

TOSHIBA

Leading Innovation >>>



***Infinix* 4D CT**

SEE. DIAGNOSE. TREAT.

PLAN, TREAT AND VERIFY IN ONE ROOM, ON ONE SYSTEM

Toshiba's groundbreaking new Infinix^{4D}CT supports you in bridging the gap between the interventional lab and CT with one seamlessly integrated solution for the ultimate in patient care. Infinix^{4D}CT eliminates the need to transfer patients back and forth between different rooms, while minimizing dose and maintaining patient safety. The system can help save valuable time and gain efficiencies with the ability to plan, treat, and verify in the same room, on a single system.

Configurations

The Infinix^{4D}CT is available with four different CT configurations including Aquilion ONE™ ViSION Edition, Aquilion ONE™, Aquilion™ PRIME, as well as Aquilion LB to provide the optimum solution for any clinical environment.

ONE
Aquilion
VISION EDITION



- 78 cm bore
- 640 slices
- 16 cm coverage in one rotation

ONE
Aquilion



- 78 cm bore
- 640 slices
- 16 cm coverage in one rotation

PRIME
Aquilion



- 78 cm bore
- 80 slices (upgradable to 160 slices)

Aquilion **LB**



- 90 cm bore
- 32 slices



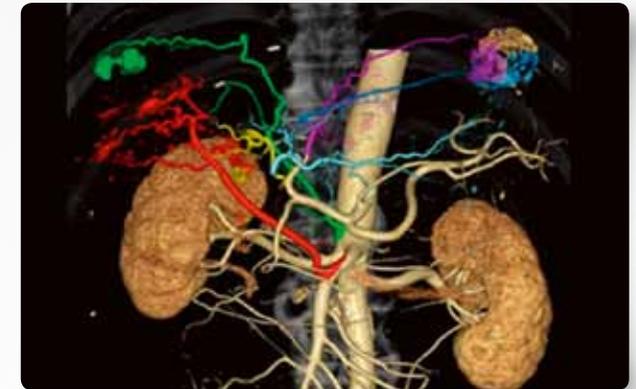
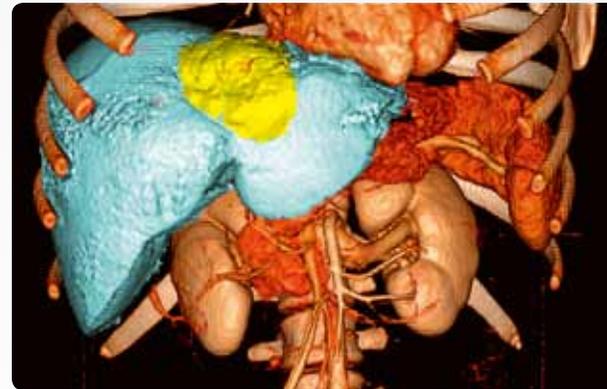
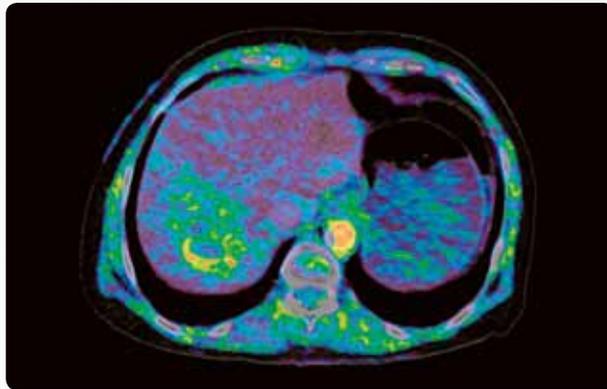


SEAMLESSLY INTEGRATING IR AND CT INTO ONE SINGLE SOLUTION

With Infinix ^{4D}CT Toshiba introduces a powerful hybrid imaging system combining the world's most flexible angio suite with the most advanced dynamic volume CT. Delivering an outstanding solution for image-guided interventions the system covers a wide range of interventional procedures from interventional oncology procedures to trauma, from neuro to cardiac.

