

GE Healthcare

Propel

your imaging abilities into the future.

SIGNA™ CREATOR

Imagine what MR can be.





SIGNA
Creator



Leap ahead

and create your future in imaging.

Meet SIGNA Creator, named for its ability to help you create a new diagnostic future.

Built with the DNA of SIGNA, the pioneer of MR systems, SIGNA Creator packs the diagnostic punch of leading-edge MR technology. It covers an impressive range of applications and delivers excellent image quality and patient comfort, whilst improving workflow and keeping total cost of ownership low.

Get ready to experience an extraordinary foundational MR system that will open a whole new world of opportunity.



Revolutionize

your clinical potential.

Redefine your clinical offering with the formidable power of SIGNA Creator. This system allows you to cover virtually all patient types and clinical areas while delivering consistently excellent images.

- Our proven, highly homogeneous magnet consistently delivers high quality images across a larger FOV than most other MR systems.
- OpTix Optical RF technology offers high quality analog to digital signal conversion and can provide a gain in SNR of up to 27% over conventional analog signal receivers, improving image quality and clinical confidence.

- SIGNA Creator's range of advanced applications enables you to discover new dimensions of clinical performance. The "eyes to thighs" portfolio of applications gives you neuro performance with automated motion correction, MSK performance with cartilage mapping, multi-planar body imaging with quantitative capabilities, and vascular performance with non-contrast and automated time-resolved imaging.

SIGNA Creator liberates you from the limitations of traditional imaging to bring you tomorrow's abilities today.

SIGNA Creator: Propel your clinical experience into the future.





Clinical power of

SIGNA Creator

Neuro

Whether seasoned user or novice, READY Brain allows you to choose whether speed or image quality is your priority. PROPELLER gives you motion correction and Cube delivers 3D imaging.

Spine

Extensive coverage and motion correction techniques allow you to capture clear images that are resistant to artifacts resulting from patient motion and CSF flow.

Musculoskeletal

Obtain clear images in the presence of motion. Use Cartigram to non-invasively assess the extracellular cartilage matrix.

Body

Enhanced Diffusion Weighted Imaging (eDWI), volumetric imaging and multi-contrast imaging give our "eyes to thighs" portfolio power and precision with extended capability for bilateral breast imaging.

Vascular

Visualize arterial and venous flow with an advanced array of powerful and robust pulse sequences that are designed to be user-centric and may not require a contrast agent.

Large FOV spine
2 Stations
T2 IDEAL Sagittal



Renal
Inhance 3D Inflow IR Axial



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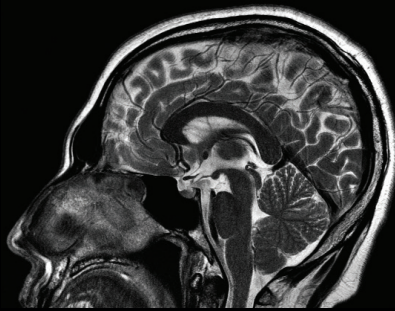
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Vascular

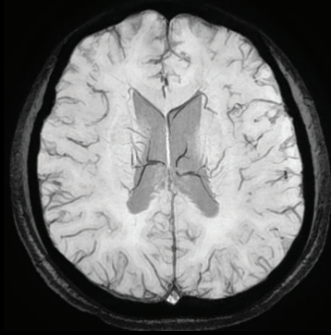
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2 Stations
T2 IDEAL Sagittal

