single plane C-arm at an affordable price-point.

Infinix-i Core +
Our patented multi-axis single-plane, floor-mounted system achieves outstanding angulations that are optimal for routine and complex interventional radiology procedures. Ergonomic design allows monitor viewing at any point in the room, designed to help clinicians improve clinical workflow.

Infinix-i Sky
The Infinix-i Sky is designed to move around you and your patient so procedures can be performed more comfortably, safely and efficiently. Achieve optimal angulations with unprecedented head-to-toe and fingertip-to-fingertip coverage. Continuously maintains a heads-up display during compound angles with synchronized rotating collimator and FPD.



Infinix-i Sky +
With 3D imaging anywhere, the Infinix-i Sky + combines Toshiba Medical's unique sliding double C-arm design to deliver unprecedented flexibility and quality. With an innovative C-arm flip and 3D imaging from anywhere, head-end, left or right side, the system is ideal for advanced interventional radiology and oncology procedures.

INTERVENTIONAL RADIOLOGY

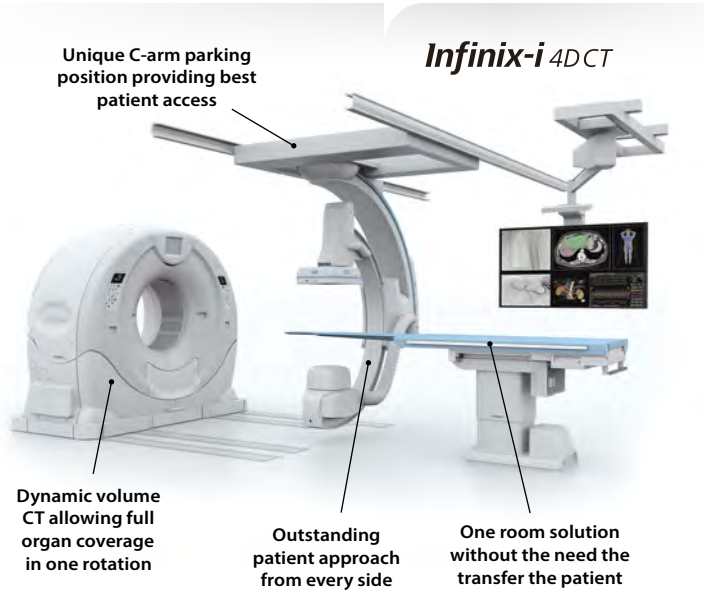
Infinix-i Hybrid
Optimized and comfortable hybrid OR environment. The flexible clinical concept of Infinix-i Hybrid allows you to create a fully customized hybrid solution to exactly meet your specific clinical needs. Many years of experience in imaging, research and intervention place us at the forefront of hybrid technology development.

Infinix-i Hybrid +
Designed around clinicians, staff and patients in order to maximize flexibility, minimize exposure and optimize image quality during your hybrid procedures combined with high speed 3D anywhere. So for any procedure you're always perfectly positioned for greater efficiency and patient safety.

Infinix-i Biplane
The only 3-in-1 biplane room that combines the flexibility of floor- and ceiling-mounted positioners with simplified biplane positioning for unprecedented access and coverage. Designed for interventional neuro procedures, the system operates as a fully functional single plane system when the lateral plane is not required.

Infinix-i Dual plane
The only system without any compromise in the market offering two dedicated C-arms with different FPD sizes to help clinicians treat more patients cost-effectively, with the ability to perform cardiac and vascular procedures in one and the same room.

Infinix-i 4D CT
Seamlessly integrates the interventional lab together with a Dynamic Volume CT covering an entire organ in one rotation. This clinical concept allows clinicians to plan, treat and verify in a single setting during high-risk procedures.



COMPUTED TOMOGRAPHY

ONE Aquilion GENESIS Edition

Transforming clinical confidence
Transforming patient experience
Transforming your workspace

Aquilion ONE / GENESIS Edition

Aquilion ONE / GENESIS Edition transforms CT thanks to innovative patient centric solutions. Laser collimation enables CT scanning with the ease of conventional X-ray therefor transforming patient experience, PUREViSION Optics takes routine imaging to new levels of detail and low contrast resolution transforming your clinical confidence. Toshiba Medical's zero-click algorithms make your work flow and the small installation space required for the GENESIS Edition transforms your workspace.