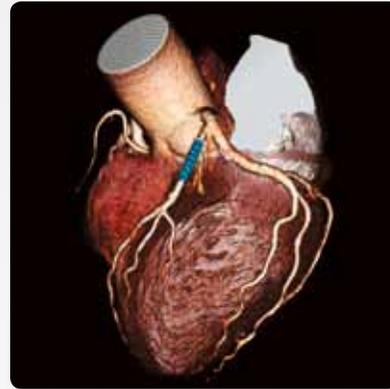
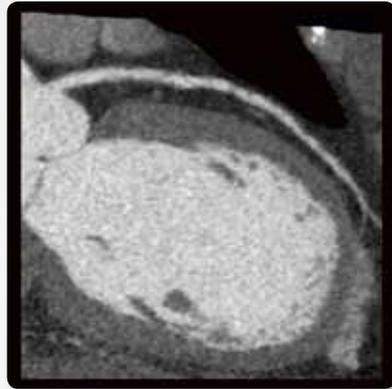
Imaging morphology and function

Toshiba's wide detector CT technology with up to 16 cm coverage in a single rotation allows you to acquire anatomical and functional data simultaneously with high spatial and temporal resolution.



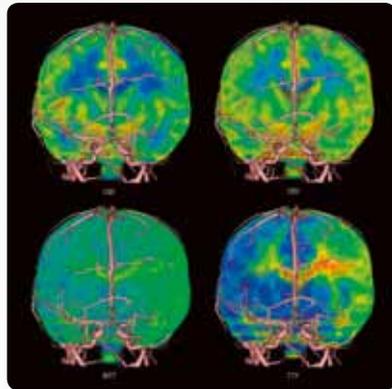
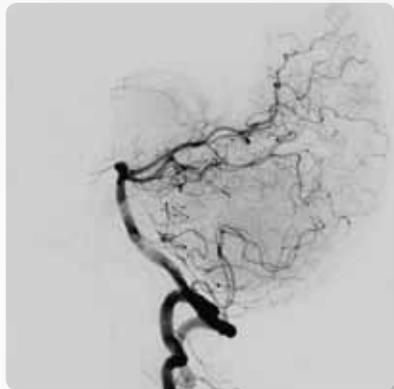
Interventional oncology

Advanced perfusion imaging assists you in imaging and treatment planning of tumors more accurately and immediately verifying the response to therapy. Infinix ^{4D}CT simplifies the positioning of micro-catheters and needles with 4D imaging of tumor vascularization and real-time 3D needle tracking.



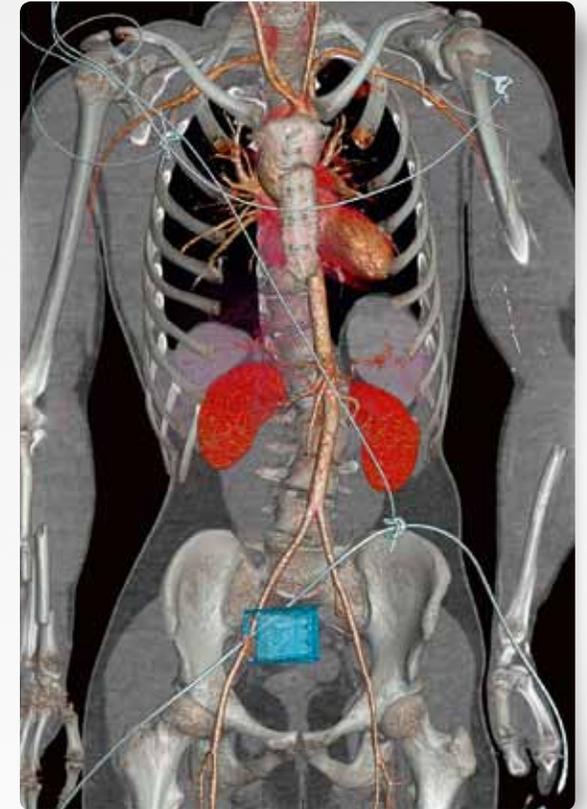
Cardiac intervention

Infinix ^{4D}CT provides robust low-dose cardiac CTA. One rotation is all it takes to capture the entire heart in just a split second with the Aquilion ONE. Eliminating motion artifacts, this technology is perfect for planning interventional procedures and for verifying percutaneous stent or valve placements and repairs immediately at tableside.



Neuro/stroke

Toshiba's area detector technology delivers iso-phasic 4D vascular imaging without table or gantry movement for robust evaluation of fistula and aneurysm treatment. The Neuro ONE stroke protocol provides dynamic perfusion mapping in under a minute for fast and reliable diagnostics in acute stroke patients.

