

**TOSHIBA
MEDICAL**



Infinix-i Hybrid

Hybrid cath and OR suite



The world's most flexible hybrid 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 C-arm Infinix™-i Hybrid provides ultrafast whole body 3D coverage*, free head access and a unique lateral C-arm stroke for better ergonomics, improved productivity and stunning 3D images from head to toe.



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 Medical'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 Medical we have made safety a priority in everything we do.

Two imaging systems.
Multiple configurations. Full flexibility.



Cradle table for hybrid lab

Surgical table for hybrid OR

Surgical table for hybrid OR

Toshiba Medical's Infinix-i 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.



Toshiba Medical CAT-880B



The Magnus 1180 surgical table is a trademarked product of MAQUET.



TruSystem 7500 surgical table is a trademarked product of Trumpf.

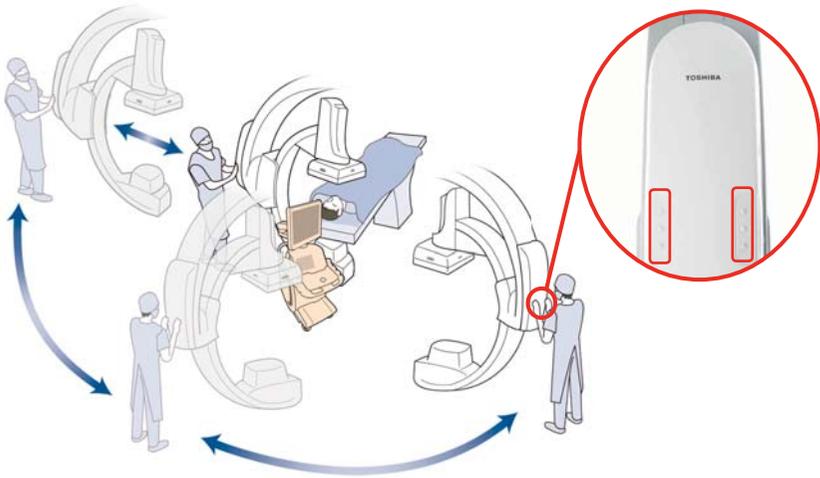


Your optimized and comfortable hybrid OR environment

The flexible clinical concept of Infinix-i 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. So configuring and installing exactly the right hybrid configuration at your facility is our promise.

Parking C-arm

C-arm longitudinal movement, unique lateral and longitudinal movement, and support column rotation can be performed using the local operating switches on the rear of the C-arm, allowing the operator to check for contact with other equipment during arm movement.





Flexible monitor positioning

Toshiba Medical's monitor suspension is mounted on the same ceiling rails as the systems, and monitors can be moved to either side, according to the preference of the viewer.



Easy switching between cath lab and OR

With the C-arm set in the park position, clearance around the operating table is equivalent to that available in a general operating room.



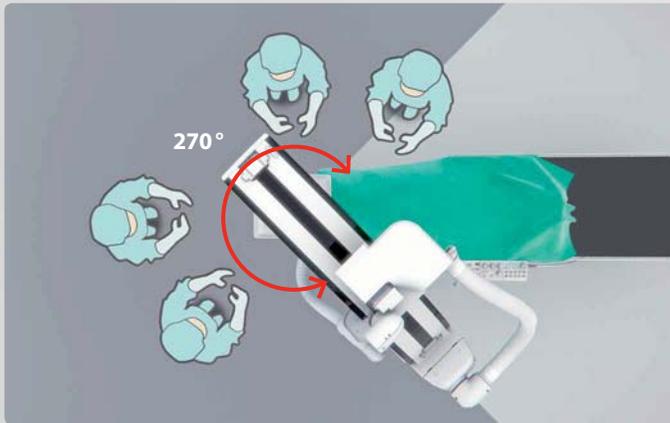
Easy exchange of OR tabletop

The carbon operating tabletop can be changed to a universal operating tabletop for general purpose use. The appropriate tabletop can be selected according to the procedure.



Unmatched 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 for any procedure you're always perfectly positioned for greater efficiency and patient safety.



