TOSHIBA

Leading Innovation

Infinix-i

Rite Edition

DISCOVER NEW HORIZONS

THE WORLD'S FASTEST, MOST FLEXIBLE ANGIO SUITE

Providers of interventional imaging systems are being challenged to improve clinical outcome, patient comfort and dose efficiency while reducing cost of ownership and environmental impact. With its unique dual c-arm Infinix-i Rite Edition provides ultrafast whole body coverage, free head access and a unique lateral c-arm stroke for better ergonomics, improved productivity and stunning 3D images from head to toe.

360 SAFETY

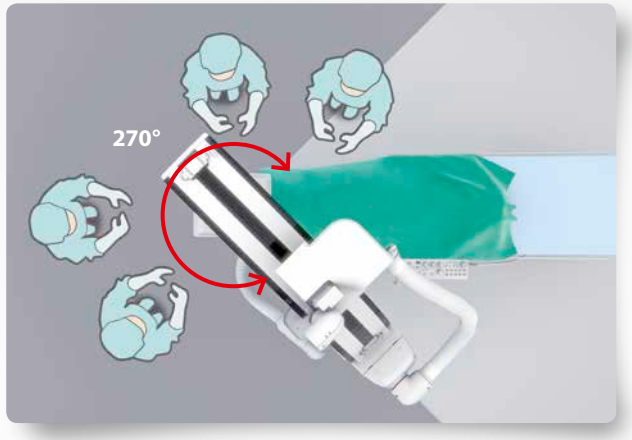
Safety is your top priority – we've got you covered.

We understand that diagnostic imaging safety goes beyond radiation dose and extends to all areas of patient and staff safety. Toshiba's 360 Degrees of Safety program puts you and your patients first by providing comprehensive coverage, guidance and expertise. From corporate programs that support industry safety to modality features that protect your patients and staff, at Toshiba we have made safety a priority in everything we do.

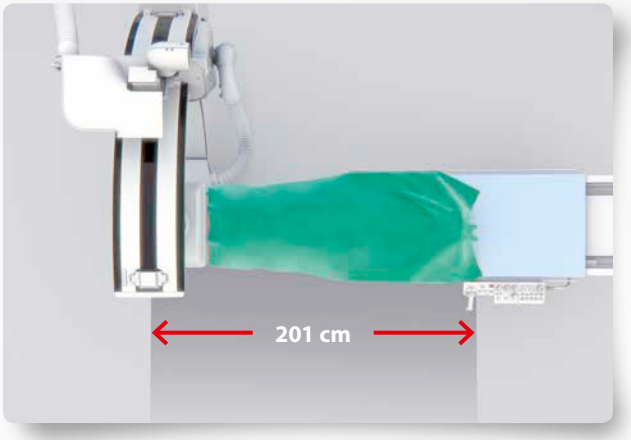
With 270° isocentric rotation, Infinix-i Rite Edition provides unparalleled flexibility and patient access even for the most challenging procedures. Its dual c-arm design with 210° coverage and ultrafast rotation of 80°/s enables shorter breath hold times, reduced contrast medium and outstanding 3D imaging from head to toe without the need for moving the patient or the table.

UNPARALLELED FLEXIBILITY AND PATIENT ACCESS

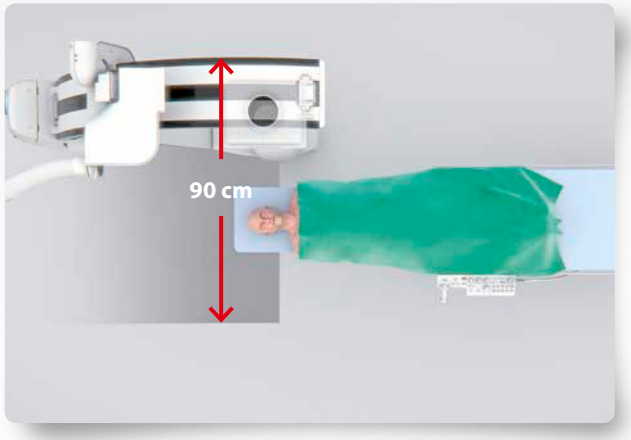
Infinix systems are designed around physicians, staff and patients in order to maximize flexibility, minimize exposure and optimize image quality for interventional radiology. So whether you are performing an embolization, angioplasty, shunt repair or other image-guided procedure, you're always perfectly positioned for greater efficiency and patient safety.