Aquilion ONE / ViSION EDITION

Aquilion ONE / ViSION EDITION offers all patients a successful examination, with the lowest possible radiation exposure and the highest quality diagnostic outcomes.

Aquilion PRIME

Aquilion PRIME incorporates cutting-edge technologies designed to meet your current and future clinical needs.

Aquilion Lightning SP

Aquilion Lightning SP includes the latest 80-row PUREViSION detector which provides you a highly economical system with maximum clinical capabilities.

Aquilion Lightning

16-row helical CT system for whole-body imaging, employs cutting-edge technologies to optimize patient care and accelerate clinical decision making.

10 Years of Area Detector CT

10 YEARS AHEAD
Area Detector CT

Described as 'a breakthrough CT system' at the time, Toshiba Medical introduced the Aquilion ONE™, the world's very first dynamic volume CT scanner, in 2007. Driven by the clinical need for a volume scanner, the Aquilion ONE's unique Area Detector opened doors to new ways of medical imaging. Ten years later, Toshiba Medical is celebrating this memorable introduction.

The introduction of the Aquilion ONE proved to be just the start of a revolutionary new way of medical imaging. With the launch of the new system in 2007, it became possible for physicians to not only view a three-dimensional depiction of an organ for the first time, but also the organ's dynamic blood flow and function.

Both helical and multislice imaging are great milestones in the history of CT. The Aquilion ONE provided the next leap forward in CT technology. Unlike any other CT system, it provided the possibility to scan organs (including the heart, brain and others) in one rotation, because it covers up to 16 cm of anatomy using 320 ultra-high resolution 0.5 mm detector elements.

As clinical needs continually change, Toshiba has collaborated with Key Opinion Leaders globally to further improve CT capabilities and push the boundaries of imaging even further forward. As new software developments provided more powerful tools, the possibilities for volumetric imaging extended even further.

With the introduction of the Aquilion ONE™ ViSION Edition in 2012, faster acquisitions became possible, enabling higher heart rates to be imaged at lower dose and even faster pediatric scans to be made. Together with the introduction of iterative

reconstruction techniques and the efficient PUREViSION detector, another important leap forward in development in the evolution of dynamic volume CT occurred. The PUREViSION detector delivers 4D dynamic capabilities at high resolution with dose levels approaching those in routine diagnostic studies.

Just as Toshiba Medical revolutionized CT with the introduction of the Aquilion ONE in 2007 and the Aquilion ONE ViSION Edition in 2012, the introduction of the Aquilion ONE™ GENESIS Edition in 2016 marked the next step in Area Detector CT for Toshiba Medical. The Aquilion ONE GENESIS Edition provides the user with techniques similar to conventional X-ray. Additionally, the system is smaller, faster and is equipped with the latest PUREViSION Optics for improved image quality and lower dose.

This remarkable 10-year journey has resulted in unique software features and hardware developments that have changed our perspectives on CT. During our celebration of ***'10 Years of Area Detector CT'*** you will discover and learn more about the beginning, present and future of Toshiba Medical's Area Detector CT.

SATELLITE LUNCH SYMPOSIUM — CT MARCH 2

12:30 – 13:30 | ROOM F2 (ENTRANCE LEVEL)

Ten years of area detector CT

10 YEARS AHEAD Area Detector CT

Chair:
Prof. Mark A. van Buchem (Leiden University Medical Center, Leiden, The Netherlands)

Speakers:

A brief technological overview of area detector CT
Mr. Naoki Sugihara (Toshiba Medical Systems Corporation, Nasushiobara, Japan)

Where we came from, where we are now, and the future
Prof. Kazuhiro Katada (Fujita Health University, Toyoake, Japan)

Area detector CT for pediatric applications
Dr. Michal Brzewski (Medical University of Warsaw, Warsaw, Poland)

