

Precision care as unique as your patients

Innovations

ECR 2025



Precision care as unique as your patients

- **Precision care:** we're turning precision care into reality and enabling it across care pathways in **oncology** and **cardiology**, with cutting-edge diagnostic imaging, AI, digital solutions, and targeted therapies.
- **Innovations:** our products seamlessly integrate imaging, monitoring, digital, and interventional technologies, enabling the integration of diagnostics and therapies.
- **Sustainability:** we are dedicated to advancing radiology capabilities that enable earlier, better, and faster diagnosis and treatment while reducing environmental impact. We strive for a healthier, more sustainable future for all.



Contributing to a healthier, more sustainable future

- **Mitigating our climate impact and improving resilience:** We are working to reduce our Scopes 1 and 2 emissions by 42%* and our Scope 3 emissions by 25%** by 2030 compared to a 2022 baseline, on the road to net zero by 2050.
- **Advancing the circular economy and environmental design:** We design our products with longevity and sustainability in mind. As we deliver cutting-edge healthcare solutions, we also optimize energy consumption, reduce waste, and enhance overall operational efficiency. We promote and enable the reuse of equipment and parts from de-installed equipment.
- **Expanding access to quality healthcare:** We have introduced **mobile solutions, portable devices, and remote applications** to improve access to patient care, allowing for earlier, more accurate, and faster diagnoses and treatments.

*versus 2022 baseline

**includes emissions from purchased goods and services, upstream transportation and distribution, business travel and use of sold products versus 2022 baseline



What's new?

See our latest innovations featured at ECR 2025

Click by modality to view the new products

Computed Tomography	Imaging Digital Solutions	Interventional	Magnetic Resonance Imaging	Molecular Imaging	Services
Solutions Enterprise Imaging	Surgery	Ultrasound	Women's Health	X-Ray	Care pathways

Computed Tomography



Revolution™ Apex Platform

Lead CT now and into the future

Revolution Apex platform positions you to be ready for every future. With the choice of 40mm, 80mm or 160 mm of coverage, you can decide which system is right for you today and easily upgrade when you need it.

Exceptional technology in every dimension of the CT imaging chain.

Uncompromised clinical solutions across a wide range of care areas, even for challenging cases.

Future-ready platform ensures quick access to the next generation of CT innovation



Revolution™ Vibe

A new vision for every heart

Consistent, exceptional image quality for every patient

Unlimited one-beat cardiac is designed to provide consistent, high-quality imaging for accurate diagnoses, even in challenging patients with atrial fibrillation, breath-holding difficulties, heavily calcified coronaries, in-stent restenosis, and situations where an ECG trace is unavailable.

Effortless Cardiac workflow for every user

An AI-powered workflow streamlines the scanning process, delivering accurate, personalized scans and helps reduce dependency on user experience.

Elevate your success with lower lifecycle costs

An intelligently designed advanced scanner with lower product lifecycle cost, featuring Smart Subscription to keep you up to date, cost-saving contrast media management, energy-efficient features, extensive training, fleet management etc.



Revolution™ Ascend Platform

Our latest CT technology that is designed to achieve max. **efficiency, accuracy, clarity & consistence, engineered with scalability & upgradability in mind.**

Weather you need a **highly efficient** system with 20 mm for **routine scanning** or an advanced system **with 40mm coverage that improves LCD (low contrast detectability)**, you can choose exactly what you need.

And now with Revolution Ascend Platform, you can **combine both of our AI Based imaging reconstruction technologies** to create one stunning image. Combining TEDL with TFDL, can help you achieve images that **have less noise, enhanced sharpness and better noise texture.**