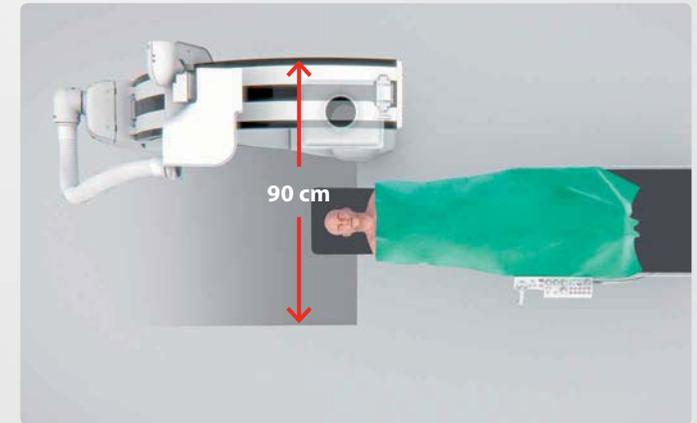
Free head access

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 left and right at high patient safety and comfort.



Unique lateral C-arm stroke

The system's 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.

*exclusively for Infinix-i Hybrid +



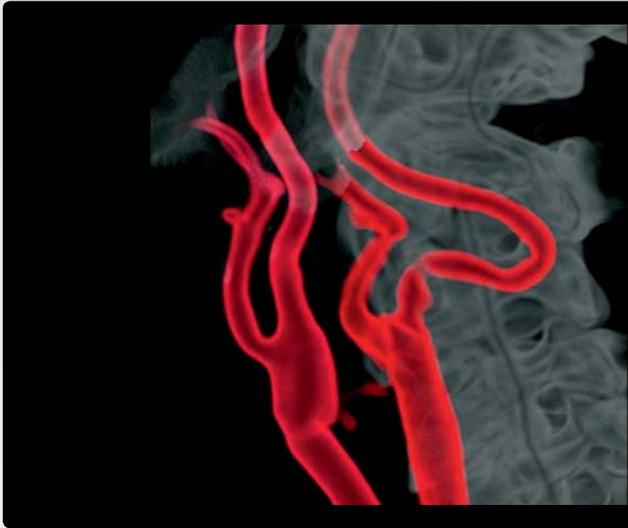
Fully automated head-up display

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.

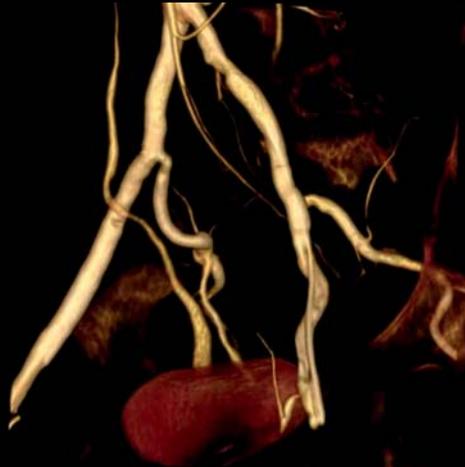


Discover new horizons in high-speed 3D imaging

With 270° isocentric rotation, Infinix-i Hybrid + provides unparalleled flexibility and patient access even for the most challenging procedures. The system's 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.



External carotid arteries.



Iliac arteries.



Superior mesenteric artery.



Intracranial pipeline stent.



Renal aneurysm.