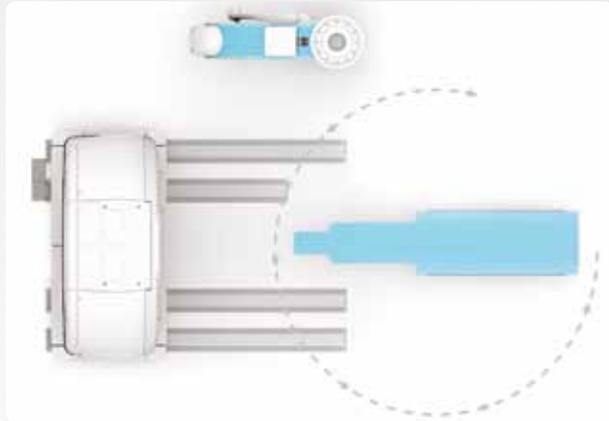


Trauma

Speed is foremost important in managing trauma patients. With Infinix ^{4D}CT you are now capable of diagnosing and treating without the need to move the patient, saving valuable time.

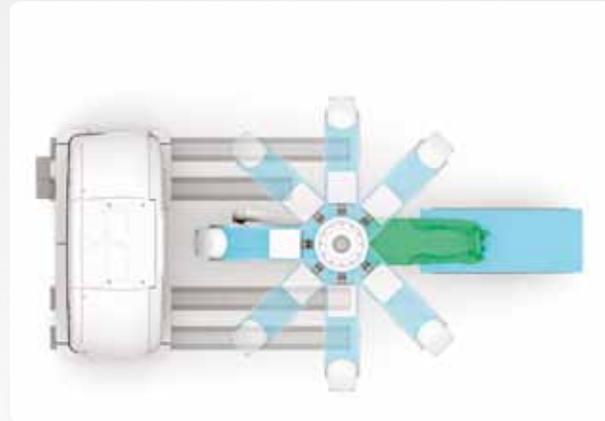
ONE ROOM. ONE SYSTEM. ONE PROCEDURE.

The Infinix^{4D}CT system combines the interventional lab with a complete CT imaging suite for a more streamlined workflow and a smoother, safer patient experience in a single clinical setting. You no longer need to transfer the patients between departments – Infinix^{4D}CT enables you to plan, treat and verify in a single setting for better patient care and higher productivity.



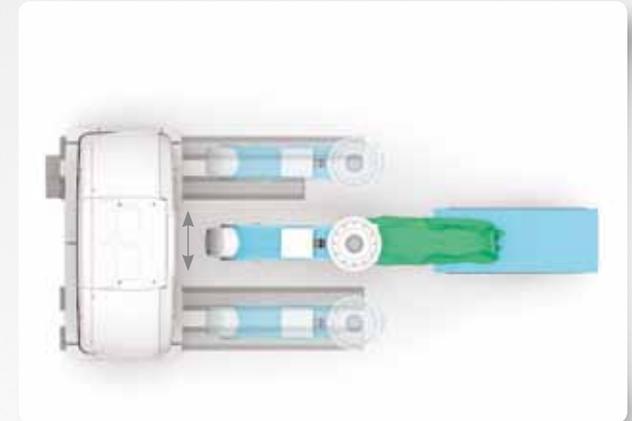
Maximum flexibility

Convenient parking positions for both the C-arm and the CT gantry ensure free access to the table for patient mount and emergency procedures.



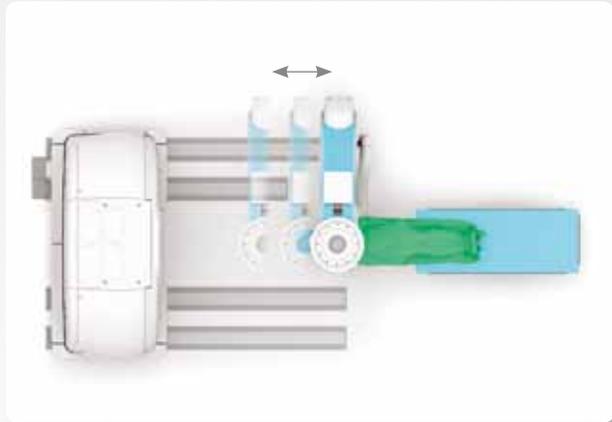
270 degrees of freedom

Infinix' 270-degree range of C-arm movement assures a smooth workflow even during the most complex interventional procedures.