Imaging Digital solutions

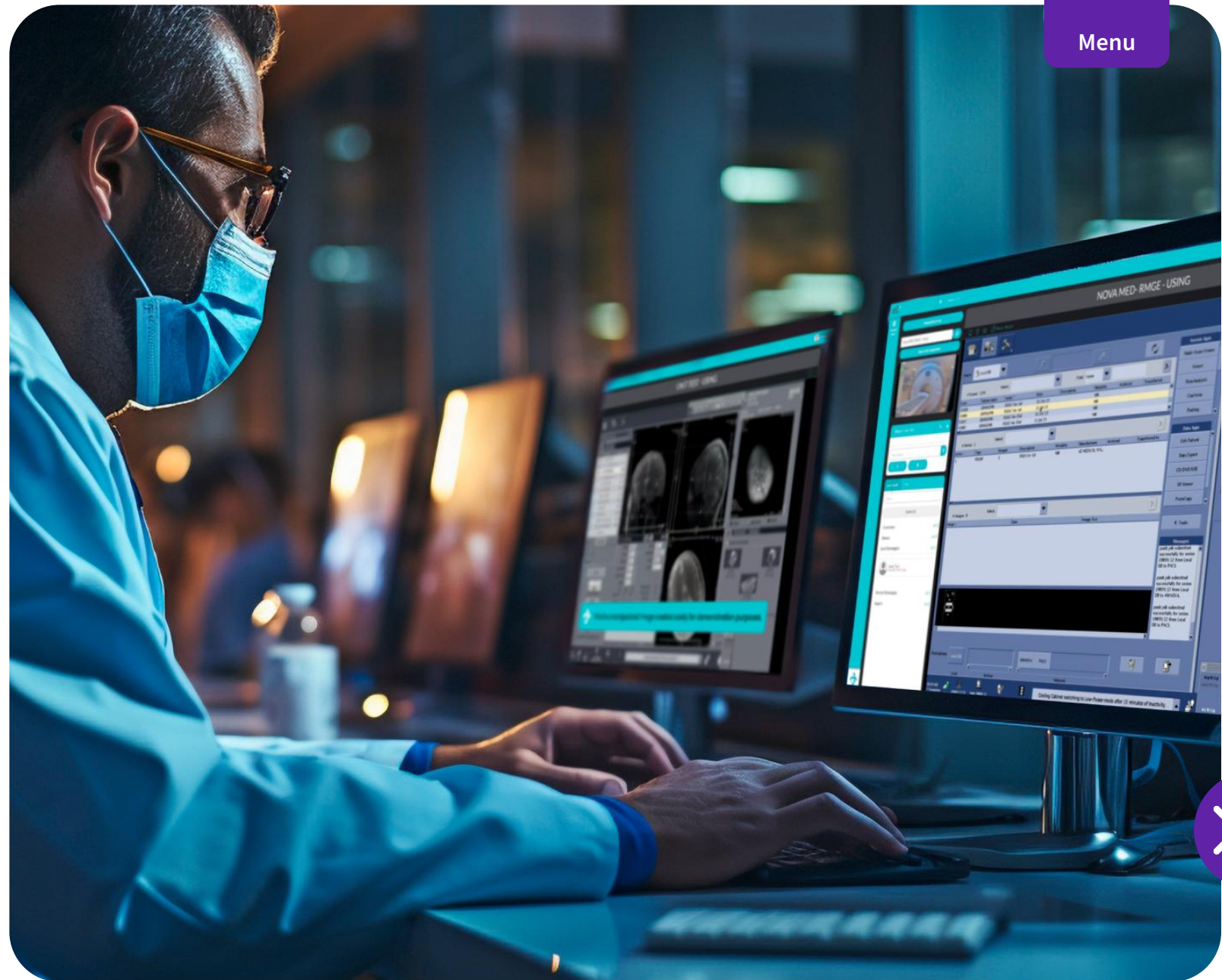


nCommand™ Lite by IONIC Health

Connect staff with remote collaboration & scan assistance

nCommand™ Lite by IONIC Health is a multivendor, cloud-based software solution which offers the ability to plug in expert MR, CT and PET-CT resources where and when you need them most – whether it be to support complex cases or to build competence in less experienced staff.

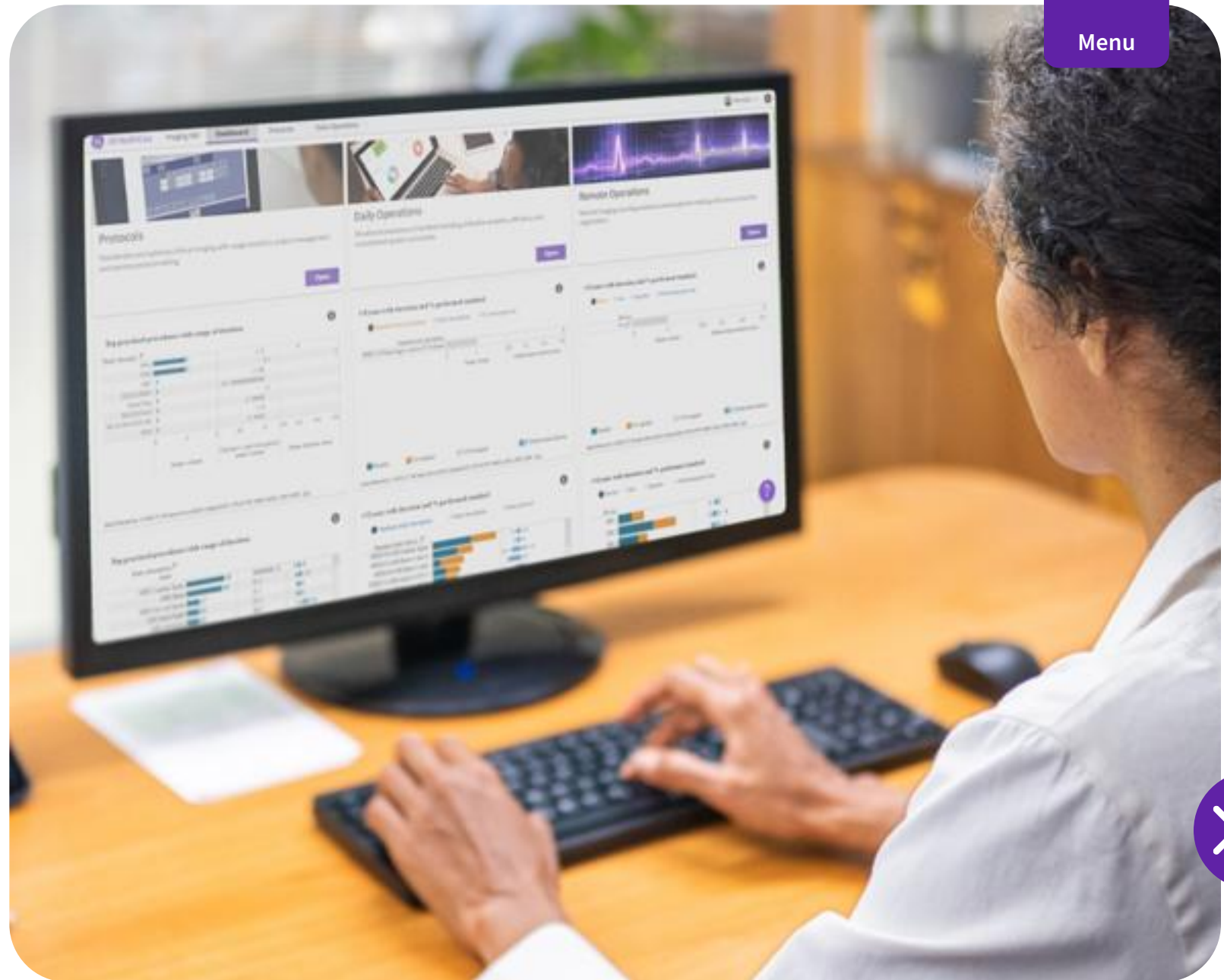
nCommand™ Lite by IONIC Health is the first multivendor remote scanning solution to receive CE marking under the medical device regulations. The solution is exclusively distributed by GE HealthCare.



