



Discovery IGS 740

Free yourself from the rails

gehealthcare.com



Free yourself from the rails

Free yourself from the constraints of fixed ceiling-mounted systems' rails with the Discovery IGS 740™ mobile angiography system.

The untethered Discovery IGS 740 offers amazing siting and room design flexibility. Practice with exceptional comfort and control with Discovery's rail-free design and flexible C-arm positioning. Plus, its ample detector covers large anatomies in both 2D and 3D.





Put yourself at the center of your procedures

With nothing in your way, you can image the anatomy of interest easily, position your monitors freely, and access your patients completely from the left or right side on the Discovery IGS 740.



Liberating rail-free design

The Discovery IGS 740's swiveling wheeled gantry moves freely on the floor, not on the ceiling, eliminating overhead rails. So you can place your monitors exactly where you need them for comfortable viewing without straining.

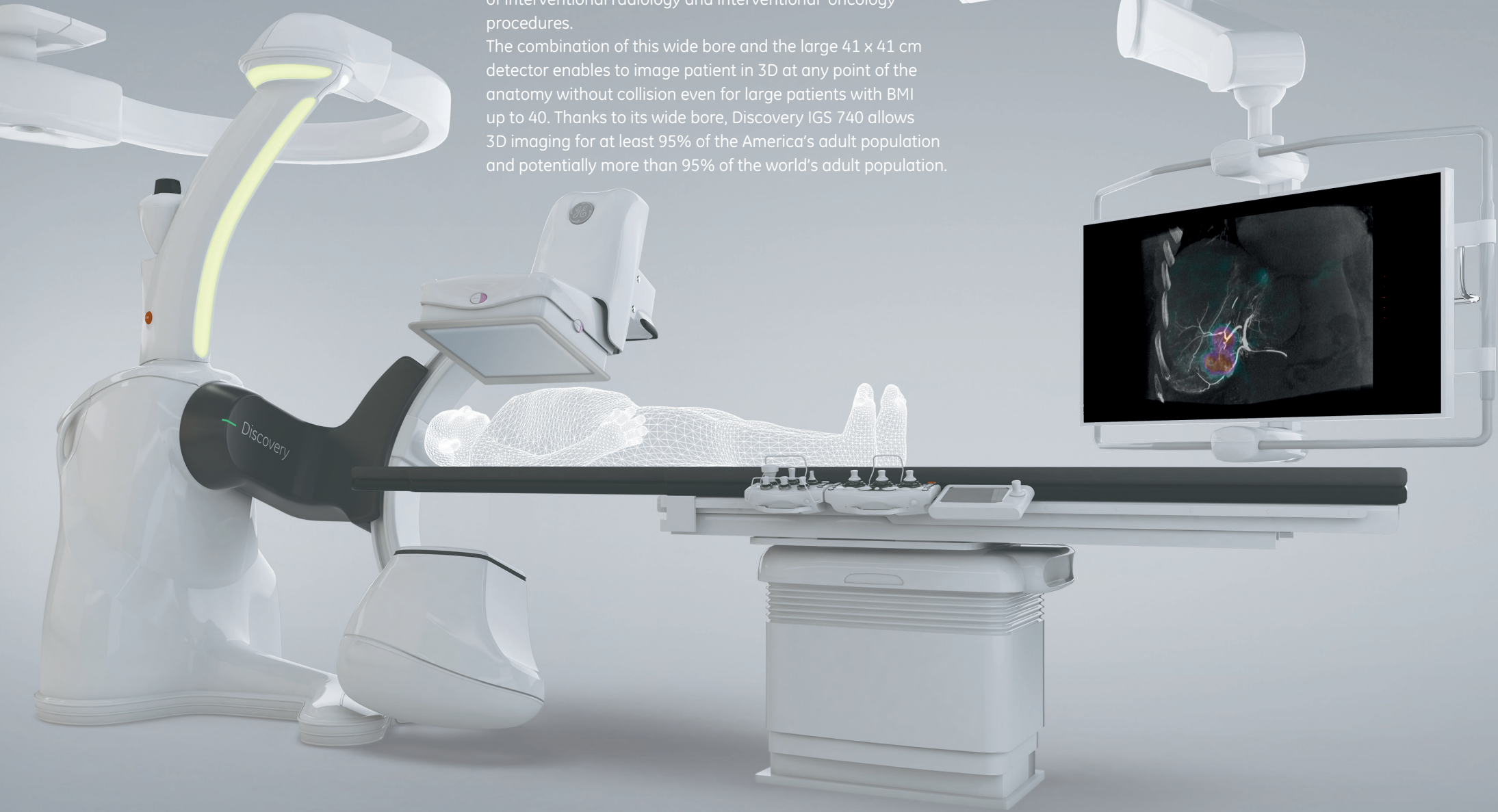


Dedicated arm imaging positions

Perform procedures such as left arm fistulograms comfortably with the Discovery IGS 740's dedicated arm imaging positions.