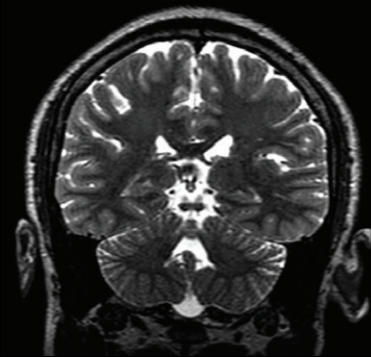
Neuro



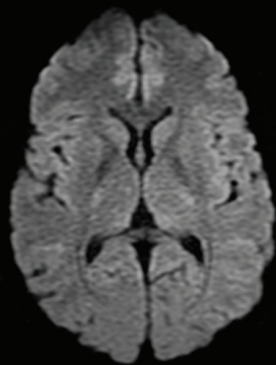
Brain
T2 PROPELLER Sagittal



Brain
eSWAN Axial



Brain
T2 Cube Coronal Reformat

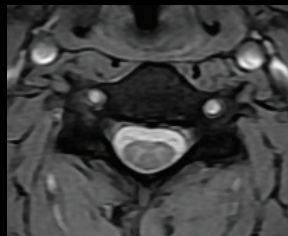


Brain
eDWI Axial

Spine



C-Spine
T2 PROPELLER Sagittal



C-Spine
MERGE Axial



L-Spine
T2 PROPELLER Sagittal

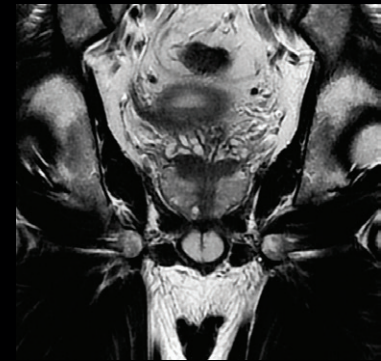
Body



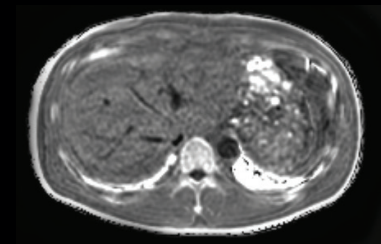
Whole Body Pasted T1 Coronal



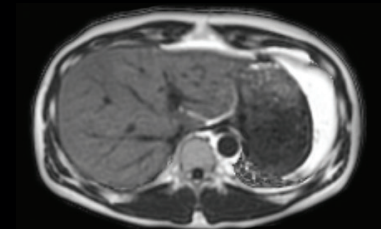
Abdomen
3D MRCP with Navigator



Male Pelvis
T2 PROPELLER Coronal

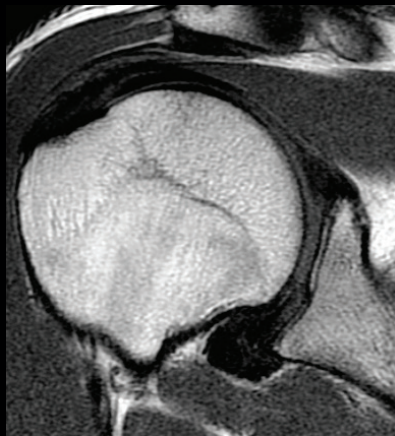


Abdomen
IDEAL IQ Axial
Fat Separation



Abdomen
IDEAL IQ Axial
Water Separation

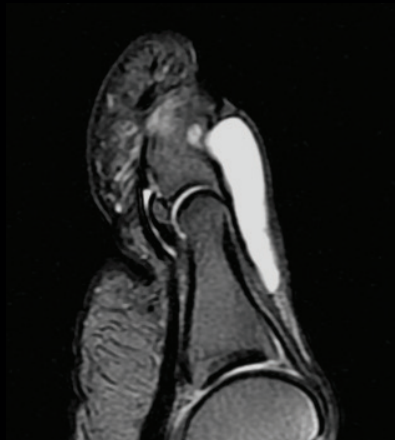
Musculoskeletal



Shoulder
PD PROPELLER Coronal



Knee
MERGE Sagittal

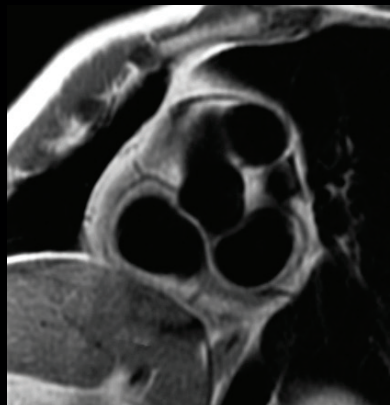


Toe
T2 PROPELLER Sagittal

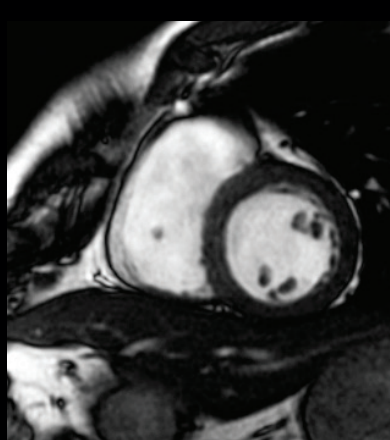
Vascular



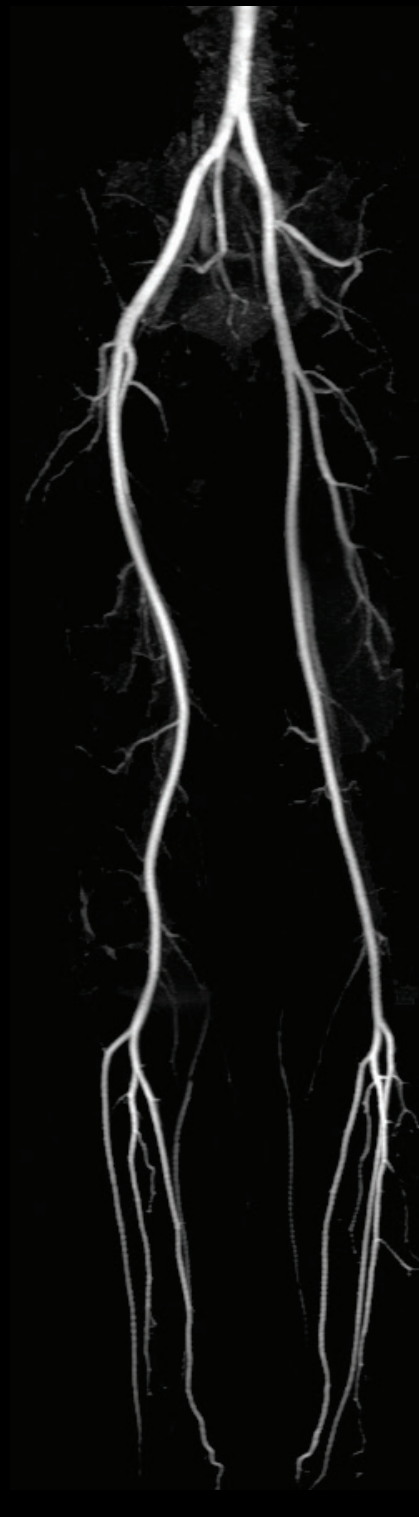
Carotids
Inhance 3D Sagittal



Cardiac
Double IR



Cardiac
FIESTA Cine
Short Axis



Inhance DeltaFlow
3 Stations

Key applications

Inhance

To help visualize arterial and venous flow with an advanced array of powerful and robust pulse sequences without contrast injection.

IDEAL IQ

An acquisition and reconstruction technique that generates quantitative triglyceride fat-fraction maps to measure the degree of fat in the liver.

VIBRANT

Excellent bilateral dynamic contrast breast imaging with high spatial and temporal resolution.

StarMap