Imaging 360 Operations & Protocols

Streamline your operations with one holistic view

- **Fleet management** - Visibility into the entire fleet including configurations and fleet utilization
- **Analytics and insights** - optimize the day-to-day. Scheduling, staffing, optimize protocols
- **Protocol management** - Standardize, monitor, and maintain protocols across multiple modalities and edit protocols remotely



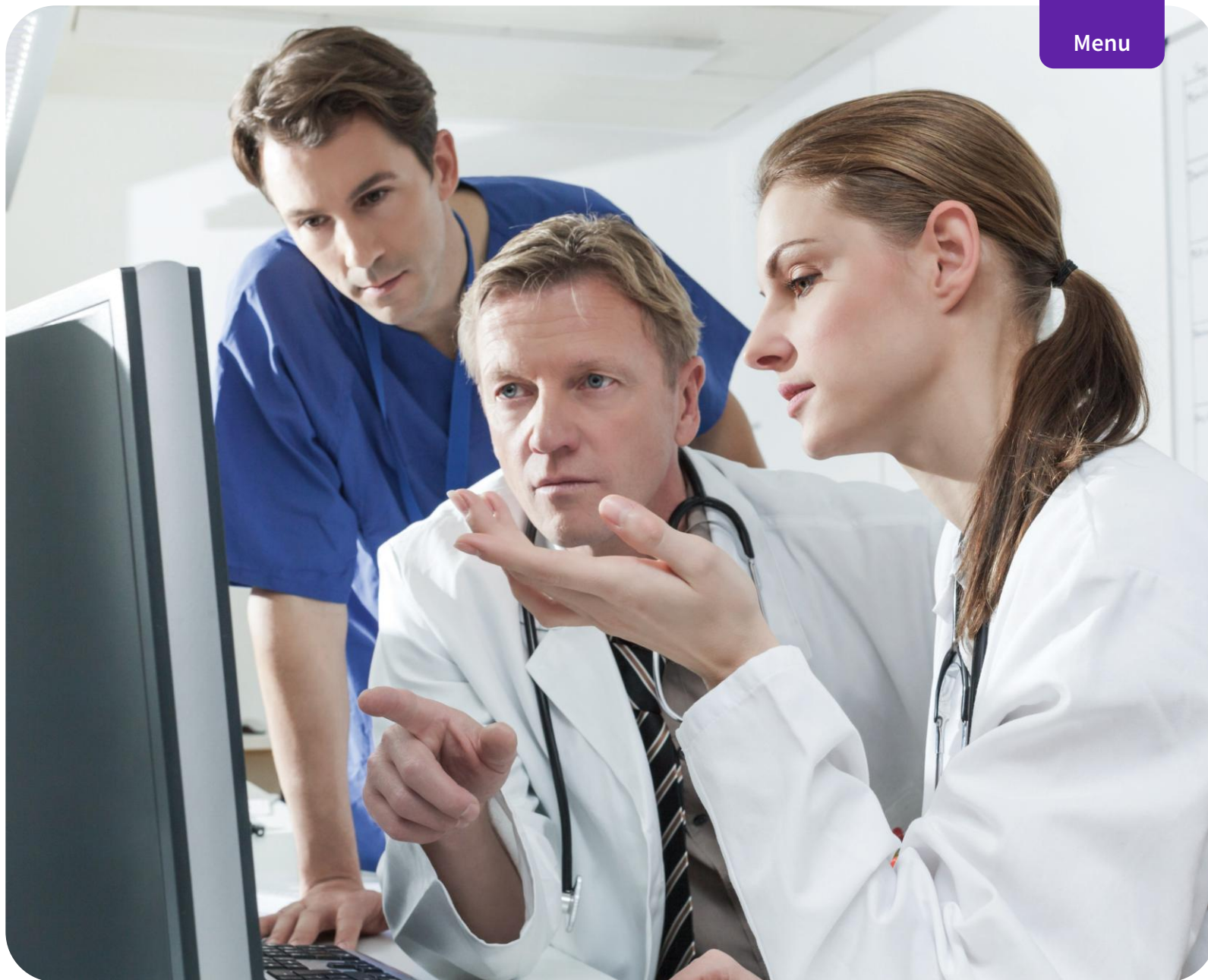
Menu

DoseWatch

Simplifying and optimizing dose management

DoseWatch helps enable healthcare providers to preserve diagnostic quality images while optimizing