SIGNA™ Hero 3.0T

THIS ONE'S FOR YOU

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INTRODUCING SIGNA™ HERO

SIGNA™ Hero is a 70 cm bore, 3.0T scanner built to streamline workflow, and increase productivity and patient comfort. Combining exceptional image quality with an enhanced experience for both departments and patients – you can rely on this MR hero to make difficult exams routine, helping your daily practice run smoother.

WHAT MAKES SIGNA™ HERO A HERO?

Radiology teams – you are healthcare's hidden heroes, and with increasing demands, you face more pressure than ever.

Your patients want the smoothest, most comfortable scan experience while spending as little time on the table as possible.

Your radiologists and referring physicians want the reassurance of accurate, fast, and reliable results.

Your staff wants to help as many patients as possible with a scanner that makes their job and workload easier to manage.

SIGNA™ Hero can offer all that and more. It's been built for anything: to improve patient experience, reduce clinician burden, and make difficult exams simpler. Helping true radiology heroes, just like you, do exactly what they need to do.

Dual 12.1" In-Room Display with Capacitive Touch

Head-to-Toe coverage with Whole-Body Imaging workflows & Feet First Scanning

50 cm x 50 cm x 50 cm Field of View

3.0T, 70 cm Wide-Bore Scanner

45 mT/m, 200 T/m/s Gradient Perfomance

Next Generation, Low Helium, Lighter Magnet

Deep Learning in its DNA: AIR™ Recon DL standard

AN ENHANCED EXPERIENCE

FOR YOU AND YOUR PATIENTS

SIGNA™ Hero improves the scanning experience for both you and your patients. Our deep-learning reconstruction algorithm AIR™ Recon DL and automated applications such as AIR x™ and AIR Touch™ ensure scans can be completed faster, so patients spend less time on the table, reducing their anxiety and stress. For clinicians, faster scan times can help to reduce backlogs.

The eXpress Detachable Table accommodates patients of all sizes and can be set up in a separate room when patients are waiting for their scan, making workflow more efficient.

A wider 70 cm bore gives patients more room and when combined with unique blanket-like AIR™ Coils, scanning is less cumbersome. That means fewer adjustments and more clinical exams– so you can help even more patients.

SCAN FASTER

reduce backlogs with AIR™ Recon DL, AIR x™ and AIR Touch™

IMPROVE EFFICIENCY

with our eXpress Detachable Table

REDUCE IN-ROOM PATIENT COIL ADJUSTMENT

with AIR™ Coils and Whole-Body Imaging workflows

EXCEPTIONAL IMAGE QUALITY

WITH INDUSTRY LEADING AI TECHNOLOGY

ACQUIRE
exceptional MR images faster with AIR™ Recon DL

INCREASE
signal-to-noise ratio, and the sharpness and clarity of MR images

GROW
with AIR™ Recon DL's future enhancements

Clearer images mean easier diagnoses, and with our pioneering deep-learning technology AIR™ Recon DL, you can achieve exceptional images faster for even broader clinical coverage.

You can be more confident in the images you acquire with easy-to-read high quality scans that may also reduce eye fatigue, making scanning a better overall experience. Plus, scans can be completed up to 50% faster, making it a more comfortable experience for your patients too.

Rely on the industry's latest AI technology. Invest today and be at the forefront of imaging innovation.

UNMATCHED PRODUCTIVITY

WITH THE AIR™ FAMILY OF TECHNOLOGIES

SIGNA™ Hero is designed to help streamline even the most challenging of clinical schedules.

AIR™ Coils and AIR™ Recon DL enable you to carry out end-to-end clinical solutions in areas such as prostate cancer as part of mainstream clinical practice. This comprehensive MR solution enables fast, consistent, and measurable results in 10 minutes while adhering to the PI-RADS® v2.1 criteria guidelines. The sharper imaging helps eliminate the need for unnecessary biopsies, making prostate cancer evaluation more efficient.

You can also feel reassured that help is on hand whenever you need it with Edison™ Imaging 360. You can access assistance from clinical radiology experts, seamlessly train staff, update and manage department protocols, and receive an actionable view of daily operations. All fitting around you and your specific clinic's schedule.

DIAGNOSE
confidently with end-to-end clinical solutions for vital exams

ACCESS
help from clinical radiology experts whenever you need it

STREAMLINE
protocols seamlessly and optimize staff training

ABOUT EDISON™ IMAGING 360

WELCOME TO THE FUTURE OF IMAGING

Our SIGNA™ Hero imaging solutions are all encapsulated in Edison™ Imaging 360. Our digital ecosystem of smart, connected products is designed to help imaging departments thrive by delivering consistent, high-quality clinical outcomes, and empowering imaging teams before, during, and after exams.