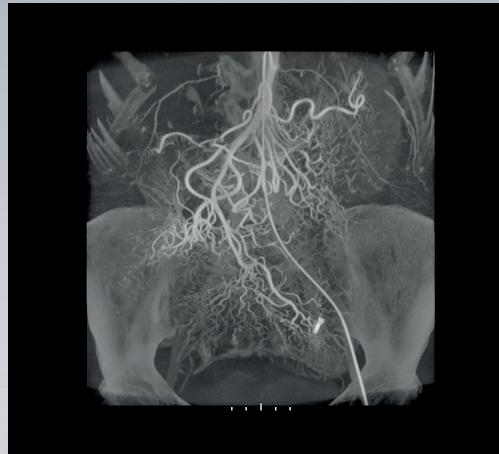
Largest wide-bore C-arm

The Discovery IGS 740 has the widest bore C-arm among major angiography systems used for imaging in the field of interventional radiology and interventional oncology procedures. The combination of this wide bore and the large 41 x 41 cm detector enables to image patient in 3D at any point of the anatomy without collision even for large patients with BMI up to 40. Thanks to its wide bore, Discovery IGS 740 allows 3D imaging for at least 95% of the America's adult population and potentially more than 95% of the world's adult population.

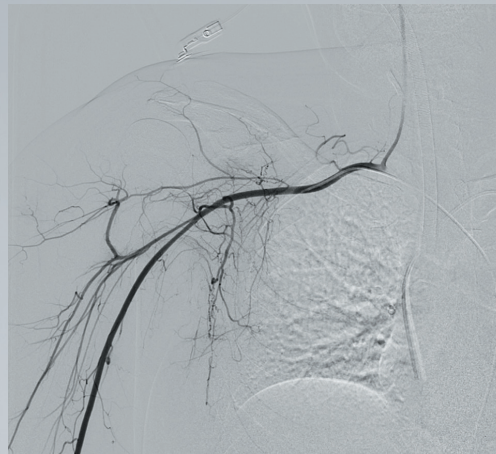


See large anatomies in one view

Cover large anatomies such as the liver or both legs simultaneously, with fewer runs than smaller detectors, for efficient use of contrast and dose.



Appreciate the high quality of CBCT images to visualize large organs with the 41x41cm (16.1 in.) field of view.



Appreciate the high quality of contrast uptake to see fine details comfortably with a 41x41cm (16.1 in.) field of view.

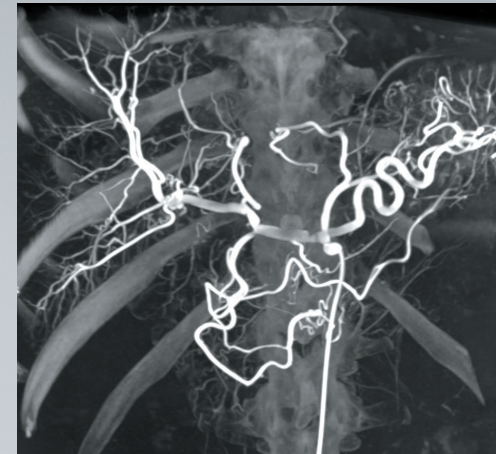
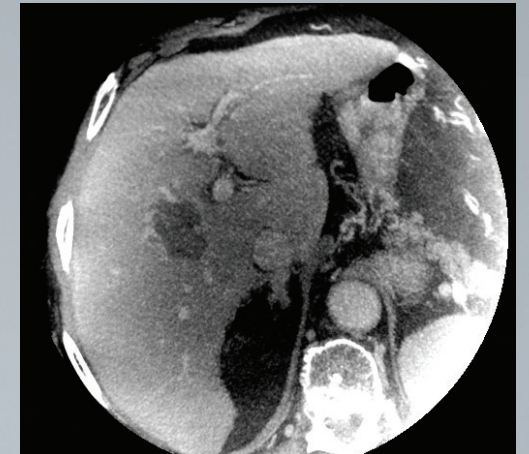


Image the entire liver in a single 3D acquisition with the Discovery IGS 740.