dose for their patients by tracking image quality metrics and scores, such as SNR, CNR & NPS for real & quantifiable image quality data.

A new pictographic representation of study details provides a convenient way to unravel a complex examination involving several acquisitions and/or types of imaging. DoseWatch also provides a single solution for dose related data, including CT and MR class 4 integrated injectors, reducing the need to purchase multiple disparate systems.



Interventional



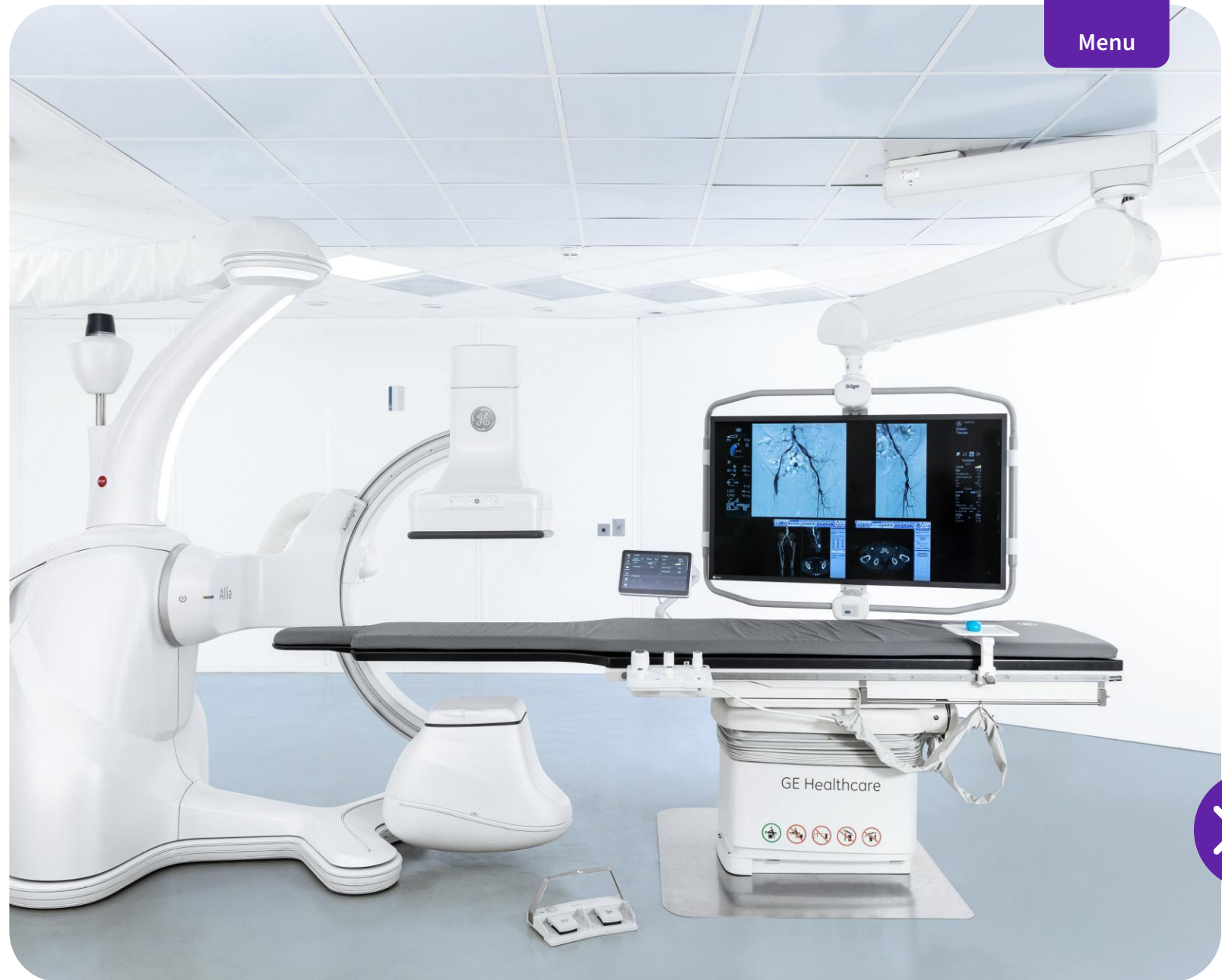
Allia™ IGS Platform

Your trusted assistant for image guided therapies.