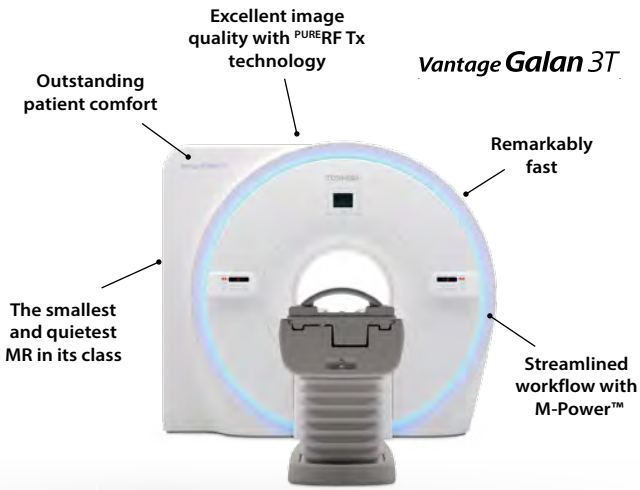
Area detector cardiac CT imaging: arrhythmia, low dose scans
Dr. Russell Bull (Royal Bournemouth Hospital, Bournemouth, United Kingdom)

Area detector CT advanced clinical applications: subtraction technology
Prof. Mathias Prokop (Radboud University Medical Center, Nijmegen, The Netherlands)

Area detector CT imaging for MSK applications
Prof. Alain Blum (Nancy University Hospital, Nancy, France)

⚠ **Note! Limited lunchbags available!**

MRI



Vantage Galan 3T

Toshiba Medical's Vantage Galan™ 3T offers a transformational experience for you and your patients in MR. By prioritizing the patient experience, image quality and clinical workflow, Vantage Galan 3T is designed to surpass your expectations – all delivered in the smallest and quietest MR in its class.

Vantage Titan 1.5T

State-of-the-art MRI system that incorporates a wide bore without compromising image quality. The scanner is quiet because of the Pianissimo technology which features vacuum-enclosed gradients. The intuitive M-Power graphical user interface enables fast, simple and effective operation of the scanner.

Vantage Elan

Comfort examinations for both operator and patient. Advanced Magnet system ensures a highly homogeneous static magnetic field.

Toshiba Medical has received the prestigious Green Apple Award for its Vantage Elan™ MRI System. The Green Apple Award is a global recognition of innovation that contributes to environmental best practice. Read more on page 21 or visit our booth#16 (Hall X2).

SATELLITE LUNCH SYMPOSIUM

MRI
MARCH 3

12:30 – 13:30 | ROOM F2 (ENTRANCE LEVEL)

Advances in musculoskeletal MR imaging

Chair:
Prof. Martin Zwaan (Ammerland Klinik, Westerstede, Germany)

Speakers:

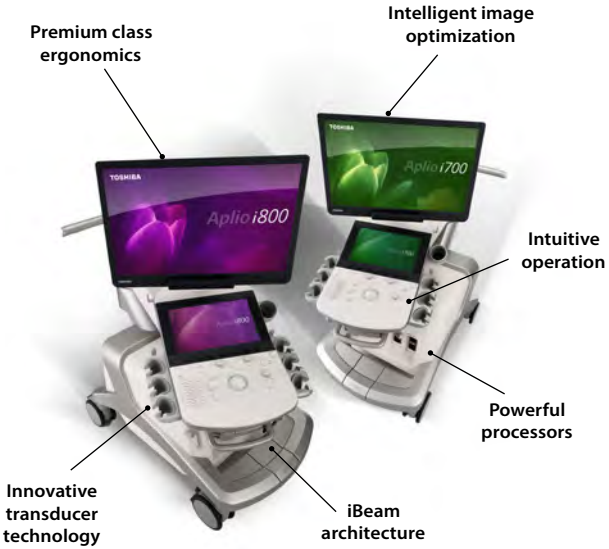
MR-Ultrasound fusion in clinical practice
Dr. Lluís Til (First team physician at FC Barcelona, Barcelona, Spain)

Functional imaging of striated muscle: perfusion and diffusion weighted imaging
Dr. Pedro Gondim Teixeira (Nancy University Hospital, Nancy, France)

Computed MRI in a nutshell
Mr. Bruno Triaire (Olea Medical, La Ciotat, France)

⚠ **Note! Limited lunchbags available!**

DIAGNOSTIC ULTRASOUND



Aplio™ i-series

Engineered to help you get the information you need to make confident decisions quickly, Aplio i-series elevates cardiovascular imaging to a new level of imaging precision, diagnostic performance and productivity. From the smallest to the toughest patients, Aplio's revolutionary iBeam architecture with dramatically increased processing power provides unprecedented imaging clarity and definition while significantly enhancing penetration.