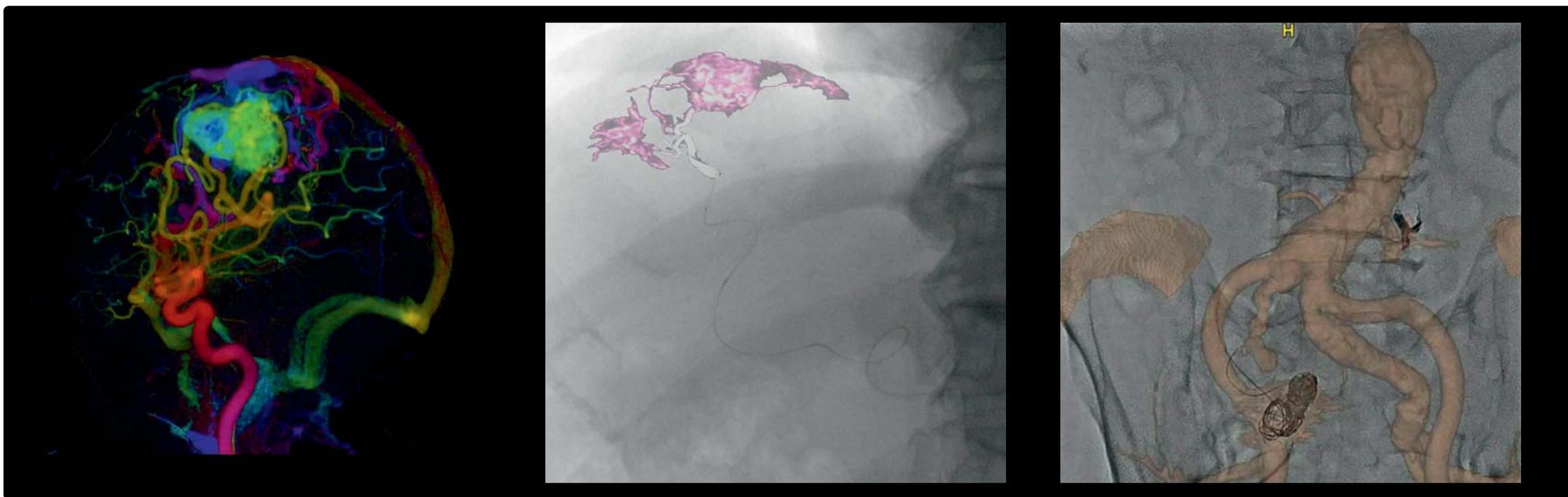


Feeding artery identification during TACE procedure.



Advanced applications 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

Color-coded Circulation allows you to display an entire sequence as a single composite image for easier visual evaluation and characterization of contrast media dynamics.

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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

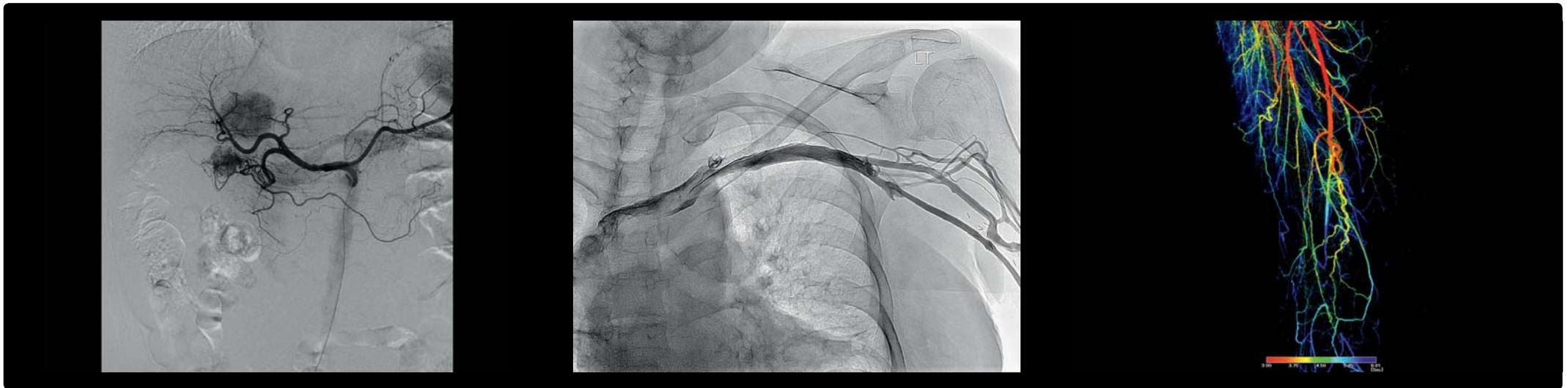
CT/MR modality fusion enables 3D volume data to be superimposed on the live fluoro display, providing additional views of the vascular anatomy to aid you during interventional procedures.



3D image of a spinal artery.

DSA of iliac artery in oblique projection.

DSA of lower limb with anatomical landmark.