Free head access
Infinix' 270° isocentric c-arm rotation capability assures a smooth workflow even during the most complex interventional procedures.



Whole body coverage
Infinix-i can cover the vast majority of patients from head to toe without table movement, ensuring peripheral access at high patient safety and comfort.



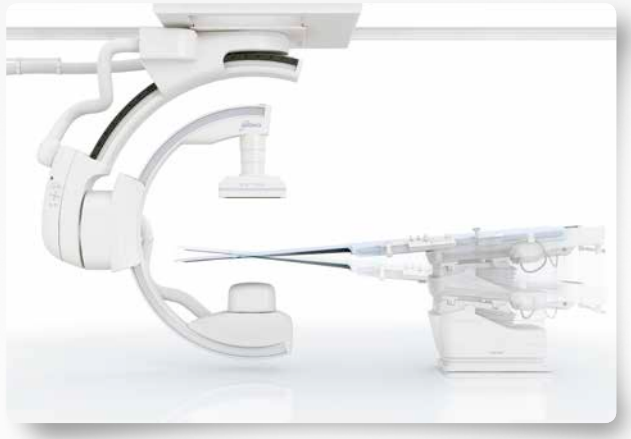
Extended lateral c-arm stroke
The system's unique lateral c-arm stroke expands and simplifies catheter access routes for the radial/brachial approach, shunt angio, venography or port implants.

Smart parking
Infinix' dual-track ceiling suspension enables you to create and automate customized parking routes including circumnavigating obstacles.

Fully automated head-up display
The system provides fully automated synchronization of the flat panel detector and collimator for correct head-up display regardless of the c-arm position to simplify orientation while carrying out a procedure.

A FLEXIBLE SYSTEM – TAILORED TO YOUR SPECIFIC NEEDS

The Infinix-i platform provides unprecedented access to the patient and enhances the multi-disciplinary approach to patient care. With a wide range of specialists involved in a range of procedures, the system accommodates multiple clinicians and ancillary equipment to provide unsurpassed flexibility and patient safety.



Supporting hybrid procedures
Today's high volume and variety of procedures make shared labs essential for better departmental throughput. Infinix-i supports hybrid procedures when combined with a tilting cradle table.

PA/AP flip provides extra space
Infinix-i provides outstanding workflow support. A simple flip of the c-arm into AP orientation allows you to gain additional access space when needed, for instance for long needle lung biopsies.

Local controls for safe operation
Main positioning switches and programmable function keys are provided on all four sides of the flat panel detector and on the c-arm to allow safe operation close to the patient at any time.

FLEXIBLE TABLE INTEGRATION

Standard table for interventional lab

Cradle table for hybrid lab

Surgical table for hybrid OR

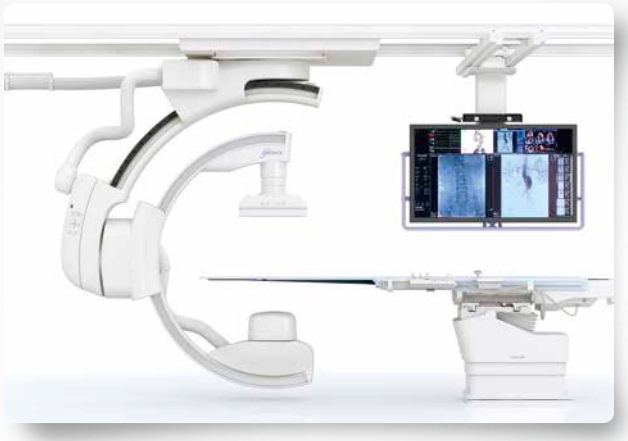
MAGNUS 1180 is a trademarked product of MAQUET.