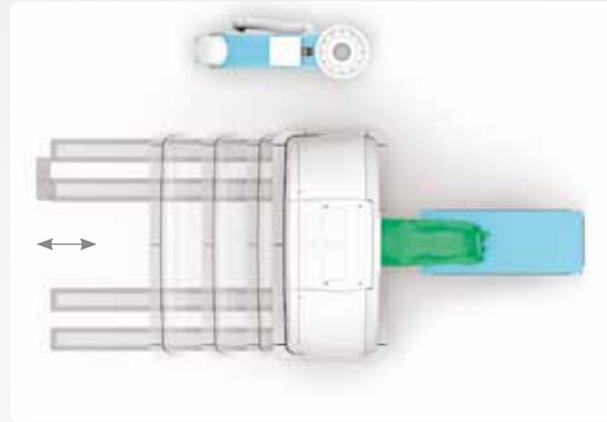
Unique lateral coverage

The dual-track ceiling-mounted C-arm of the Infinix^{4D}CT provides unique fingertip-to-fingertip coverage during transradial procedures.



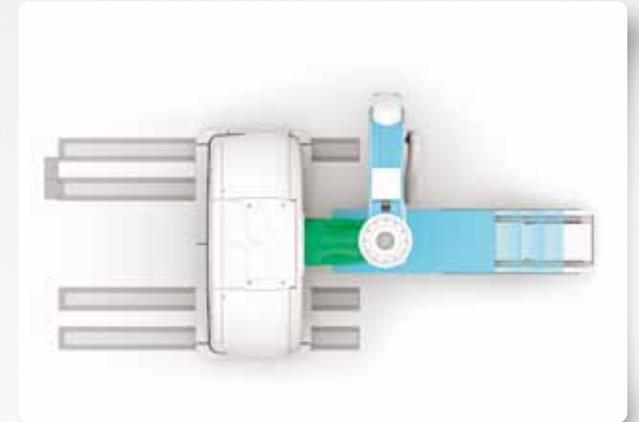
Smooth workflow

While the CT gantry can be fully removed from the workplace, Infinix' five-axis technology provides faster and better positioning of the C-arm from head to toe.



Fine detail imaging

Advanced CT imaging with the industry's only 0.5 mm detector element means greater resources for planning and verifying in the interventional space.

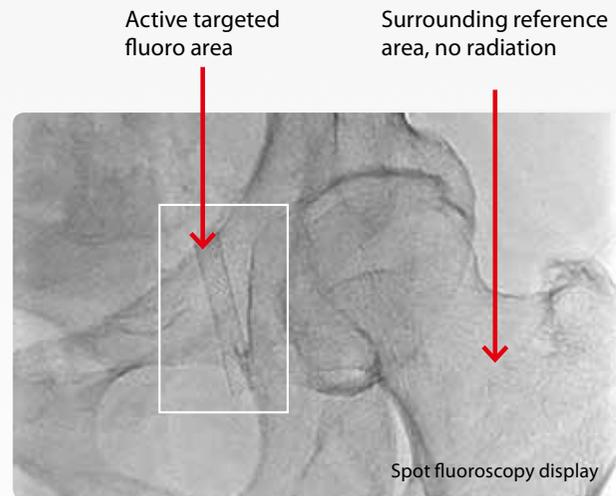


Seamless transition between modalities

Infinix 4DCT markedly improves workflow with its SUREGuidance technology that manages seamless transition between modalities.

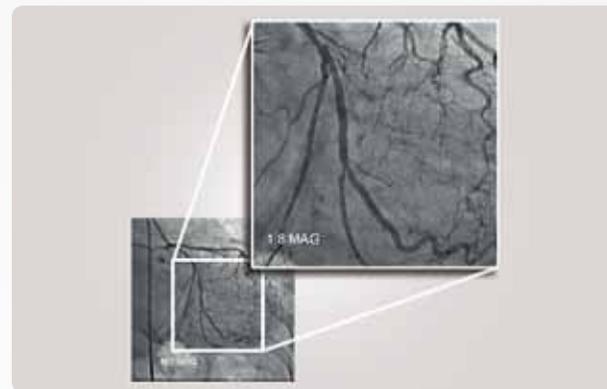
BETTER PROTECTION FOR PATIENTS AND CLINICIANS

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.



