

GE Healthcare

CARING DESIGN. PRACTICAL TECHNOLOGY.

Brivo* MR355 1.5T Inspire





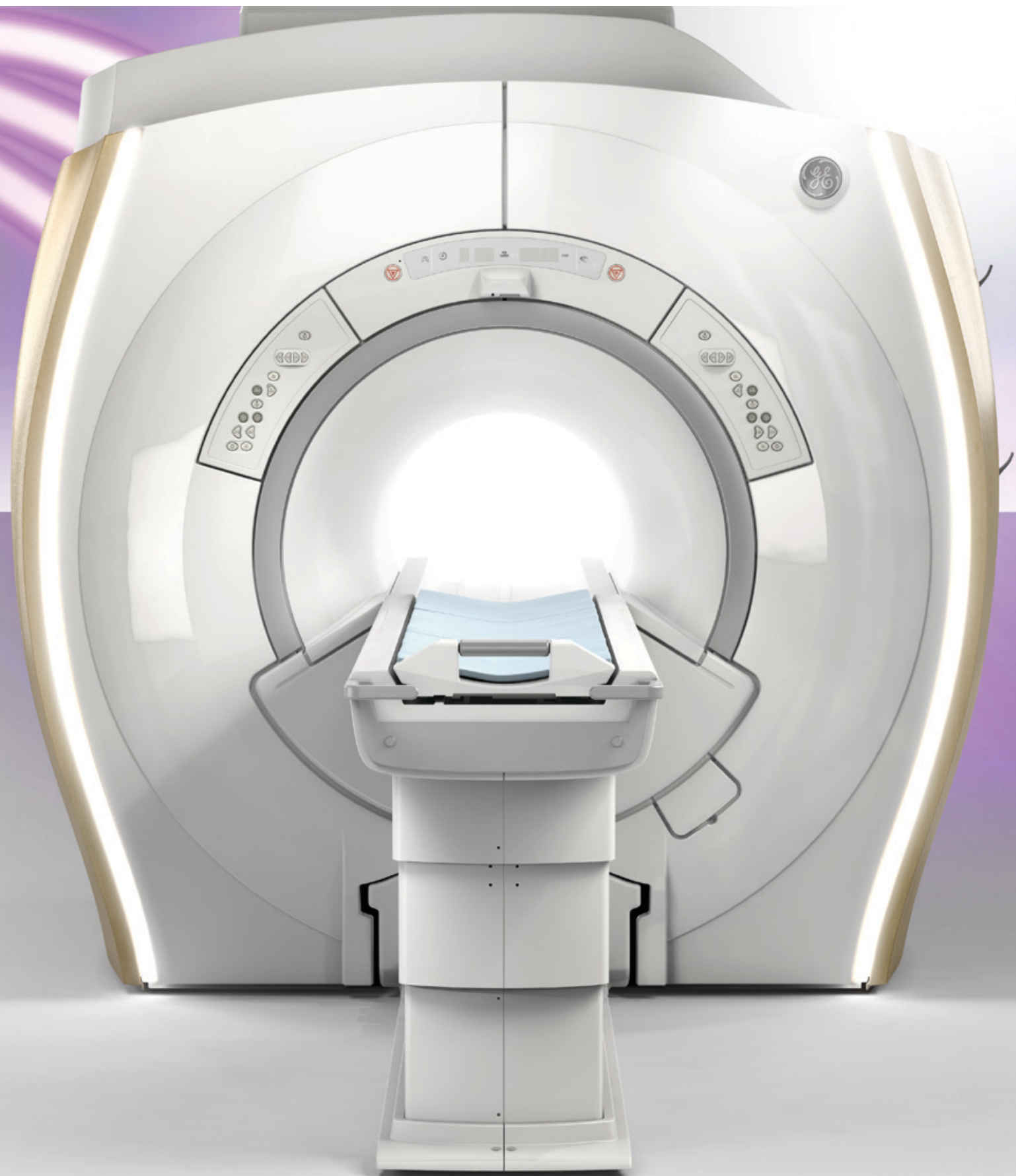
**“ITS ELEGANT DESIGN
AND WARM LIGHT
ARE INTRIGUING.”**

– Brivo MR355 Inspire [product manager](#)

Every piece of equipment you own represents a balance of technology and design. The Brivo MR355 Inspire not only exemplifies this philosophy, it takes it further. We’ve made our 1.5T MR imaging more practical and easier to use so its full capabilities are within your reach. And that’s just the beginning.