Toshiba Infinix systems are designed for mechanical flexibility and clinical versatility. The wide range of supported configurations allow you to drive efficient resource utilization across multiple clinical disciplines to precisely meet your clinical needs.

HIGH RESOLUTION 3D IMAGING FROM HEAD TO TOE

Infinix-i provides a broad range of advanced 3D applications to create even greater confidence in the ability to carry out image-guided therapies more accurately and efficiently. The revolutionary stacked dual c-arm of Infinix-i Rite Edition delivers unmatched rotational speed and coverage to produce outstanding 3D image quality with significantly less dose and reduced contrast medium.

Ultrafast c-arm rotation
With an amazing speed of 80 degrees per second and a coverage of 210 degrees, Infinix-i Rite Edition is able to acquire outstanding 3D images in less than 3 seconds regardless of the anatomical region.



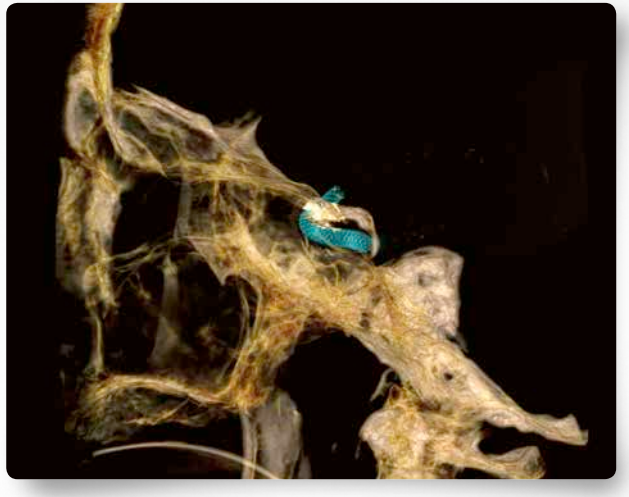
High-speed image acquisition
The system's advanced imaging chain acquires high resolution cone beam CT volumes in just 10 seconds. Selective ROI reconstruction further helps maximizing visualization.

Enhanced comfort, better patient safety
Faster volume acquisition also leads to minimizing radiation dose, shorter breath hold times and a significant reduction of contrast medium required to perform an examination.