Allia™ IGS 7 assists you to perform High-Definition CBCT with **Wide Bore** C-arm & largest 41 cm detector optimized for visualization of large anatomies in one view¹

A personalized workplace that meets ergonomic standards for human upper body postures & gestures². 1-click access to your essential functions from any working position.

1. The result of referenced clinical studies and the presented clinical images in this document are not generated with the actual product version. It is expected that the actual product version has similar or improved functionality to support the evaluated procedure
2. For 95% of population according to standard ISO 11 226, BS EN 1005 4, for typical working positions. Based on the results of GEHC ergonomic study performed with simulation software with 3D manikin representative of the worst case (Anthropometric data for P5 female from Anthropometric reference from National center for health statistics (United states, 2011-2014. US department of health and human services.).



Embo ASSIST AI

Simulate embolization seamlessly

- Automatically segment vascular structures to facilitate embolization workflow planning. Simulate injection points and extract vessels in one click.
- Facilitate adoption in clinical practice thanks to AI based automation.
- Help visualize and anticipate the destination of potential injections to support your embolization strategy.



Magnetic Resonance



SIGNA™ MAGNUS

Explore the brain in exceptionally high detail with GE HealthCare's most powerful MR imaging device to date: SIGNA™ MAGNUS^{1,2}, our dedicated head-only MR scanner. Visualize the brain in ultra-high detail using SIGNA™ MAGNUS's powerful HyperG gradient. Explore brain function, microstructures and micro vasculature never seen before with ODN (Oscillating Diffusion ENcoding) deepening your understanding in oncology and neuroscience.

1. MAGNUS: Mesoscale diffusion with Advanced Gradients for Neuro Ultrafast Scanning
2. SIGNA™ MAGNUS is 510(k) cleared with the FDA. Not yet CE Marked. Not available for sale in all regions.

[Learn more](#)



Menu

Sonic DL™ 3D

Our latest cutting-edge, deep-learning MRI acceleration technique is evolving and designed to support a majority of exams.

Sonic DL 3D¹ is designed for:

- Up to 12x acceleration with up to 86% scan time reduction²
- Expanding beyond cardiac to include rapid 3D imaging in brain, spine, MSK and body applications
- Compatible with AIR™ Recon DL³ to deliver pin-sharp images in less time
- Improved patient comfort and supporting timely diagnoses
- Effortlessly capture high-quality volumetric images across your high-volume patient groups

510(k) pending

1. Sonic DL™ for 3D imaging is 510(k) pending at US FDA. Not yet CE marked. Not available for sale in any region. 2. Data on file. DOC3050862 Sonic DL™ Product Datasheet. 3. AIR Recon DL is available as a separate option.

[Learn more](#)



MR Lifecycle | Your journey. Our Commitment

Same Magnet. Next Generation MR Capabilities. Sustainable growth

30+

SIGNA™ Continuum™ upgrade paths for the installed base

Over 30 upgrade path are available to ensure our customers stay at the forefront of rapid technological advancement.

Up to

40%

Reduction in power consumption per patient³

Projected reduction in power consumption for a system with or without the implementation of deep learning reconstruction.

~100

Tons of carbon dioxide emission avoided per upgraded system⁴

The calculation of the carbon footprint represents the reduction in carbon emissions that would have occurred if the system had been replaced rather than upgraded.

³. Projected power consumption reduction on a system with or without deep learning reconstruction

⁴. Based in internal estimates. It includes the system carbon footprint and its transportation. Carbon footprint is the reduction of carbon emission that would have happened if the client exchanged system instead of upgrading it. The transportation CO₂ emission is estimated with the weight of the items not replaced, the mode of the shipment, the distance of the shipment and SimaPro. SimaPro, estimates sustainability KPIs. The Magnet/system carbon footprint are based on screening Life cycle assessment (sLCA) estimated with SimaPro. The CO₂ emission is estimated using the weight and the material type of the system components, energy consumption and mix of energy source in manufacturing, assumptions related to recyclability of raw materials, and transportation mode for shipping the system from the factory to the customer.

Molecular Imaging



Aurora

See more. Do more.

Aurora, our most advanced general-purpose dual-head SPECT/CT system, is anything but standard. Aurora is designed to help clinicians see and do more, aiming to help expand the range of procedures available*, with accommodations for a wide range of patients and body types, supporting streamlined workflows and versatility.