Leverage fine soft tissue contrast resolution to identify the ablated area right after your procedure with high quality CT-like imaging.



An exceptionally large detector

With its broad 41 x 41 cm (16.1 in) digital detector, the Discovery IGS 740 system boasts one of the largest fields of view for interventional imaging. Moreover, the GE-proprietary digital detector delivers one of the industry's highest levels of DQE, the accepted measure of X-ray detector dose efficiency.

Extended coverage in 2D

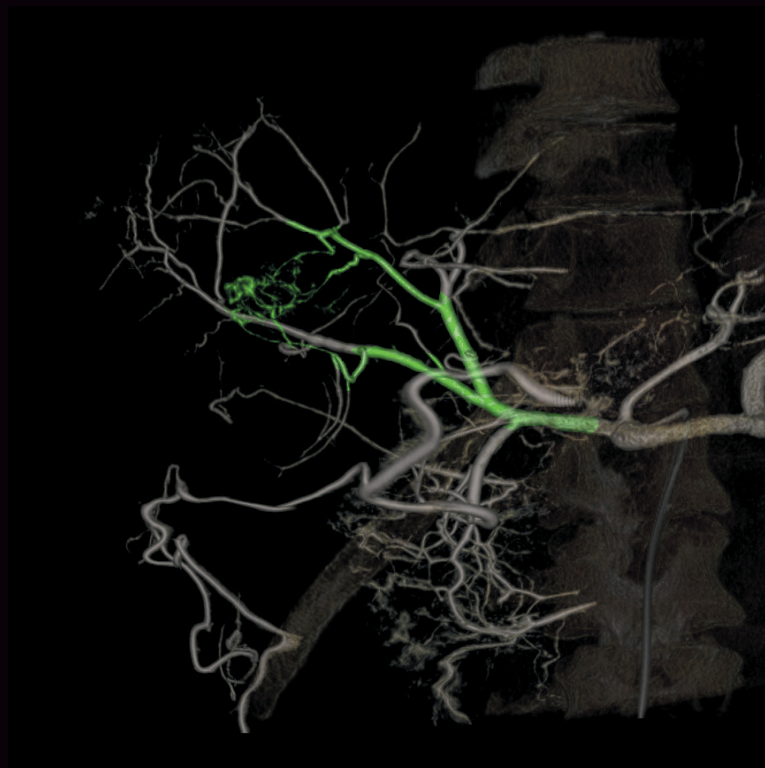
With InnovaBreeze¹™, take full advantage of the Discovery IGS 740's very large field-of-view and follow the contrast bolus in both legs in real time using variable panning speed control.

Large organs in 3D

Combine the wide-bore C-arm and the 41 x 41 cm (16.1 in) digital detector, and see large organs like the liver in 3D. Then use FlightPlan for Liver¹ to help you identify tumor-feeding vessels in a few clicks and be selective during your liver embolization.

Plan, guide and assess liver embolization with confidence

To deliver therapeutic material to tumors during trans-arterial chemoembolization therapy, it is essential to identify the liver vessels accurately. But the liver's complex vasculature can make precise identification of tumor-feeding vessels in 2D and 3D images a challenge, often requiring significant time, radiation, and contrast media.



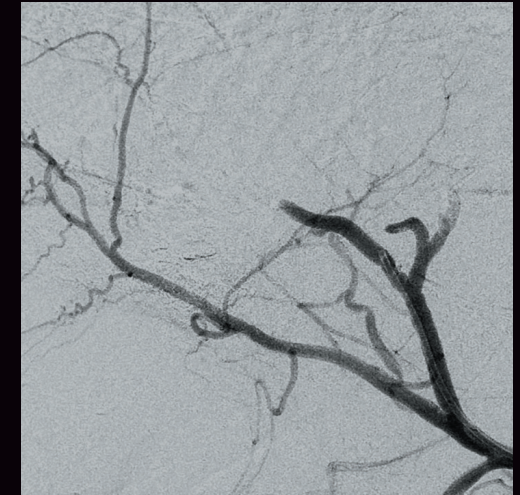
Plan

FlightPlan for Liver helps you be selective during your liver embolization procedure. It automatically highlights vessels traveling from the catheter tip to the vicinity of a liver hypervascular lesion in few clicks.