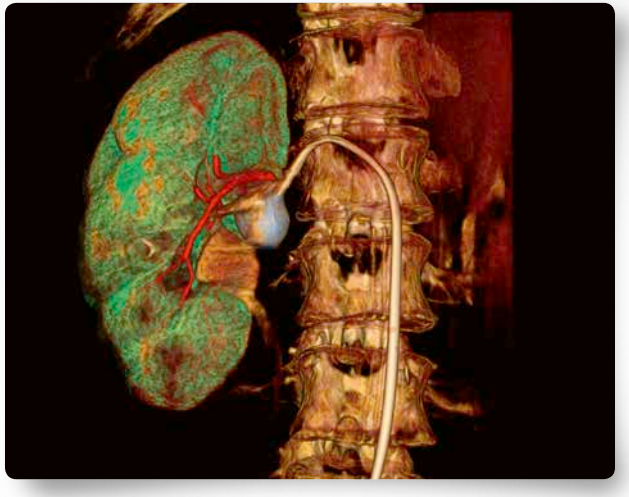
External carotid arteries

Iliac arteries

Superior mesenteric artery



Intracranial pipeline stent

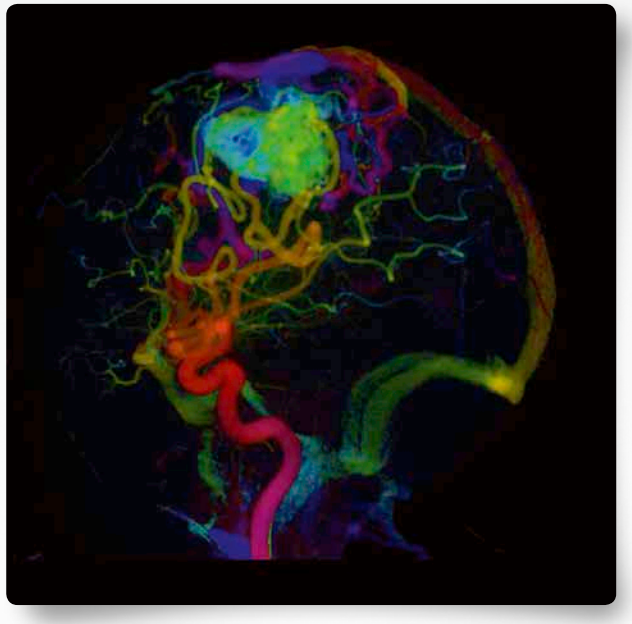


Renal aneurysm

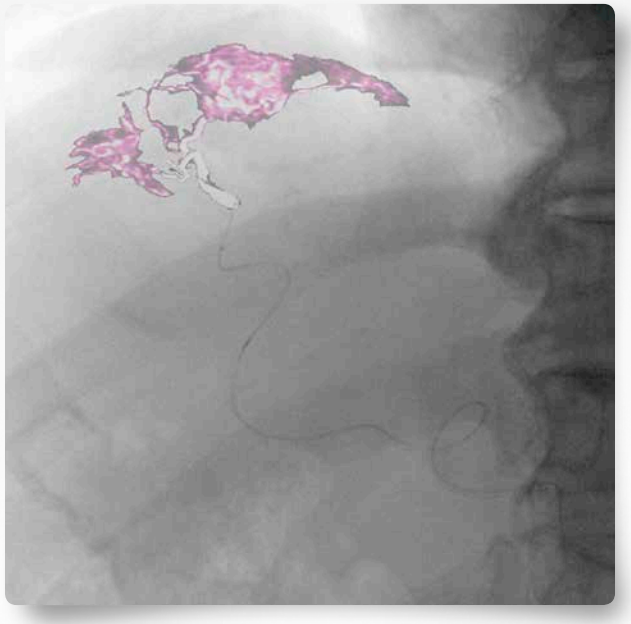
Feeding artery identification during TACE procedure

ADVANCED TOOLS SIMPLIFYING COMPLEX EXAMS

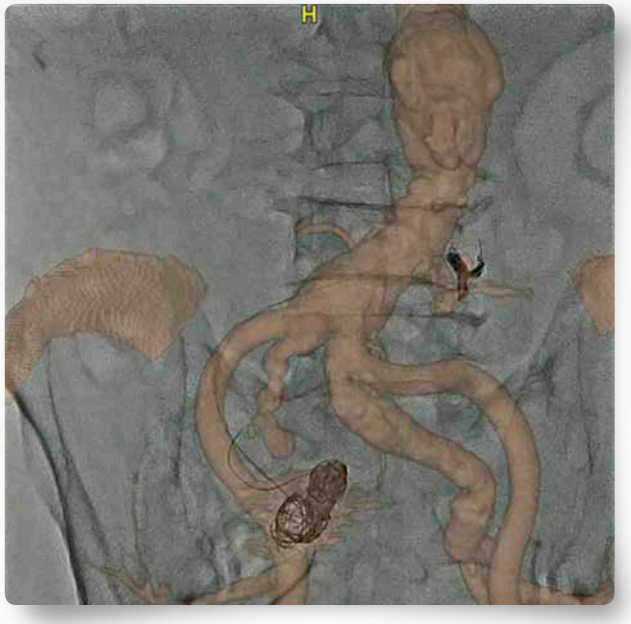
Working in tandem with high-speed c-arm acquisition, high-resolution detectors and a powerful workstation, advanced and exclusive Infinix-i software applications help you achieve the highest image quality at the lowest possible dose. Cutting-edge software packages provide advanced visualization and interventional guidance tools for better and more secure treatment planning.