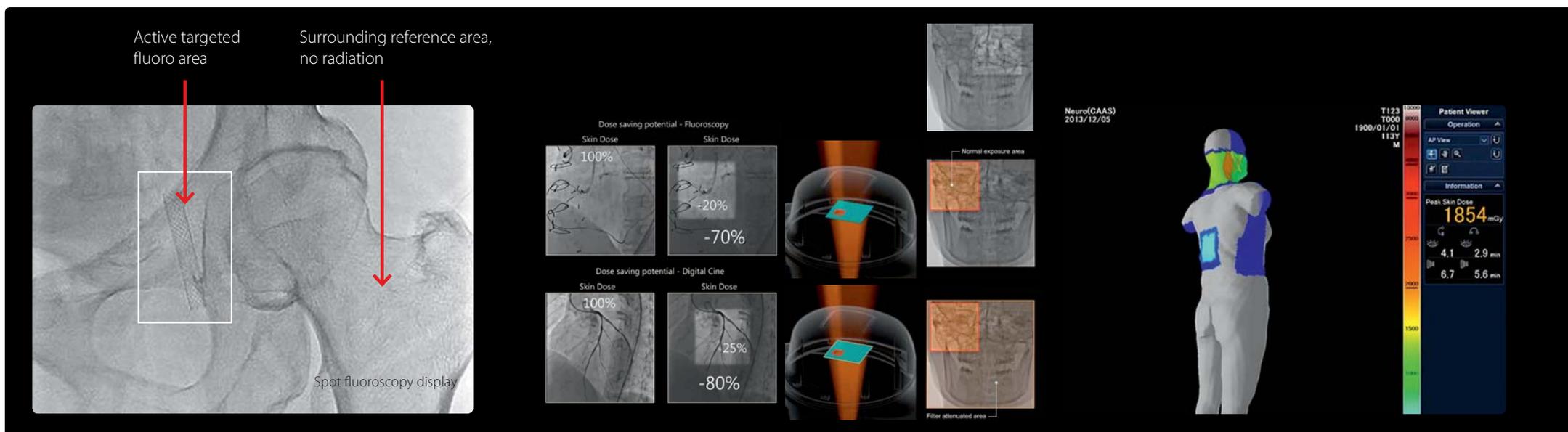
DSA of the liver during TACE procedure.

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 Medical has optimized every step of the imaging chain to reduce radiation dose while improving workflow and image quality. DoseRite™ is Toshiba Medical'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 with dose savings of up to 70%.

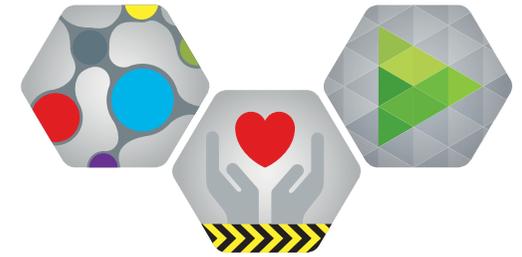
Spot ROI

Spot ROI helps you minimize the radiation exposure around a fixed ROI without restricting your total field of view. It is easy to use and for Fluoro, DA, DSA and Single shot.