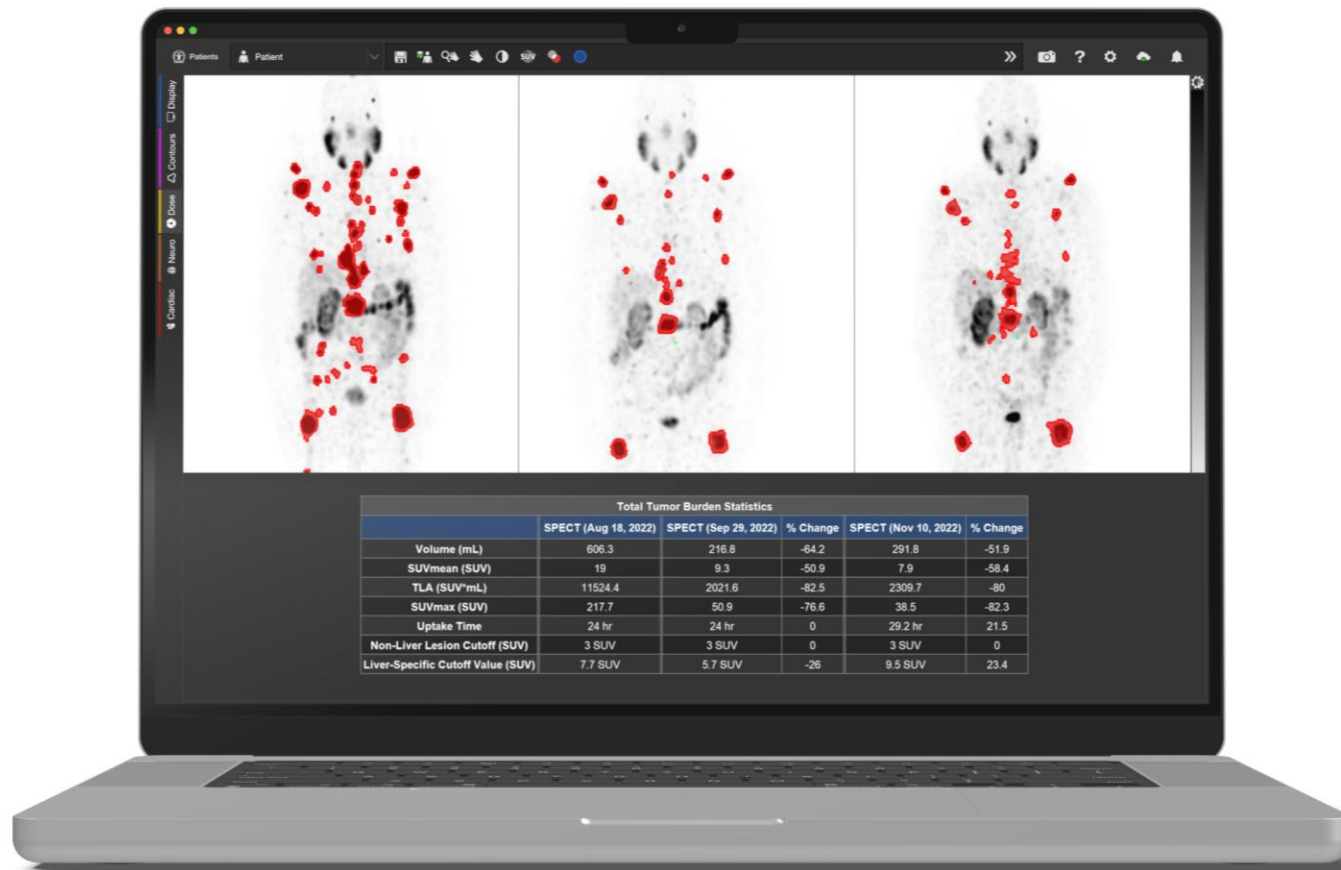


* Compared to NM/CT 870 DR.

MIM Software

Perfectly aligned

Now one, GE HealthCare and MIM Software deliver transformative digital and AI technologies aiming to enhance personalized care, accelerate innovation, and help improve patient outcomes.