RiteFlow change parametric imaging
Parametric imaging allows you to display an entire image sequence as a single composite image for easier visual evaluation and characterization of contrast media dynamics.

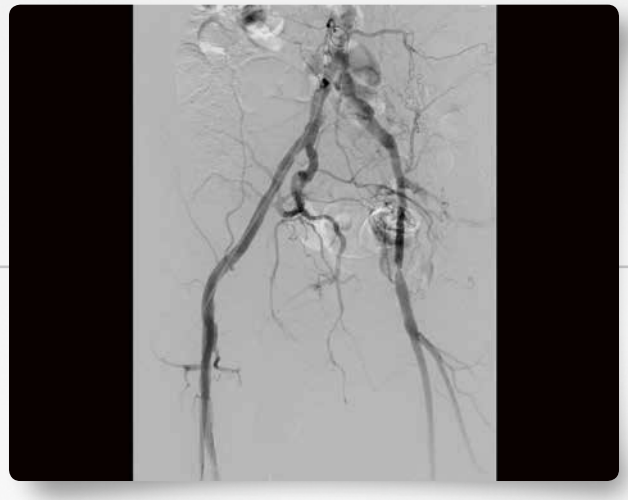


Advanced 3D roadmapping
3D roadmapping enables you to superimpose a reconstructed, device-enhanced 3D image of vessels on the fluoroscopic image, enabling guidewire manipulation or catheterization to be performed while observing the course of the vessels.

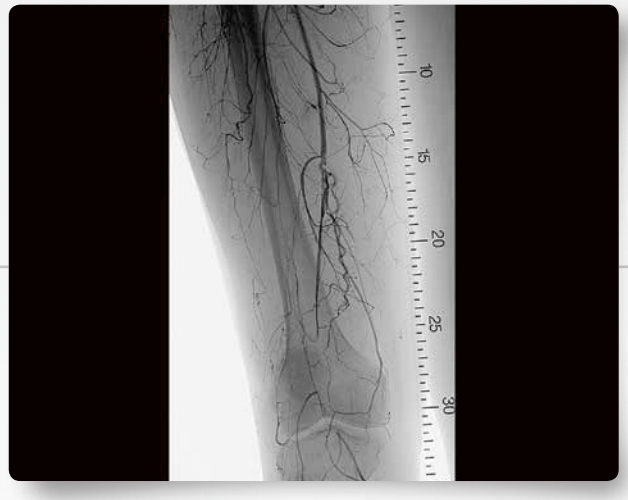


Multi-modality roadmapping
CT/MR modality fusion enables 3D volume data to be superimposed on the live fluoro display, providing additional views of the vascular anatomy to aid you during interventional procedures.