See how the Brivo MR355 Inspire gives you new clinical possibilities through instinctive technology combined with a design that inspires.

N



CARING DESIGN.

MR IN A NEW LIGHT.

Sometimes something as simple as a light, such as the sophisticated lighting on the Brivo MR355 Inspire, can be enough to get people's attention. This small, but important design choice represents our focus on the human element in MR.

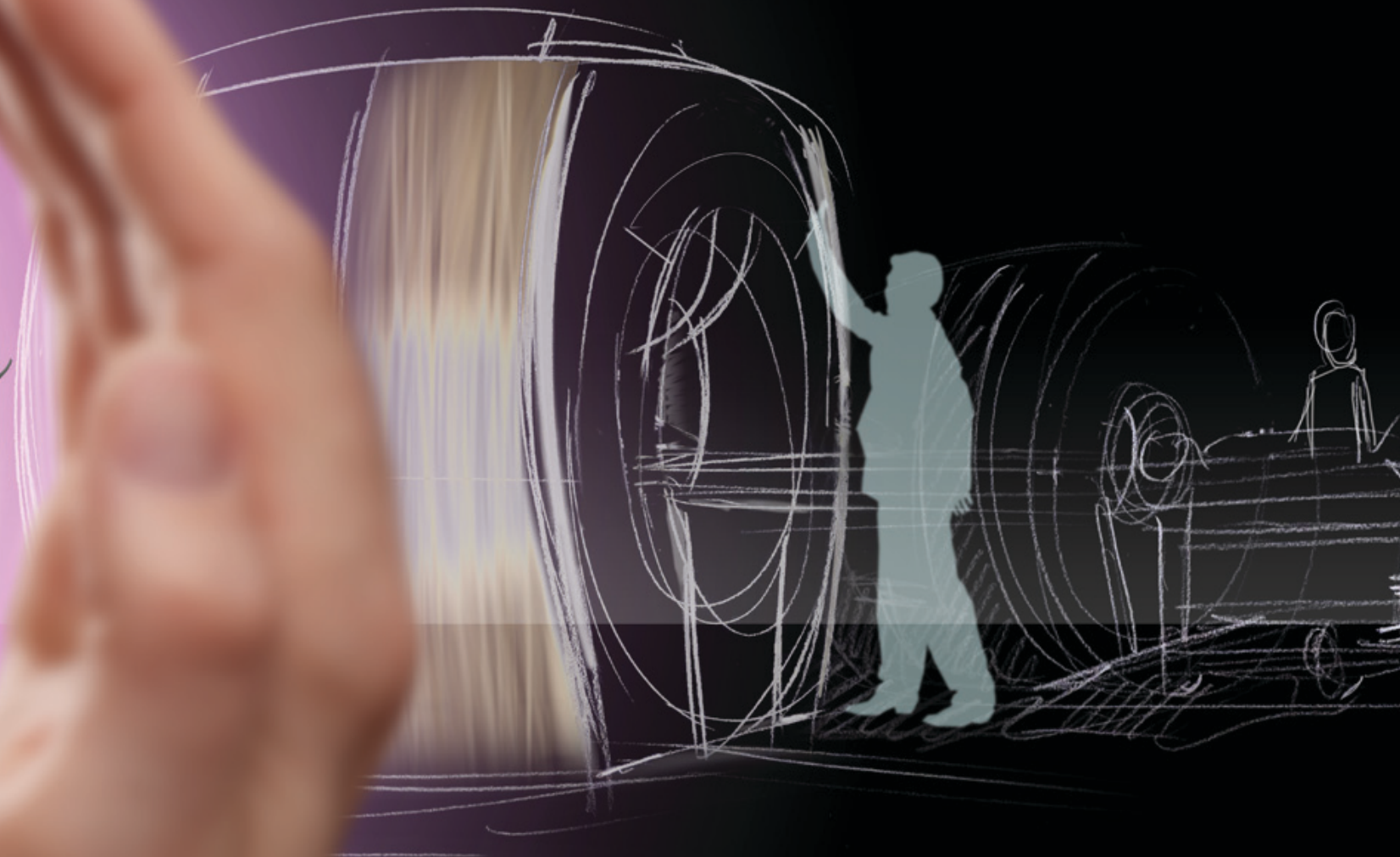
Using the symbol of caring hands as our inspiration, the Brivo MR355 Inspire was designed to be welcoming to the patient and intuitive for the technologist.