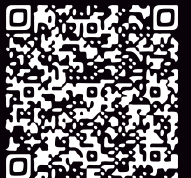
Guide

Once ready, you can send the FlightPlan for Liver 3D model to Vision 2 with a single click and use it as a 3D roadmap to guide catheters across tortuous vessels and bifurcations, helping you perform the embolization with confidence.



Assess

A post-operative DSA acquisition helps you determine the success of the embolization with no contrast agent leakage in the hypervascular lesion.



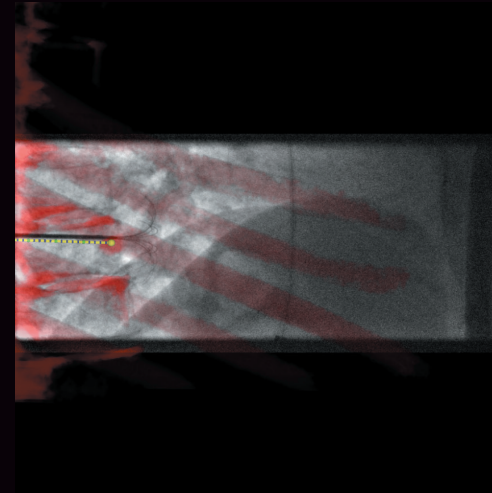
Plan, guide and assess needle procedures with confidence

Performing needle procedures in the interventional suite frees up your CT system and provides exceptional access to the patient. However, under fluoroscopic guidance, it may be challenging and time-consuming to find the right entry point and advance the needle while avoiding critical structures.



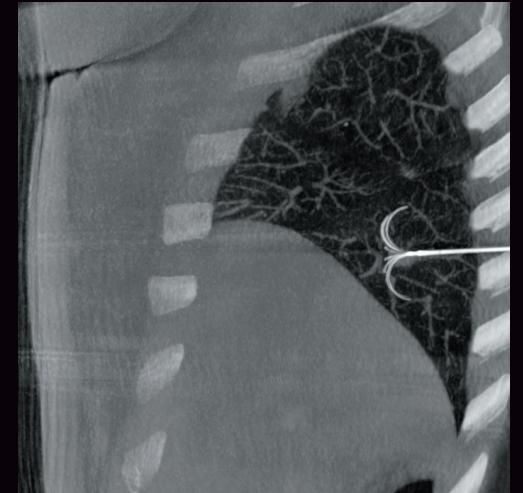
Plan

Plan the procedure using outstanding 3D information and determine the optimal skin entry points and needle paths directly on oblique CBCT cross-sections.