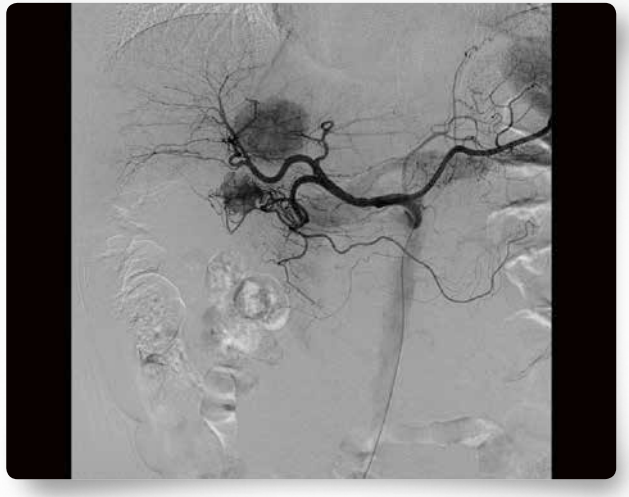
3D image of a spinal artery



DSA of iliac artery in oblique projection

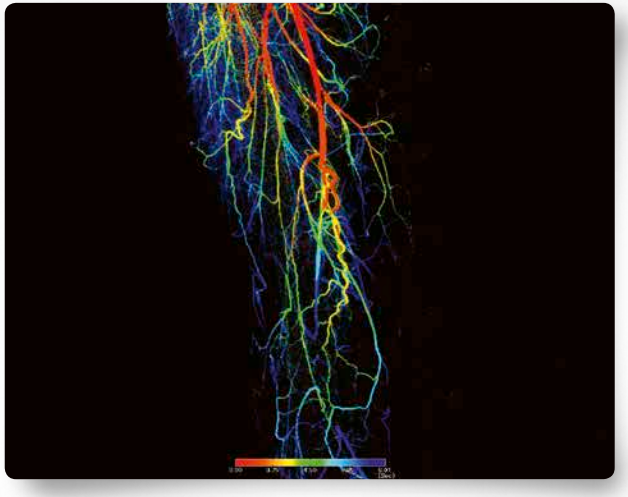


DSA of lower limb with anatomical landmark



DSA of the liver during TACE procedure

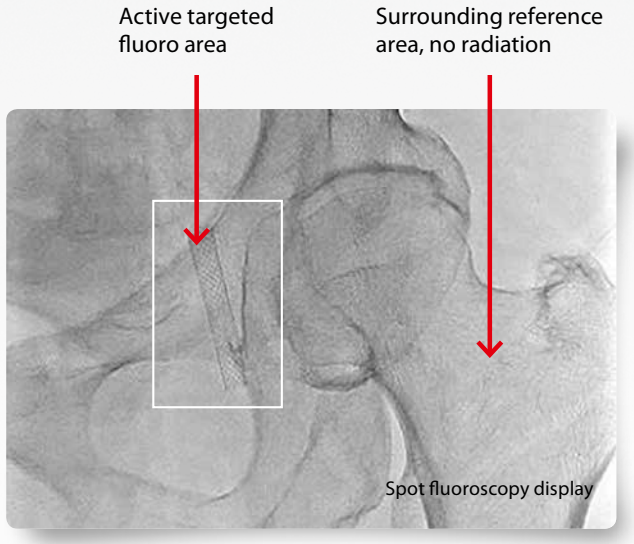
Dynamic trace of subclavian vein



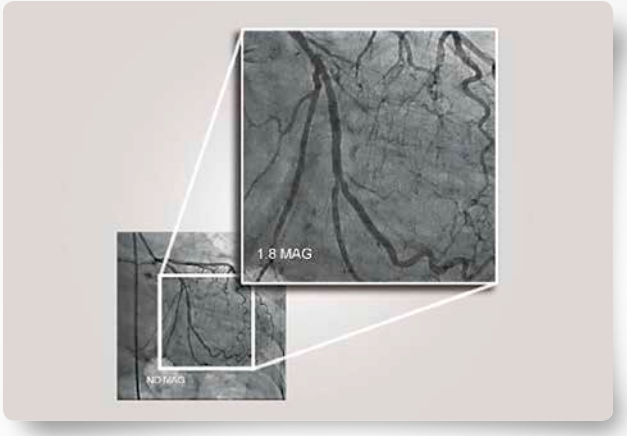
RiteFlow parametric imaging of lower limb