We listened to patients who asked us for a comfortable scan experience. So we made our table more accessible by redesigning it to be adjustable to the patient's height. Plus, we added a warm ambient light and softened the enclosure to be more familiar and inviting.

We also listened to technologists describe how they use MR every day and what we could do to make it easier for them. To that end, we made a user interface with intuitive scanner controls and Express coils designed to eliminate the need to reposition the patient. Now even technologists who are new to MR can feel more in control of the scanning experience so they can focus their attention on their patients.

The result? Exceptional clinical confidence enabled by an MR system that is inviting to patients and user-friendly for technologists.





“ We designed the Brivo MR355 Inspire with one thing in mind, the human element. This focus created a new direction for us and should influence the next generation of our products for years to come. ”

– Brivo MR355 Inspire lead designer

PRACTICAL TECHNOLOGY.

COUNTLESS POSSIBILITIES.

Welcome to 1.5T imaging. We've engineered each Brivo MR355 Inspire to be simple yet effective, so you can feel a renewed sense of confidence adding this diagnostic expertise to your facility and the patients you care for. As the foundation of our completely redesigned MR platform, you'll find our Brivo MR355 Inspire incredibly intuitive to use as you feel inspired to expand your medical horizons.

a product of
ecomaginationSM

Optical RF (OpTix)