IMAGING PROTOCOL MANAGER

Simplify protocols across your GE devices, drive consistency across your landscape, and contribute to the economic success of your health system

DIGITAL EXPERT ACCESS

A real-time virtual solution that enables collaboration among your teams, within a single hospital or across multiple locations

IMAGING INSIGHTS

Better data visibility, integration, and analysis help radiology teams optimize workflow, increase performance, and make more informed decisions

COMMITTED TO SUSTAINABILITY

A CLEANER WAY TO SCAN YOUR MR PATIENTS

At GE MR, we're committed to a greener future and SIGNA™ Hero is at the forefront of that mission. With our intelligent magnet technology which is 1.4x more efficient than previous generations, the SIGNA™ Hero has 67% lower helium usage.* Our magnets stay current for multiple product generations through the SIGNA™ Continuum™ and SIGNA™ Lift programs, so you're investing in the future.

With built-in sleep mode to conserve energy, and the ability to reduce power consumption through reduced scan time of up to 50% – SIGNA™ Hero is a sustainable investment.† The system can work around your current workspace as it can be installed in typical 1.5T rooms and upper floors due to the lighter magnet weight – 3 tons less than our mainstream 3.0T system.

* Based on Hero 3.0T data on file (2021).
† Based on AIR™ Recon DL data on file (2019).

CHOOSE

a 1.4x more efficient magnet design, which means helium usage is reduced by 67%

REDUCE

your site construction costs with flexible equipment room design options

DECREASE

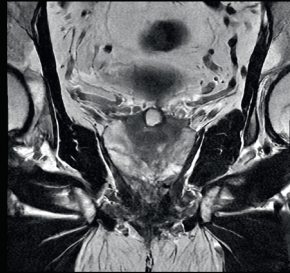power consumption through a reduced scan time of up to 50% with AIR™ Recon DL

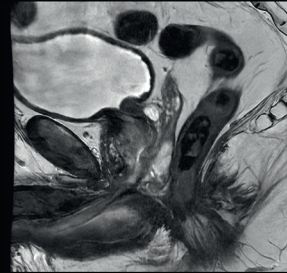# EXCEPTIONAL RESULTS EVERY TIME

BodyWorks: Prostate with PI-RADS® Protocol – 10-minute exam
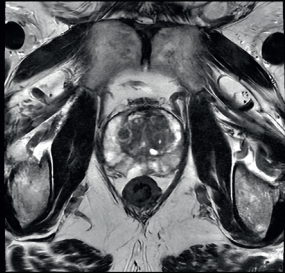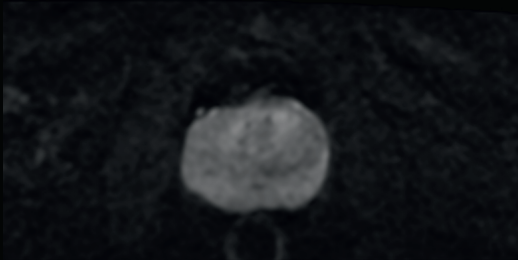
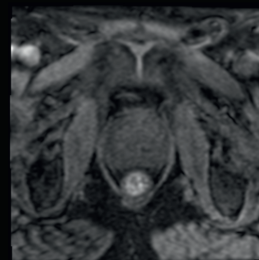

Cor T2 FSE
0.4 x 0.7 x 3 mm | 1:10 min

Ax T2 FSE
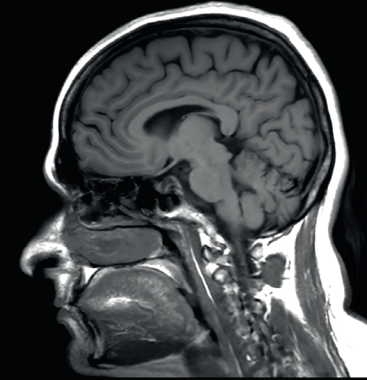0.4 x 0.7 x 3 mm | 1:57 min

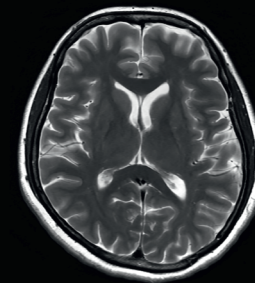Sag T2 FSE
0.4 x 0.7 x 3 mm | 2:09 min

ADC map. FOCUS DWI
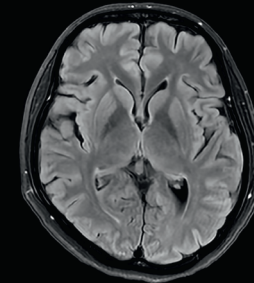1.6 x 1.6 x 3 mm | 2:39 min