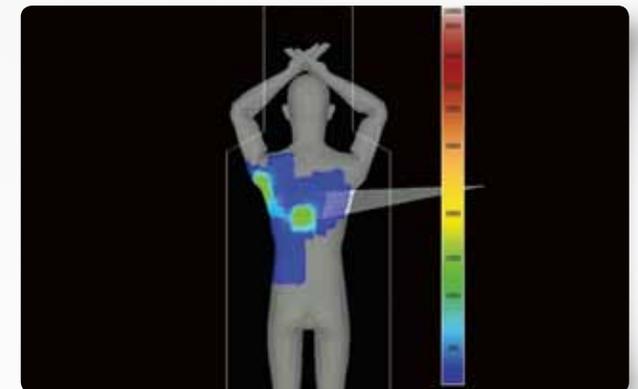
Spot Fluoro

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



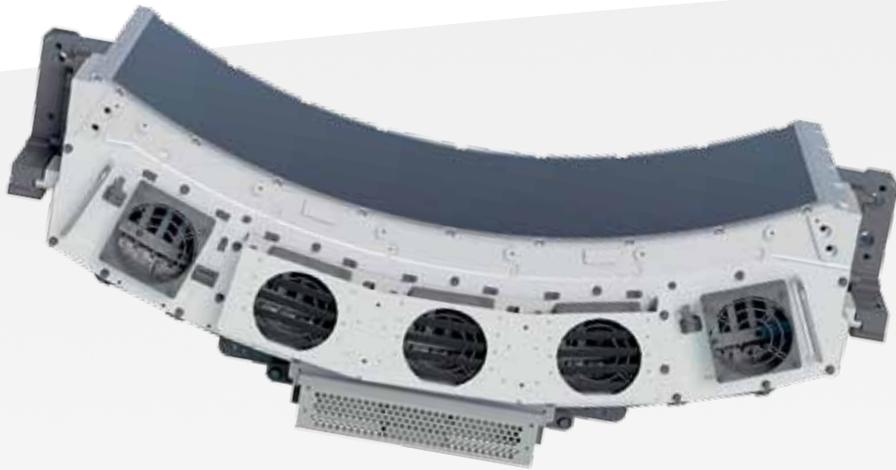
Live Zoom

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



Dose Tracking System

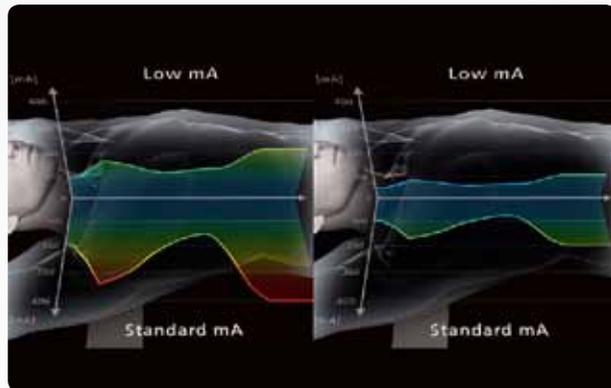
Toshiba's unique Dose Tracking System provides continuous real-time information on skin dose delivered to the patient.



Safer imaging. Clearer outcomes.

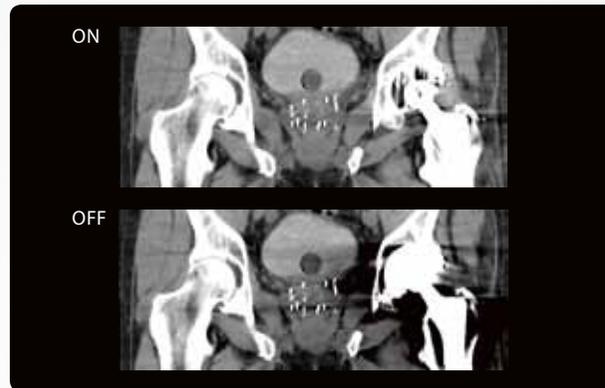
Toshiba's revolutionary PUREVISION detector makes CT imaging safer for all patients. Delivering up to 40% increased efficiency it enables superior imaging with significantly reduced radiation dose and iodine.

PUREVISION



AIDR 3D

Fully integrated into the Aquilion workflow, Toshiba's Advanced Iterative Dose Reduction technology AIDR 3D helps you achieve optimal image quality at minimal dose on every patient.



Metal Artifact Reduction

Toshiba's innovative SEMAR™ technology virtually eliminates metallic artifacts, improving visualization of implants, supporting bone and the adjacent soft tissues for a clearer and more confident diagnosis.

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.



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.

The logo features the word "TOSHIBA" in a small, white, sans-serif font above the word "eco" in a large, white, lowercase sans-serif font, followed by "style" in a smaller, white, lowercase sans-serif font. The text is contained within a green speech bubble shape with a tail pointing towards the bottom right.

TOSHIBA eco style

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 CO₂ 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 ^{4D}CT

TOSHIBA MEDICAL SYSTEMS EUROPE

www.toshiba-medical.eu

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Toshiba Medical Systems Corporation Nasu Operations meets the Environmental Management System standard ISO 14001.

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