BETTER PROTECTION FOR PATIENTS AND CLINICIANS

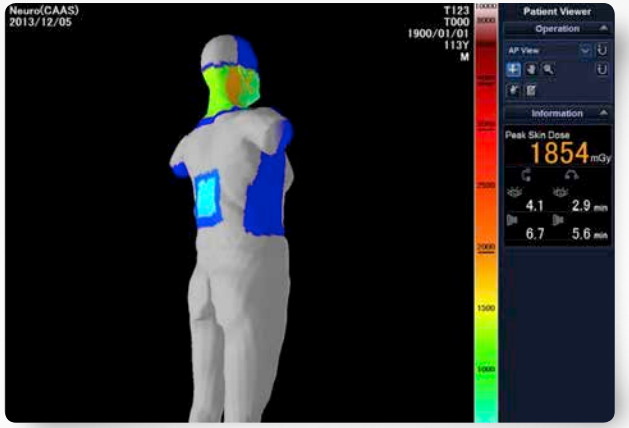
Dose management is an important issue for everyone. Toshiba has optimized every step of the imaging chain to reduce radiation dose while improving workflow and image quality. DoseRite is Toshiba's comprehensive dose management solution. Combining advanced detector design with an array of powerful software features, it provides you with an extensive host of dose-saving and dose management functions.



Spot Fluoro
Spot Fluoro provides asymmetric, lesion-focused collimation while maintaining the full field of information without increasing the dose.



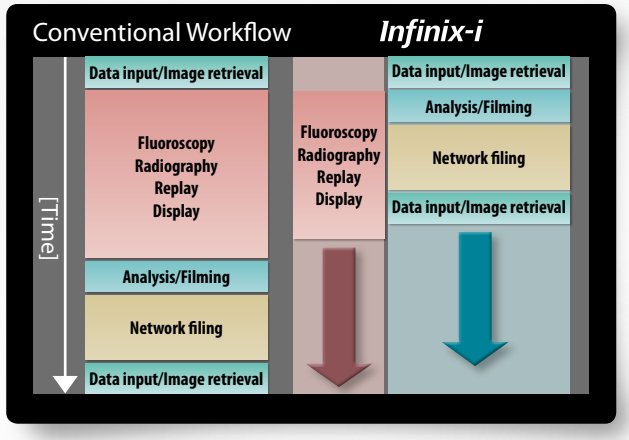
Live Zoom
Live Zoom allows magnifying anatomy while performing an intervention without increasing the detector input dose.



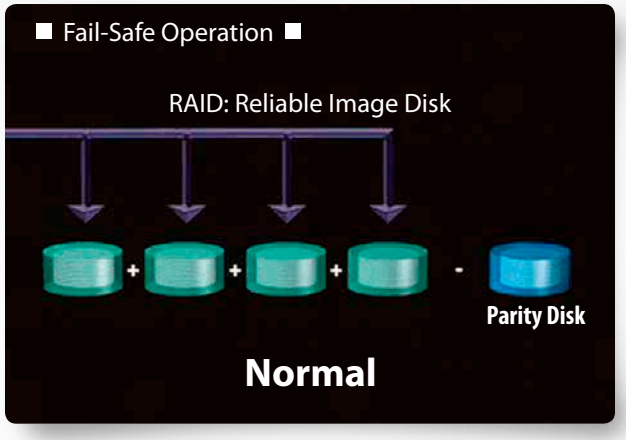
Dose Tracking System
Toshiba's unique Dose Tracking System provides continuous real-time information on skin dose delivered to the patient.

FAST AND EFFICIENT FROM ACQUISITION TO ARCHIVING

Patient and operator safety, as well as uninterrupted workflow are top priorities for us at Toshiba. Besides its comprehensive dose reduction and monitoring system, Infinix-i is equipped with a full range of tools and redundancy features to ensure uninterrupted and safe examinations. Post-processing tasks such as image processing and analysis, image transfer or archiving can be carried out at any time without disturbing the ongoing examination.



Multi-tasking architecture for faster processing
The true multi-tasking architecture of Infinix-i enables you to work in parallel on the console in the control room while carrying out a procedure. This reduces your overall procedure time significantly and therefore saves patient and operator dose.