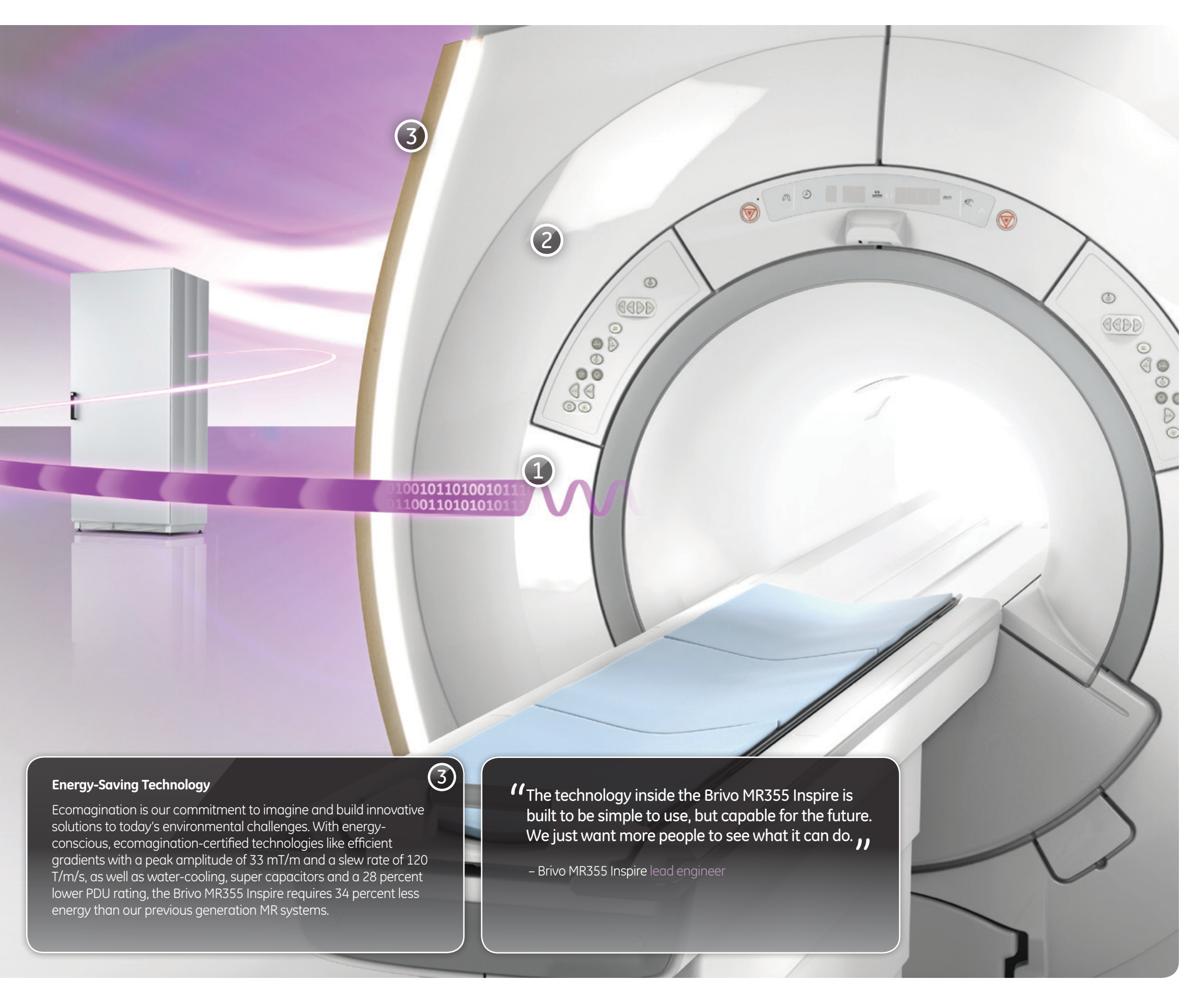
1

OpTix Optical RF technology offers high channel count, analog to digital-optical signal conversion where it matters – inside the scan room to minimize noise and signal degradation, but away from the patient to enhance comfort and safety. OpTix provides up to 27 percent higher signal-to-noise ratio (SNR) over our conventional, analog signal receivers, improving image quality and clinical confidence.

Usable FOV

2

At the heart of the Brivo MR355 Inspire is our same proven, highly homogeneous magnet (typical ppm <0.06 ppm @ 30 cm DSV) that is used throughout our 1.5T product line, including the Discovery* MR450. It also features a large field of view (FOV) of 48 cm.



3

2

1

0100101101001011
0110011010101011

3

Energy-Saving Technology

Ecomagination is our commitment to imagine and build innovative solutions to today's environmental challenges. With energy-conscious, ecomagination-certified technologies like efficient gradients with a peak amplitude of 33 mT/m and a slew rate of 120 T/m/s, as well as water-cooling, super capacitors and a 28 percent lower PDU rating, the Brivo MR355 Inspire requires 34 percent less energy than our previous generation MR systems.

“The technology inside the Brivo MR355 Inspire is built to be simple to use, but capable for the future. We just want more people to see what it can do.”

– Brivo MR355 Inspire lead engineer

EXPRESS EXAMS.

EXAM TIME WELL SPENT.

The time your technologists have with your patients is precious. Not only the amount of time, but the quality of time as well. Used efficiently, patients feel cared for and technologists can be more productive. We want your technologists to spend their time with your patients, instead of struggling with a cumbersome exam setup.

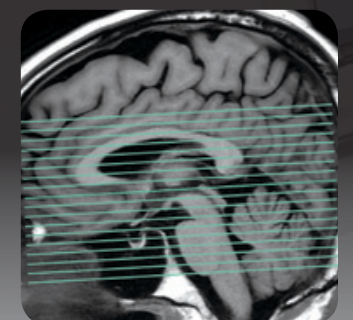
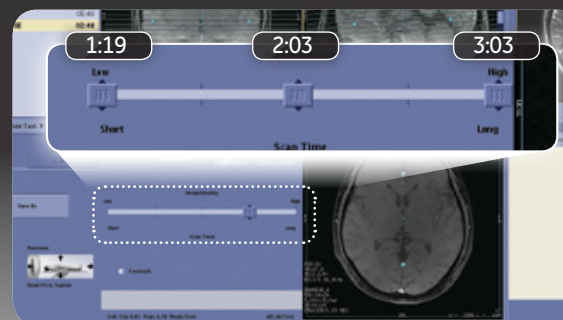
Our Express Suite coils were crafted to be intuitive and easy for technologists to use without sacrificing image quality. We also paired them with a new low-height table for easy patient access, even for larger patients. Together, they can help get your patients positioned quickly and comfortably, so your technologists can spend more of their time just being there.