Aplio™ Platinum Series

Delivers outstanding performance for superior clinical precision, diagnostic confidence and departmental productivity.

Xario™ Platinum Series

Today's healthcare environment is challenging. Xario Platinum Series meets your clinical demands with outstanding versatility, flexible workflow and consistent, high-quality imaging performance at an affordable price.

SATELLITE LUNCH SYMPOSIUM — ULTRASOUND MARCH 4

12:30 – 13:30 | ROOM F2 (ENTRANCE LEVEL)

See more. Earlier. Faster.

Chair:
Prof. Valerie Vilgrain (Beaujon University Hospital, Paris, France)

Speakers:

The expanded toolbox for ultrasound diagnostics
Prof. Thomas Fischer (Charité Universitätsmedizin, Berlin, Germany)

2D shear wave elastography of the liver – correlation with transient elastography
Dr. Maxime Ronot (Beaujon University Hospital, Paris, France)

Ultrasound-guided biopsies and interventions – Intuitive. Intelligent. Innovative.
Dr. Julien Garnon (Strasbourg University Hospitals, Strasbourg, France)

⚠ **Note! Limited lunchbags available!**

Together, we help you see more.

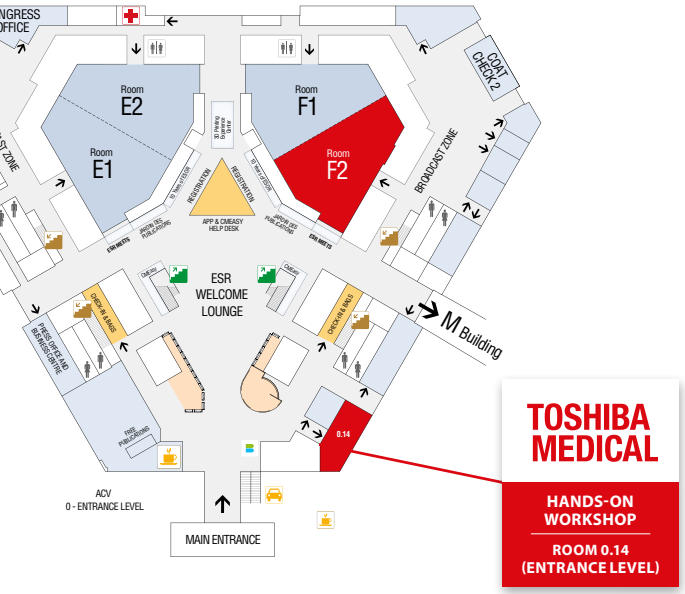
Toshiba Medical is offering a series of educational sessions for radiologists throughout ECR 2017. Each mentored workshop is preceded by a short lecture providing an overview on data acquisition, clinical use and image interpretation. Clinical cases will be analysed and interpreted by participants on the workstations provided. The maximum number of participants per session is 30 (2 participants per workstation). The workshop language is English.

HANDS-ON WORKSHOP — HII / ULTRASOUND — MARCH 1

12:30 – 14:45 | ROOM 0.14 (ENTRANCE LEVEL)

12:30 – 13:30 | HII
Lung tumor volumetry
Dr. Stefan Niehues (Charité Universitätsmedizin, Berlin, Germany)

13:45 – 14:45 | Ultrasound
Ultra-high frequency approach to diagnostics of shoulder and ankle
Dr. Jan Veryser (AZ Zeno, Knokke, Belgium)



HANDS-ON WORKSHOP — ULTRASOUND / CT — MARCH 2

10:00 – 17:15 | ROOM 0.14 (ENTRANCE LEVEL)

10:00 – 11:00 | Ultrasound
Ultra-high frequency approach to diagnostics of shoulder and ankle
Dr. Jan Veryser (AZ Zeno, Knokke, Belgium)

11:15 – 12:15 | Ultrasound
Shear wave elasticity imaging of the liver using propagation mapping
Dr. Giovanna Ferraioli (University of Pavia, Pavia, Italy)

12:30 – 13:30 | Ultrasound
Multiparametric ultrasound of the parotid gland
Prof. Dr. Vito Cantisani (Sapienza University of Rome, Rome, Italy)

13:45 – 14:45 | CT – Urography
Ultra-low dose CT urogram protocols
Dr. Mark Kon (Bradford Royal Infirmary, Bradford, United Kindom)