Uncompromized data security
Advanced RAID-5 storage technology is used on the Infinix-i system console to protect clinical data against loss or damage. Should a hard disk fail during the examination, no data is lost thanks to its intelligent mirroring function.

Fail-safe operation with backup focus
Toshiba's unique safety concept for the X-ray tube allows the system to automatically switch to a backup focus in case of a malfunctioning focus during an intervention. Thus, you can immediately continue working without interruption.

BRINGING INNOVATION TO LIFE

For over 140 years Toshiba's research and development has improved the health and welfare of people around the world. Today, Toshiba Medical Systems offers a full range of diagnostic imaging products and is a reliable service partner in more than 135 countries around the globe. Our Mission is to deliver the best quality products and services, as well as the industry's best after-sales support through long-term, customer focused partnerships.

360 SAFETY 360 RELIANCE 360 LEARNING

Innovation

Toshiba is a world leader and innovator in high technology. Year on year we file thousands of patents, making innovation a key part of the Toshiba fabric. In accordance with our Made for Life™ commitment, we develop innovations that improve patient care and provide lasting quality for a lifetime of value.

Quality

At Toshiba quality and reliability is at the heart of everything we do. With technologies and products being developed in more than 30 R&D laboratories and nearly 600 subsidiary companies across the globe Toshiba engineers are dedicated to develop the best-performing, most reliable and environmentally friendly product solutions for you.

Design

Our product design is driven by customer feedback and the close consultation with industry visionaries and opinion leaders. Our award-winning Design Center has over 60 years of experience in developing pioneering products and industry-leading solutions to ensure that you can work at the highest standards of diagnostic precision, usability and productivity.

Partnership

Making sure your systems deliver from day one is an important part of our relationship. Whether you need onsite or offsite training, we can provide options that work best for you. Experienced clinical application specialists will help you and your team to maximize the potential your diagnostic imaging equipment has to offer.

Caring for earth and its people is at the heart of everything Toshiba does – and one of the many ways we innovate. Toshiba's passion for safeguarding earth is enshrined in our Environmental Vision 2050, whereby we seek to improve our eco-efficiency by a factor of ten over the next four decades through strict monitoring of energy usage, continuous improvement of manufacturing processes and eco-conscious product development.
Far from being a distant goal, the Environmental Vision 2050 sets tangible milestones year by year. These include the reduction in emission of CO_2 and other greenhouse gases, and the complete phasing out of certain hazardous substances from our products.

Design, manufacturing and shipment

No sustainability without quality
By manufacturing high quality diagnostic imaging equipment that lasts, we ensure that you can enjoy working with your machine over many years. Our software-driven platforms are easy to upgrade to keep you abreast of new diagnostic tools for a long time. And while we continuously work to improve the performance of our equipment, we drive down consumption of energy and resources at the same time.

Product use

Energy efficiency is the key
A major part of the greenhouse gas emissions our medical imaging systems produce accrue while you scan your patients. Therefore we design our products to be outstandingly energy efficient, and even to recycle energy wherever possible. Take for instance our Aquilion ONE™ CT scanner. While braking its gantry, 25 % of the energy used to set it into rotation can be recovered and stored for the next scan.

Refurbishment and recycling

End of use is not the end of life
Because outstanding quality lasts, your Toshiba medical imaging equipment remains of high value even after you replace it with new equipment. Our Secondlife™ refurbishment program is an integral part of our corporate philosophy helping to maximize the life span of our equipment by enabling you to sell or buy used equipment of the same high quality as our new machines.

Infinix-i

Rite Edition

Xantara is manufactured by Apelem and distributed by Toshiba Medical Systems Europe.

TOSHIBA MEDICAL SYSTEMS EUROPE

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Toshiba Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.
Toshiba Medical Systems Corporation Nasu Operations meets the Environmental Management System standard ISO 14001.

Some features presented in this brochure may not be commercially available on all systems shown or may require the purchase of additional options. Please contact your local Toshiba representative for details.

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