“It's easy to work quickly with a system, table and coils when they're all designed to work together.”

– Express Suite lead coil engineer

READY Interface

The READY Interface streamlines workflow by offering simplified control of the scan parameters, which may allow for greater consistency from technologist to technologist and ultimately patient to patient. The intuitive READY Bar control condenses 30 inputs into a single control. READY Brain software automatically determines slice thickness for brain scans resulting in more consistency and improved precision. The Express spine annotation feature simplifies spine exams by allowing semi-automatic annotation of vertebral bodies on sagittal T2w spine imaging, potentially resulting in faster exam times.





Express Suite

The Express Suite coil design achieves outstanding coverage and penetration depth. The Express posterior array is positioned directly beneath the cradle—minimizing the distance between the patient and the coil elements to maintain high SNR. This enables high-quality head, spine and body imaging. And the automatic coil selection helps enable quicker and more consistent exams.

- ① Four-channel Flex
- ② Eight-channel knee
- ③ Express head and neck array



INTUITIVE APPLICATIONS.

SEE TO UNDERSTAND.

Even with the right balance of design and technology, intuitive applications are what truly drive better understanding of what you need to see. The Brivo MR355 Inspire offers easy to use applications to give you access to the full potential of MR capabilities.

PROPELLER 3.0

PROPELLER has low sensitivity to motion artifacts and high contrast-to-noise properties. This makes it well suited for producing high-resolution image quality even under challenging circumstances.

3D CUBE

3D Cube has the potential to replace several slice-by-slice, plane-after-plane 2D FSE acquisitions with a single 3D volume scan, providing you with T1, T2, T2 FLAIR or PD sequences. You can easily reformat sub-millimeter isotropic volume data from a single acquisition into any plane without gaps, and with the same resolution as the original plane.

eDWI

The enhanced diffusion weighted imaging technique has been designed to provide high signal-to-noise-ratio diffusion images of the liver and brain with short acquisition time. Its multi-b feature is designed to provide measurement of apparent diffusion coefficient (ADC) map with reduced effects of perfusion.



Inhance Suite

The Inhance MRA Suite is a series of non-contrast enhanced techniques designed to image vasculature of the brain, abdomen and legs with excellent background suppression in short exam times.

INTUITIVE APPLICATIONS.

SEE TO UNDERSTAND.

Even with the right balance of design and technology, intuitive applications are what truly drive better understanding of what you need to see. The Brivo MR355 Inspire offers easy to use applications to give you access to the full potential of MR capabilities.

PROPELLER 3.0

PROPELLER has low sensitivity to motion artifacts and high contrast-to-noise properties. This makes it well suited for producing high-resolution image quality even under challenging circumstances.

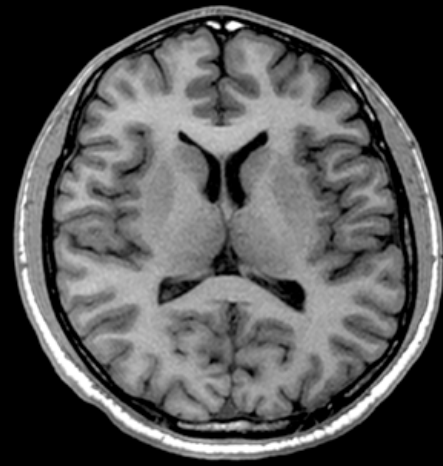
3D CUBE

3D Cube has the potential to replace several slice-by-slice, plane-after-plane 2D FSE acquisitions with a single 3D volume scan, providing you with T1, T2, T2 FLAIR or PD sequences. You can easily reformat sub-millimeter isotropic volume data from a single acquisition into any plane without gaps, and with the same resolution as the original plane.