Non-invasive assessment of the iron content in the entire heart or liver.

PROPELLER

To combat patient motion and susceptibility artifacts potentially reducing the need for sedation.

Cube

Replaces several 2D slice acquisitions with one single 3D volume scan.



Transform

your workflow and throughput.

Unshackle yourself from the operational constraints of conventional imaging technology and experience extraordinary workflow efficiency with SIGNA Creator.

Its intuitive plug-and-play-like tools simplify access to its wide range of MR capabilities, to produce uniform, high-quality images. For example, the Express Suite coil design achieves outstanding coverage and signal penetration. And the automatic coil selection helps enable quick and consistent exams.

Robust applications not only give you consistently excellent imaging performance but help to improve workflow. Motion correction techniques like PROPELLER help minimize the effects of motion artifacts, potentially reducing the need for rescans and the impact of patient movement on workflow.



Volumetric imaging acquisitions like Cube replace cumbersome, slice-by-slice, plane-after-plane 2D acquisitions with a single 3D volume scan. Additional time-savers include READY Brain, an automated brain exam even non-expert MR users can operate, and simplified whole body diffusion imaging with eDWI in as little as 7 minutes.

Combine these user-friendly tools and innovative applications, and you can optimize throughput.

SIGNA Creator: Propel your operational experience into the future.