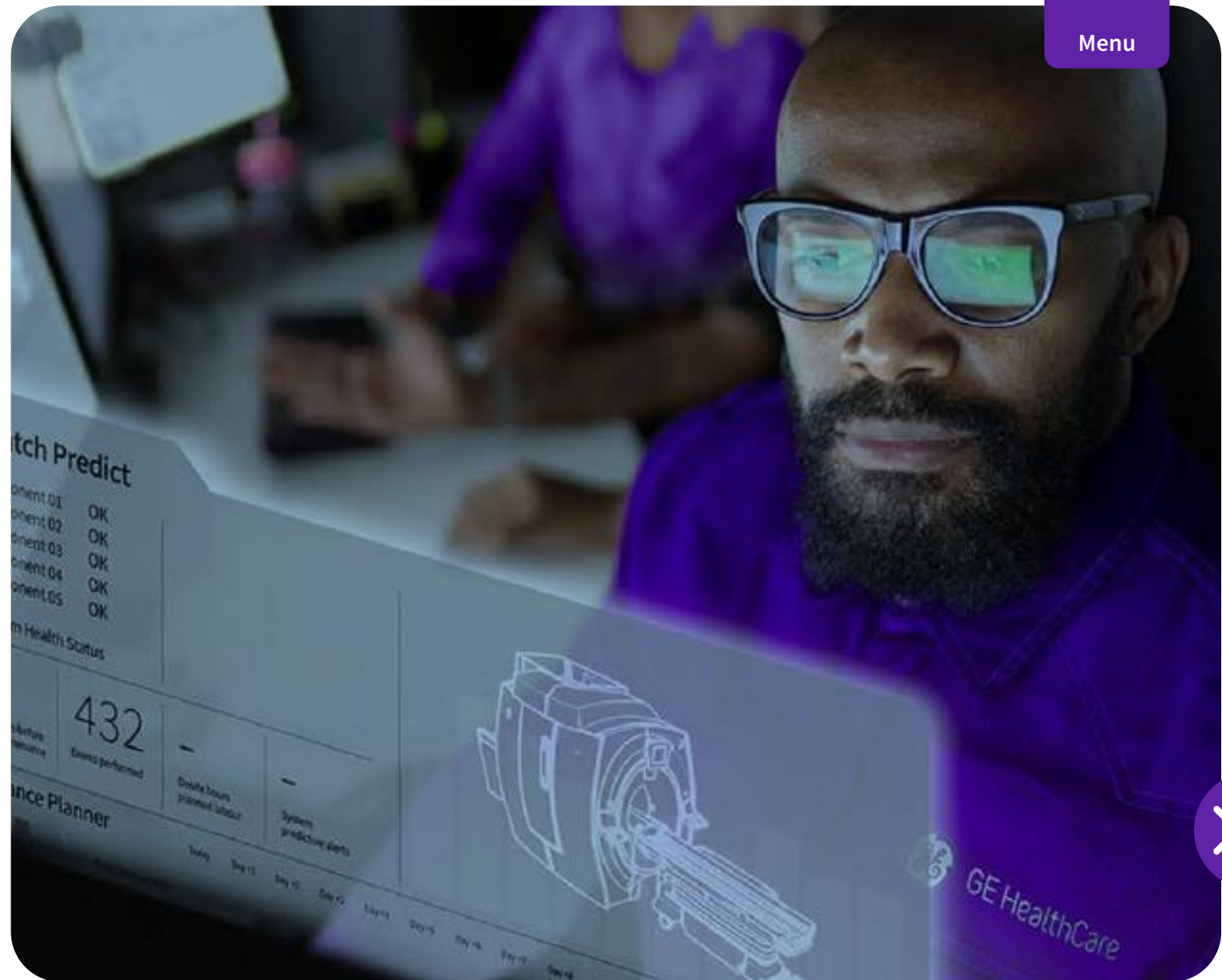
Services



OnWatch™ Predict* now for CT and Interventional

Prevent unplanned downtime and reduce disruptions with the power of 24/7 remote monitoring and GE HealthCare predictive analytics software.