15:00 – 16:00 | CT – Metal artifact reduction
Minimizing artifacts in metal implants imaging
Dr. Pedro Gondim Teixeira (Nancy University Hospital, Nancy, France)

16:15 – 17:15 | CT – Pulmonary Angio
Diagnosis of pulmonary embolism
Dr. Russell Bull (Royal Bournemouth Hospital, Bournemouth, United Kindom)

⚠ *Please make sure to be seated in the Toshiba Medical Hands-On Workshop room **5 minutes before starting time** to ensure an undisturbed start of the session. If you arrive later, Toshiba Medical is allowed to assign your seat to another participant.*

HANDS-ON WORKSHOP
CT / HII / ULTRASOUND / MRI
MARCH 3

10:00 – 17:15 | ROOM 0.14 (ENTRANCE LEVEL)

10:00 – 11:00 | CT – Urography
Ultra-low dose CT urogram protocols
Dr. Mark Kon (Bradford Royal Infirmary, Bradford, United Kindom)

11:15 – 12:15 | CT – Metal artifact reduction
Minimizing artifacts in metal implants imaging
Dr. Pedro Gondim Teixeira (Nancy University Hospital, Nancy, France)

12:30 – 13:30 | HII
3D Printing
Prof. Jean-Paul Vallée (Hôpitaux Universitaires de Genève, Geneva, Switzerland)

13:45 – 14:45 | MRI and Ultrasound
MR-Ultrasound fusion in clinical practice
Dr. Lluís Til (First team physician at FC Barcelona, Barcelona, Spain)

15:00 – 16:00 | Ultrasound
Ultra-high frequency approach to small peripheral nerves
Dr. Alexander Loizides (Medical University Innsbruck, Innsbruck, Austria)

16:15 – 17:15 | Ultrasound
Advances in prostate ultrasound diagnostics and treatment guidance
Prof. Thomas Fischer (Charité Universitätsmedizin, Berlin, Germany)

HANDS-ON WORKSHOP
HII / CT
MARCH 4

10:00 – 16:00 | ROOM 0.14 (ENTRANCE LEVEL)

10:00 – 11:00 | HII
Lung tumor volumetry
Dr. Stefan Niehues (Charité Universitätsmedizin, Berlin, Germany)

11:15 – 12:15 | CT – Cardiology
Dedicated workflow for CT TAVI planning
Dr. Jim Stirrup (Royal Brompton Hospital, London, United Kingdom)

12:30 – 13:30 | CT – Pulmonary Angio
Diagnosis of pulmonary embolism
Dr. Russell Bull (Royal Bournemouth Hospital, Bournemouth, United Kindom)

13:45 – 14:45 | CT – Cardiology
Dedicated workflow for CT TAVI planning
Dr. Jim Stirrup (Royal Brompton Hospital, London, United Kingdom)

15:00 – 16:00 | HII
3D Printing
Prof. Jean-Paul Vallée (Hôpitaux Universitaires de Genève, Geneva, Switzerland)

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Together, we save time.

Together, we complete the image.

Made For life

TOSHIBA MEDICAL

Made for Life: Together, we complete the image.

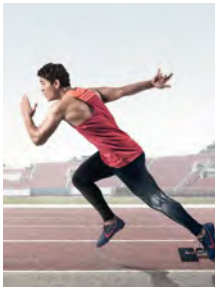
Toshiba Medical is rearming its commitment to its Made for Life philosophy and launching a new theme and advertising campaign called "Together, we complete the image".

This campaign supports our Made for Life philosophy by focusing on our tradition of customer collaboration, developing products that are made for clinicians, patients and partnerships.

At Toshiba Medical, we listen to customers to truly understand their needs in imaging and beyond. Our goal is to work hand-in-hand with our partners to deliver flexible solutions that not only meet their needs but deliver optimal health opportunities for patients.

Together, we complete the image.

XR/VL: **Together, we make optimal workflow possible**
CT: **Together, we save time**
MR: **Together, we put your patients at ease**
UL: **Together, we help you see more**
HII: **Health informatics offers true enterprise interoperability**



Toshiba Medical's environmental history goes back to **1975** when plans for an eco-friendly factory in Nasu, Japan were developed. In particular, water quality was of great concern in developing plans for the facility. A biological treatment and purification system was specially designed for the plant to return water used in the manufacturing process in a better state than the level required by regulations. This was the first advanced factory water-treatment facility in this industry. In a pond between the water-treatment system and final river sluice, **Koi Carp** thrives, symbolising the inextricable connection between the environment and industry.