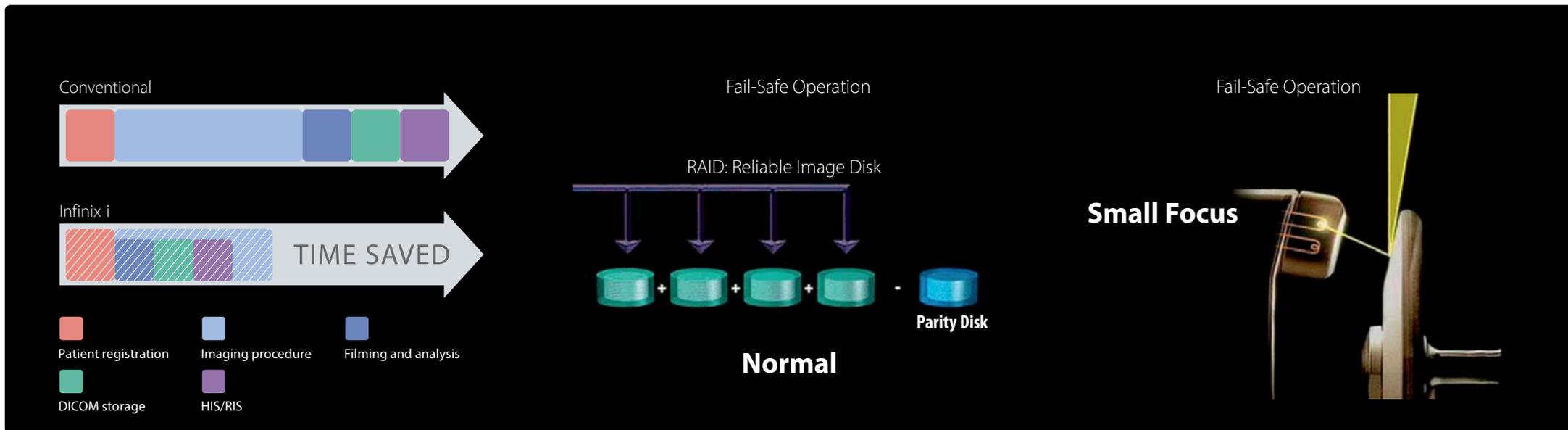
Dose Tracking System

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

Fast, efficient and safe from acquisition to archiving



Patient and operator safety, as well as uninterrupted workflow are top priorities for us at Toshiba Medical. 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.

Uncompromised 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 Medical'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.

Improved efficiency with greater confidence

To boost productivity, Infinix-i can be customized for a number of operators. Settings such as sequential navigation, rotational imaging, and more can be stored, reducing the amount of contrast and radiation dose, enhancing procedures for the clinical staff and patients.

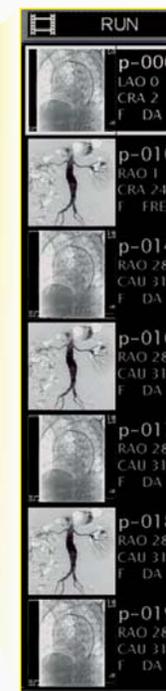


Live images

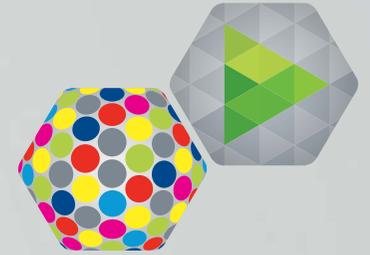


Reference images

Representative reference images can help to improve patient safety and operator efficiency during an interventional procedure. Infinix-i provides easy access to pre-acquired images from the thumbnail list either by using the mouse or tableside control.



Tableside controls



The Hyper Handle is a compact table side control unit that supports system operation and functions while minimizing ergonomic stress. It has an intuitive design with easily distinguished buttons and controls. The clinicians can easily drive the system by touch allowing them to remain focused on the patient and the procedure.

C-Arm Controls

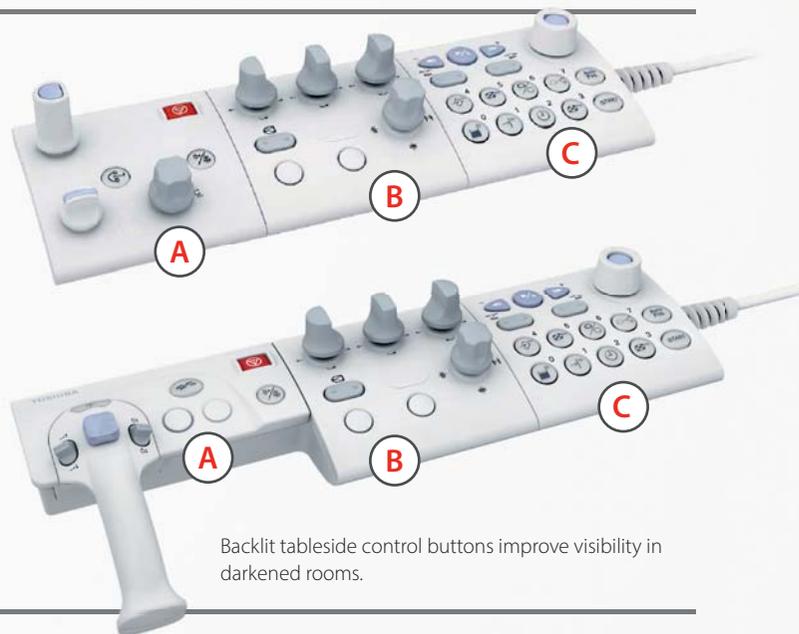
- A** One-handed operation allows the operator to raise and lower the table, position the C-arm and detector, and pan the table.

Collimator Controls

- B** Allows changing field of view and collimation (virtual collimation and filtration).