DISCO with HyperSense
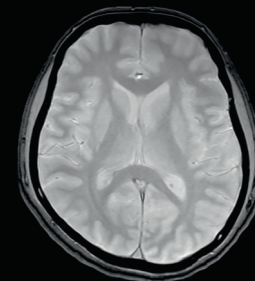1.6 x 1.6 x 3 mm | 4 sec
Temp Resolution

Sag T1 FLAIR
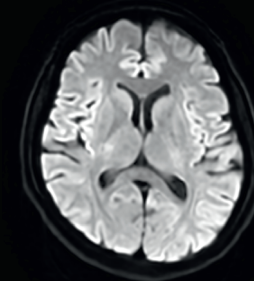0.9 x 1.1 x 5 mm | 52 sec

Ax T2 FSE
0.5 x 1.0 x 5 mm | 37 sec

Ax T2 FLAIR
0.9 x 1.2 x 5 mm | 1:21 sec

Ax DWI b1000
1.9 x 2.0 x 5 mm | 26 sec

Ax T2 GRE
0.8 x 1.5 x 5 mm | 34 sec

EXCEPTIONAL RESULTS EVERY TIME
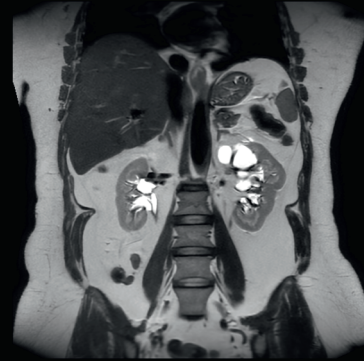
NeuroWorks: Spine imaging

Lumbar Spine; Sag T2 FSE
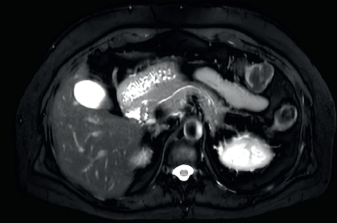0.7 x 0.8 x 3 mm | 1:49 min

Cervical Spine; Sag T2 FSE
0.6 x 0.8 x 3 mm | 2:15 min

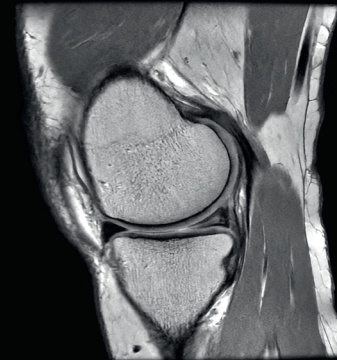## BodyWorks: Abdomen – 30ch AIR Anterior Array

Cor T2 SnapShot SSFSE
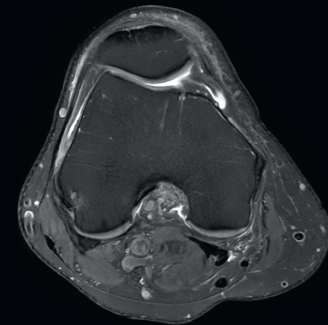1.0 x 1.2 x 2 mm | 37 slices | 60 sec

Ax T2 ASPIR SnapShot SSFSE
1.1 x 1.7 x 5 mm | 44 slices | 2:03 min

OrthoWorks: Low extremities – knee

Sag PD FSE
0.2 x 0.3 x 2 mm | 2:48 min

Ax PD frFSE FatSat
0.3 x 0.5 x 3 mm | 3:46 min

SUMMARY

AN ENHANCED EXPERIENCE

for both patients and clinicians –
improve efficiency, comfort, and workflow

EXCEPTIONAL IMAGE QUALITY

achieve sharper scans with our
pioneering deep-learning AI algorithms

UNMATCHED PRODUCTIVITY

streamline even the most challenging of clinical schedules

COMMITTED TO SUSTAINABILITY

choose a cleaner way to scan your MR patients

SIGNA™ Hero is built for any challenge.

If you're interested in learning more, please contact a representative for a product demo.

About GE Healthcare.

GE Healthcare is the $18 billion healthcare business of GE.

(NYSE: GE). As a leading global medical technology and digital solutions innovator, GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, data analytics, applications and services, supported by its Edison intelligence platform. With over 100 years of healthcare industry experience and around 50,000 employees globally, the company operates at the center of an ecosystem working toward precision health, digitizing healthcare, helping drive productivity and improve outcomes for patients, providers, health systems and researchers around the world.

Follow us on Facebook, LinkedIn, Twitter, and Insights for the latest news, or visit our website www.gehealthcare.com for more information.

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