Toshiba Medical Receives Green Apple Environment Award 2016

Toshiba Medical has received the prestigious Green Apple Award for its Vantage Elan™ MRI System. The Green Apple Award is a global recognition of innovation that contributes to environmental best practice.

The new, mobile Vantage Elan MRI scanner has the smallest-in-class installation space (approximately 23 m^2), but offers patients and clinicians almost 50% more inside space than conventional mobile MRI units. However, at just 3.5 m wide, it does not require a separate escort vehicle during transportation. In addition, thanks to a unique loading and unloading mechanism, it can be relocated quickly and easily.

The scanner achieves lowest-in-class power consumption of 25 kVA through the combination of a small-capacity power supply, Zero Helium Boil-Off System and ECO Mode technology, which minimizes system operating costs, with power consumption dramatically reduced when the system is idle. Power requirements for the Vantage Elan are approximately one third less than that for other models.

What are The Green Apple Awards?

Green Apple Awards are a prestigious global recognition of environmental best practice issued by The Green Organisation - an international, independent, non-profit, non-political, non-activist environment group that was established in 1994 to recognize, reward and promote environmental best practice around the world.

ViTAL
A Toshiba Medical Systems Group Company

Healthcare IT

Together we deliver actionable insight across the care continuum with patients to actively manage their health.

Vitrea Advanced Visualization version 7
Vitrea Advanced Visualization is a multi-modality advanced visualization system providing comprehesive applications in a variety of it environments. Multi-modality applications enhance diagnostic confidence across the organization. By providing access to advanced clinical tools, they combine attractive technology from Vital, Olea and other partners on its universal platform.

Secondlife

Secondlife

Giving medical equipment a Second Life

For over 80 years Toshiba Medical has been a pioneer in diagnostic imaging. From leading X-ray products to high-performance CT scanners, innovative ultrasound machines and patient-friendly MRI systems, our solutions have been helping revolutionize clinical practice with innovative technology, solid performance and exceptional value.

Because outstanding quality lasts, used Toshiba Medical imaging equipment remains of high value and forms a solid basis for our Secondlife™ refurbishment program. After careful selection, professional de-installation, cleaning and manufacturer-certified refurbishment we deliver reliable pre-owned imaging systems with advanced technology and quality at affordable costs to accommodate a variety of budgets.

Our promise – your guarantee
All our Secondlife systems are refurbished according to the highest industry standards including the COCIR Good Refurbishment Practice. The Secondlife refurbishment program is a quality-controlled process and certified according to ISO 13485:2003 – an industry first. Our Secondlife systems are shipped with the latest applicable software upgrades and include one full year of warranty.

Standbyou

Service

Customized solutions are customary with Toshiba Medical

THE BEST SERVICE PLAN IS ONE THAT'S ADAPTED TO YOUR ORGANIZATIONS NEEDS

Under the intense pressure to manage costs, as a healthcare decision-maker you must make sure your diagnostic imaging systems are expertly customized to your organization. At Toshiba Medical we pride ourselves in delivering the highest quality equipment. Our products are built on industry-leading, reliable technology and are supported by a robust and comprehensive service program.

We're here when you need support
Toshiba Medical offers a full range of service agreements ranging from maintenance contracts for individual machines to full service agreements and Managed Equipment Services for your entire facility. Each of our service plans is fully customizable to meet the specific needs of your facility.

We listen to our customers
Our first step in customizing your service plan is simple: we listen. We'll take your input and, combined with learning from other customer experiences, we build a bespoke plan around your choice of service agreement with a single goal in mind: achieve the best solution for you and your organization.

Notes

TOSHIBA MEDICAL

Made For life

Toshiba Medical invites you to attend the educational sessions listed in this program guide and to visit our **booth #16** (Hall X2) to see how we can complete the image together. We will be hosting **Satellite Lunch Symposiums** on March 2, 3 & 4 in room F2 (entrance level) and offer the opportunity to gain in-depth knowledge and skills on the latest imaging technologies in our comprehensive **Hands-On Workshops** hosted on March 1- 4 in room 0.14 (entrance level).

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