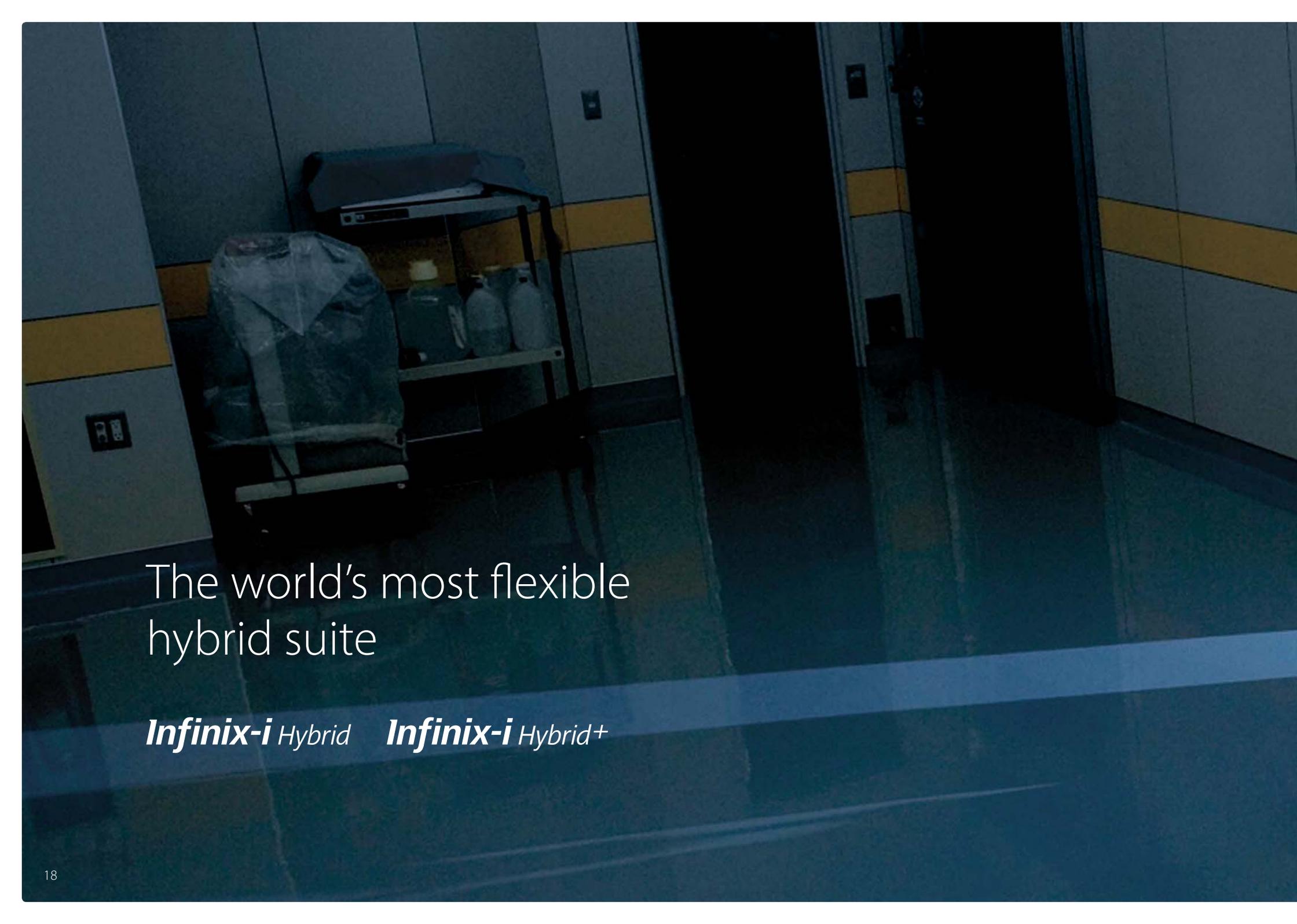
Digital Controls

- C** Programmable keys allow customized settings, one-touch dose saving features, replay of acquired images, and operation of the customized menu.



Backlit tableside control buttons improve visibility in darkened rooms.





The world's most flexible
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Infinix-i Hybrid ***Infinix-i*** Hybrid+



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TOSHIBA MEDICAL SYSTEMS EUROPE

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