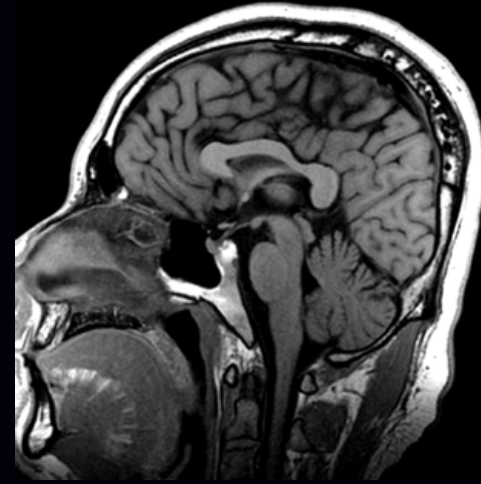
eDWI

The enhanced diffusion weighted imaging technique has been designed to provide high signal-to-noise-ratio diffusion images of the liver and brain with short acquisition time. Its multi-b feature is designed to provide measurement of apparent diffusion coefficient (ADC) map with reduced effects of perfusion.

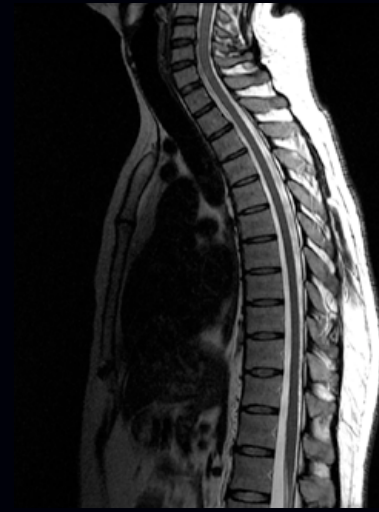
NEURO



Brain
BRAVO Axial
256 x 256 1.2 mm



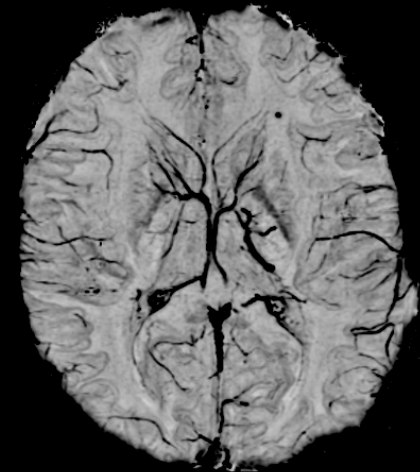
Brain
T1 Cube Sagittal
288 x 288 1.2 mm



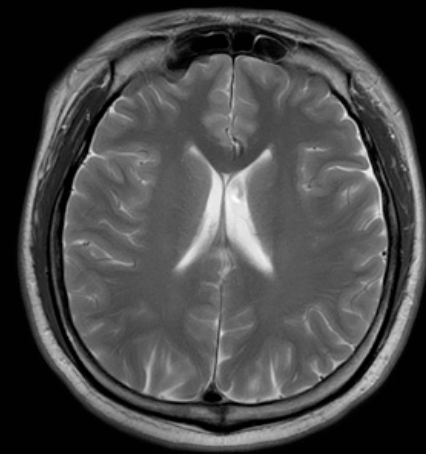
T-Spine
T2 frFSE Sagittal
416 x 288 3 mm