Guide

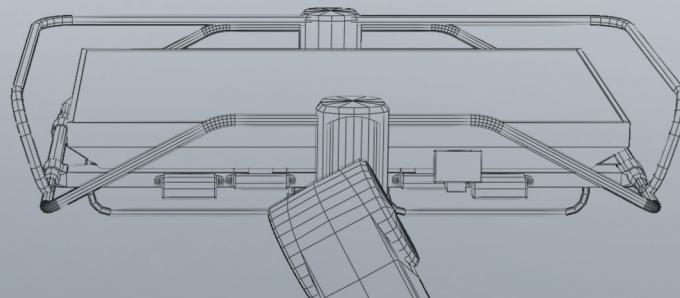
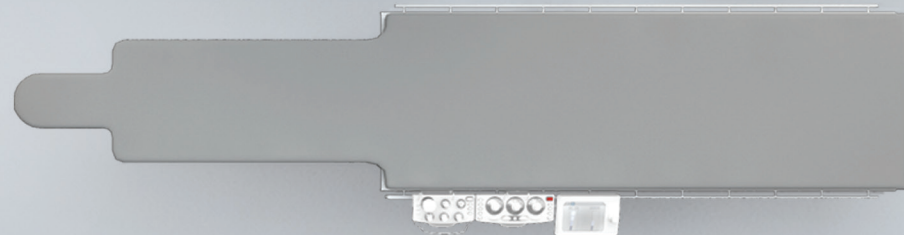
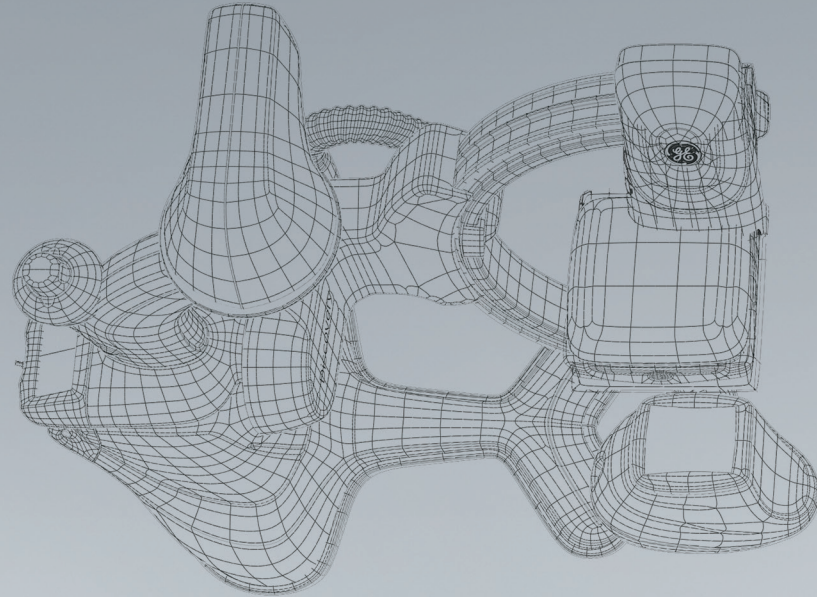
With Needle ASSIST you can guide your needle along the virtual trajectory that will follow C-arm angulations and table movements. A dedicated bone rendering lets you see mis-registration so you can correct for even small patient motion from tableside.



Assess

At this stage, you can assess the needle placement with an Innova CTHD acquisition helping you visualize the position of the needle in the lung prior performing the ablation.





Design your room with amazing flexibility

By eliminating the rails of ceiling-mounted system, the Discovery IGS 740 frees up your ceiling entirely for more flexibility in designing your room.

No reinforced ceiling structure needed

With the mobile Discovery IGS 740 system, there's no need for long and complex infrastructure improvements to reinforce your room's ceiling structure.



Drawing the ideal room

With no rails on the ceiling blocking where to position ceiling-mounted ancillaries, the Discovery IGS 740 gives you flexibility to draw the location of your monitors, lights and radshields where you need them to be. And with two customizable parking positions, the Discovery IGS 740 adapts to suit your room size and shape.

Siting in precious space

Whether you're building a new room, repurposing an existing room, or re-configuring a small room, the Discovery IGS 740 lets you use precious space efficiently. Fit the Discovery IGS 740 in rooms as small as just 35 square meters (377 square feet) for a wider choice of siting options in situations where space is at a premium.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

GE Healthcare
Chalfont St.Giles,
Buckinghamshire,
UK



Scan to see the trailer
gehealthcare.com/igs740

GE Healthcare, Europe
Headquarters Buc, France

GE Healthcare, Middle East and Africa
Istanbul, Turkey

GE Healthcare, North America
Milwaukee, USA

GE Healthcare, Latin America
Sao Paulo, Brazil

GE Healthcare, Asia Pacific
Tokyo, Japan

GE Healthcare, ASEAN
Singapore

GE Healthcare, China
Beijing, China

GE Healthcare, India
Bangalore, India



imagination at work

Data subject to change.
Marketing Communications GE Medical Systems
Société en Commandite Simple au capital de 65,146,245 Euros
283 rue de la Minière - 78533 Buc Cedex France RCS Versailles B 315 013 359
A General Electric company, doing business as GE Healthcare

GE, GE Monogram, Discovery and InnovaBreeze are trademarks of General Electric Company or one of its subsidiaries.

Discovery IGS 740 and products mentioned in this material cannot be marketed in countries where market authorization is required and not yet obtained. Refer to your sales representative.

* The Discovery IGS 740 has the widest bore (distance tube cover to detector cover) of the major players' interventional angiography systems used for imaging in the field of interventional radiology & oncology procedures.

¹ Option