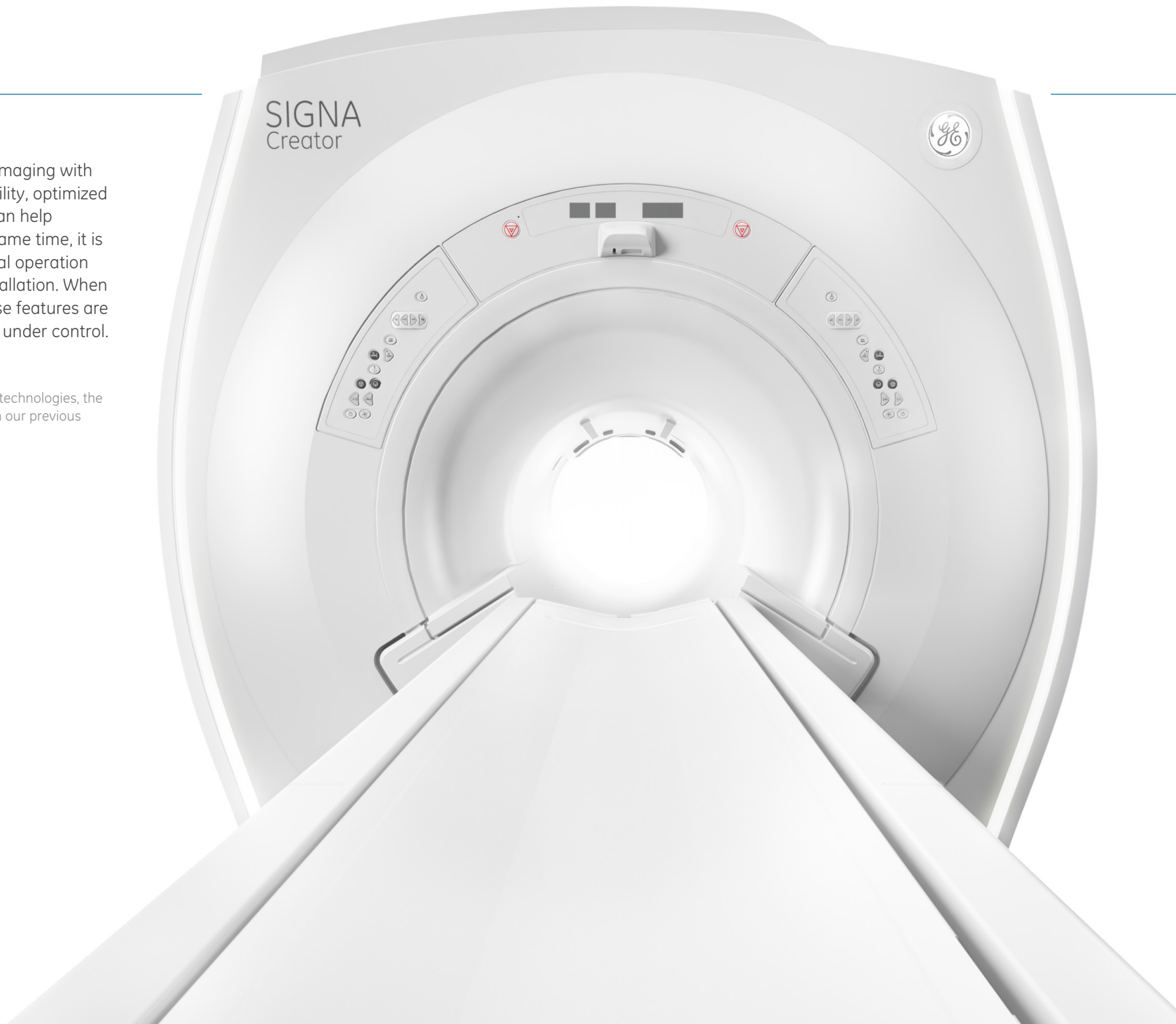


Boost

your financial power.

Make a solid investment in the future of imaging with SIGNA Creator. Its broad clinical applicability, optimized workflow and consistent image quality can help enhance your revenue potential. At the same time, it is designed to use less power* under normal operation and to require a smaller footprint for installation. When combined with its ease of operation, these features are designed to help keep running costs well under control.

* With energy-conscious, ecoimagination-certified technologies, the SIGNA Creator requires 34 percent less energy than our previous generation MR.



Born to run.

GE's exceptional service coverage means you have a range of customizable service plans to choose from, along with access to digital services such as InSite™ OnWatch, so you can get technical support at the touch of a button and maximize uptime.

Our training and education programs can be tailored to include virtual assistance that connects you with our clinical experts in real-time. In addition to local support, you'll have access to step-by-step guides and training materials at your fingertips.

SIGNA Creator also uses the same proven, high-quality magnet throughout our 1.5T product line, giving you the advantage of easy, economical upgradeability as part of the GE MR Continuum™.

SIGNA Creator: Designed to propel your financial power into a flourishing future.



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 discovery, 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.

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imagination at work

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MR-0487-09.14-EN-US
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