C-Spine
T2 PROPELLER Sagittal
320 x 320 3 mm



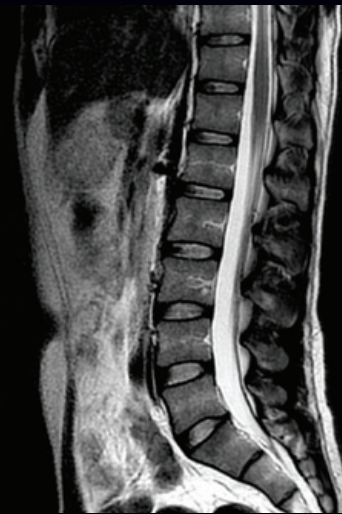
Brain
SWAN
384 x 320 1.8 mm



Brain
T2 PROPELLER Axial
512 x 512

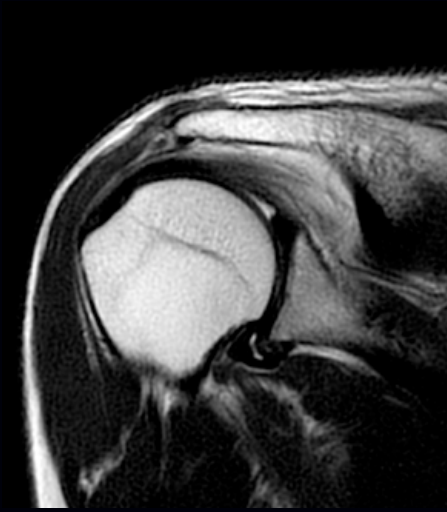


C-Spine
T1 FLAIR PROPELLER Sagittal
288 x 288



L-Spine
T2 PROPELLER Sagittal
320 x 320 4 mm

MUSCULOSKELETAL

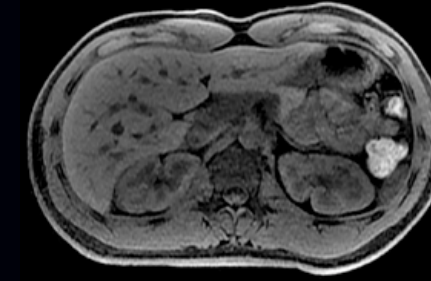


Shoulder
T2 PROPELLER Coronal
288 x 288 4 mm

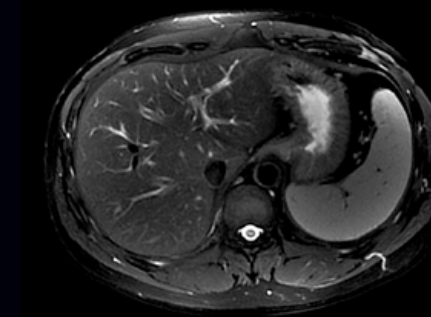


Knee
3D MERGE Coronal
320 x 224 4 mm

BODY

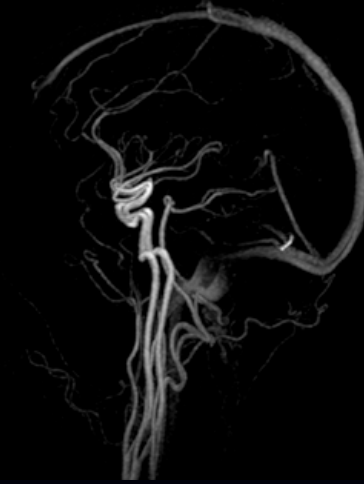


Abdomen
LAVA XV
320 x 192 4.2 mm

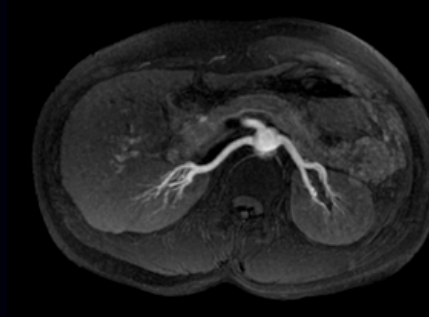


Abdomen
T2 PROPELLER Fat Sat
320 x 320 6 mm

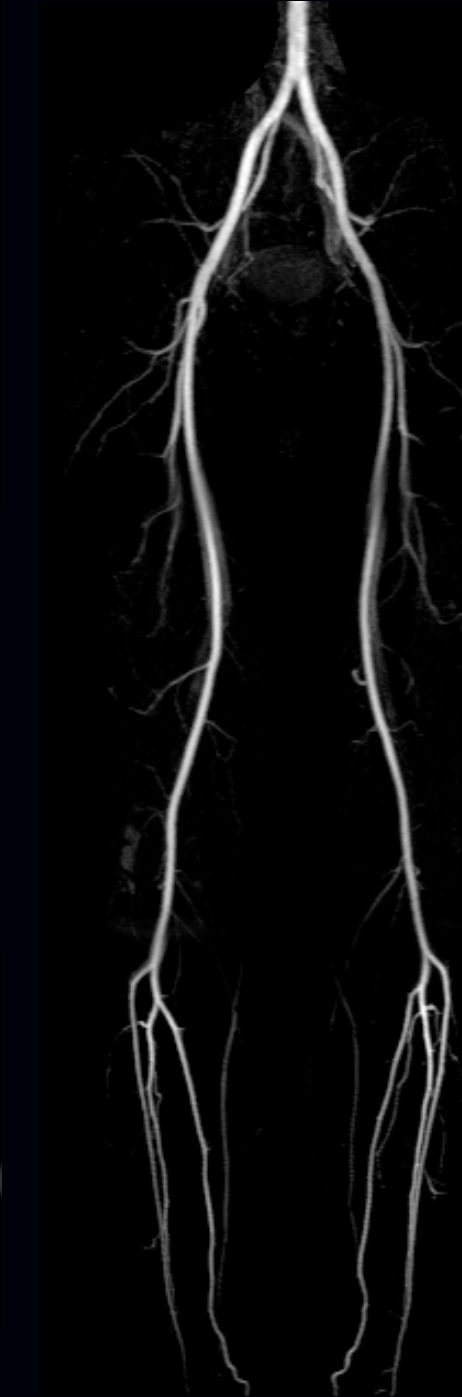
VASCULAR



Inhance 3D Velocity
256 x 224 1.2 mm



Inhance 3D IFIR Axial MIP
256 x 256 2.2 mm



Inhance Deltaflow
3 stations



GO FURTHER.

WITH OUR SUPPORT.

Being ready for the future means having a system that can not only grow beyond its original design, but surpass it. The Brivo MR355 Inspire was designed with the ability to go further with our award-winning support teams. Enjoy what it means to be our customer with instant access to our service, training and GE Continuum* offerings.

SERVICE.

Along with one of our many, customizable service plans, we have a 25-year history of providing you with select, no-charge service enhancements to keep your systems and application capabilities up to date, ensuring you get the most out of your investment. Safeguard the future performance of your Brivo MR355 Inspire with our latest digital services to help fix issues fast and even stop problems before they happen.

InSite*

InSite remote digital services enable us to reach out over broadband connections to understand and care for your critical equipment. Our advanced remote preventative maintenance features can help provide more timely and effective software updates to keep your equipment up and running. Over 90 percent of field replacement units could be isolated with high confidence and short troubleshooting time.

InSite OnWatch

InSite OnWatch proactive technology can help avoid unplanned downtime by identifying service issues before they occur – even before you know anything is wrong.

iLinq*

iLinq allows you to request applications support and also receive a quick response from our technical experts, all at the touch of an on-screen button.

TRAINING AND EDUCATION.

TiP Virtual Assist

TVA applications training gives you the benefit of hands-on, on-site training from a distance. By connecting directly to your imaging console, technologists can observe our trainers as they demonstrate and then practice the steps themselves.

Tip Ed Online

Tip Ed Online provides access to step-by-step guides and training materials keeping valuable information at your fingertips.

GE CONTINUUM.

Part of the GE-exclusive Continuum, the Brivo MR355 Inspire uses the same proven, highly homogeneous magnet used throughout our MR 1.5T product line—for simple and economical upgradeability in the future.







**“IT’S AS EASY TO
USE AS IT IS ON
THE EYES.”**

This is what just one MR expert felt when they saw the Brivo MR355 Inspire for the first time. It exemplifies our goal to design an MR with as much emotion as technical prowess. This approach has led us to develop one of the most patient and user-friendly MR systems we’ve ever built.

WHAT WILL YOU FEEL WHEN
YOU SEE IT FOR THE FIRST TIME?

©2012 General Electric Company – All rights reserved.

General Electric Company reserves the right to make changes in specification and features shown herein, or discontinue the product described at any time without notice or obligation.

GE and GE Monogram are trademarks of General Electric Company.

GE Healthcare, a division of General Electric Company.

* Trademark of General Electric Company. Brivo MR355 is the official product name.

Brivo MR355 Inspire is not yet approved by certain national regulatory authorities for commercial availability at this time. Currently, this brochure is intended for healthcare professionals outside the U.S.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug Optima, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

Our “healthymagination” vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com

GE Healthcare
3200 N. Grandview Blvd.
Waukesha, WI 53188
USA
www.gehealthcare.com



imagination at work

healthymagination