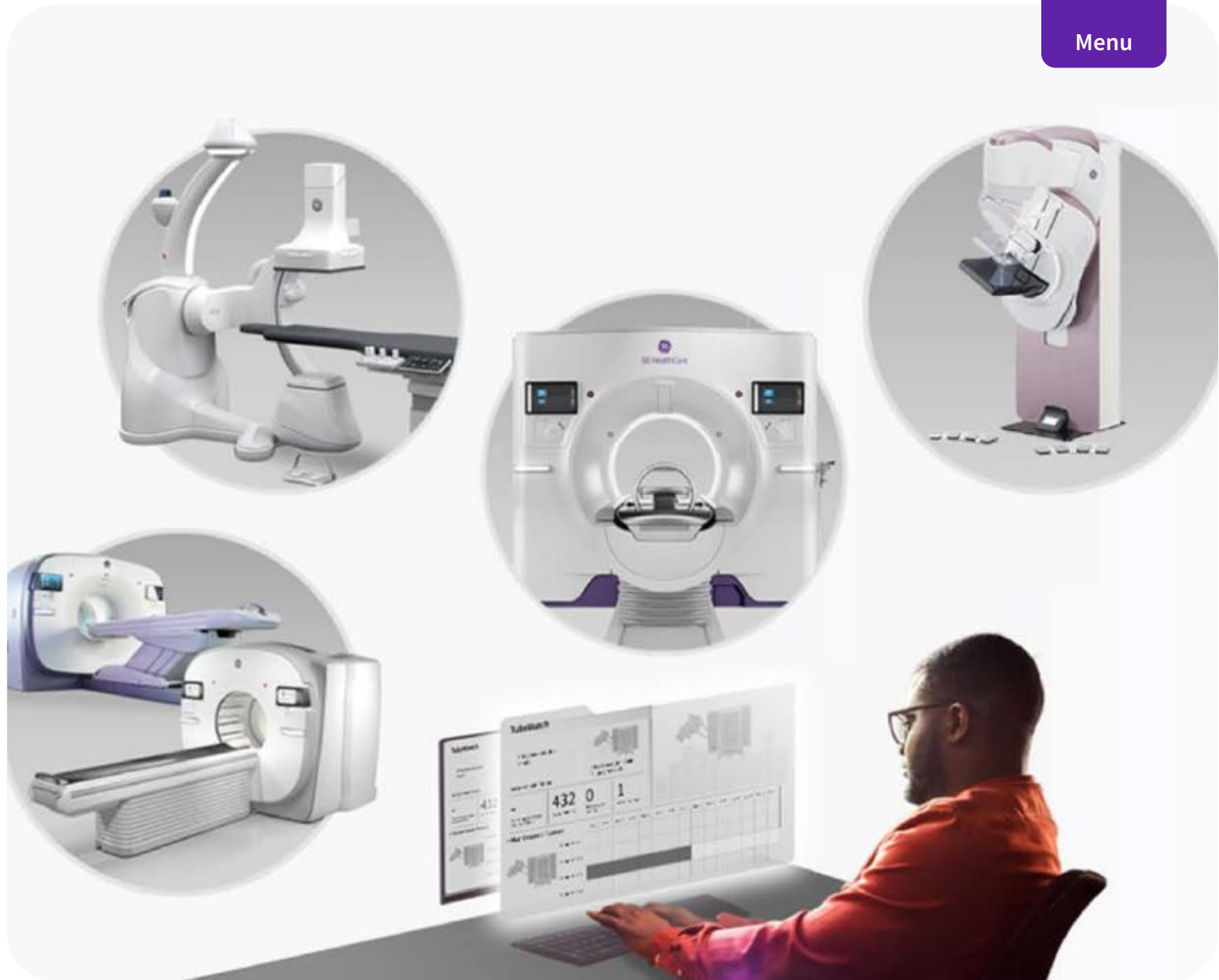
* Not available in all regions



TubeWatch™* now for Omni Legend and StarGuide

Predictive monitoring anticipates impending tube component and X-ray generation chain failure before it occurs, so you can proactively manage replacement before any disruption or lost revenue occurs.

* Not available in all regions



Solutions Enterprise Imaging

True PACS

Intelligent Reporting

- **Collaboration** with and International company: Smart Reporting
- **2.3x faster reporting**^{1,2} using automation to insert findings in the right section of the report
- Increased report quality, **reducing errors**

Seamless integration of AI

- **Collaboration** with Blackford
- Neuro, Thoracic, MSK, Breast, Pediatric
- Quick integration, **uniform experience** & no additional clicks for radiologists

Workload Balance:

Right exam to right radiologist

- **Collaboration** with Quantum INC. (US)
- 20%³ sustained increase in **productivity**
- 17%³ average **improvement in TAT times**



[1] Kim SH, Sobez LM, Spiro JE, et al (2020) Structured reporting has the potential to reduce reporting times of dual-ex-ams. BMC Musculoskelet Disord 21:248. <https://doi.org/10.1186/s12891-020-03200-w>

[2] Blum SFU, Hertzschuch D, Langer E, et al. Routine Use of Structured Reporting in Whole-body Trauma CT Facilitates Quality Improvement. Rofo. 2023;195(6):521-528. doi:10.1055/a-2031-2364

[3] All results based on internal studies by Quantum Imaging & Therapeutic Associates, Inc JB08328XE

Datalogue™

Data Management: Breaking down silos

- **ONE repository** for all multimedia data (DICOM, images, videos)
- **Removes silos** between departments and facilities
- Provides convenient **access** to the information
- Reduces **risk & cost** linked with data migration



Surgery



OEC Elite CFD

Premium One-piece C-arm

Exceptional

- Experience amazing detail from flat detector to OEC image processing to 4K UHD display
- Advanced imaging with modern features, such as Live Zoom and Digital Pen
- Optimize images based on clinical procedure or surgeon preference for less dose or mode adjustments

Simplicity

- Free up space and easily transport with only one piece of equipment and less cables in procedure rooms
- Streamline workflow with intuitive user experience and ergonomic design for smooth positioning
- Power through long cases and view more anatomy with sleek housing design



OEC 3D Spine Suite

Optional software package

Advanced 3D spine imaging tools for efficient workflow

Screw evaluation

Review screws with automatic detection and numbering

Vertebrae labeling

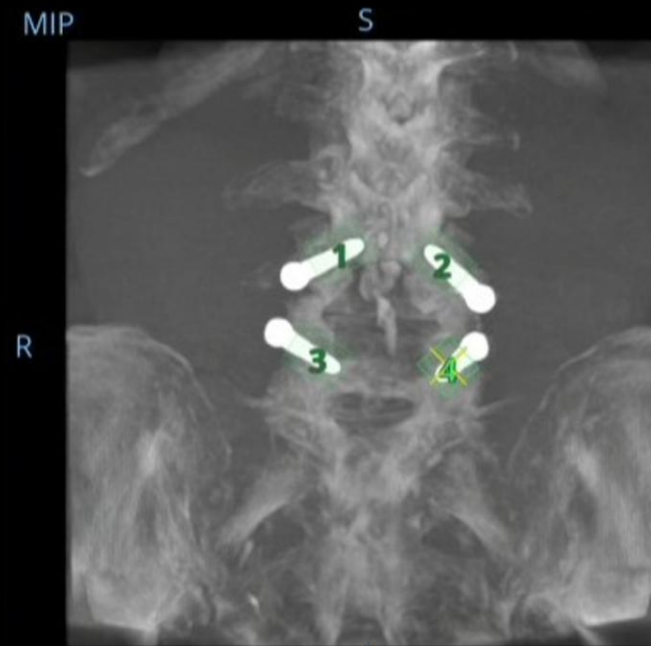
Manually label spine levels in OEC 3D volume

Centerline

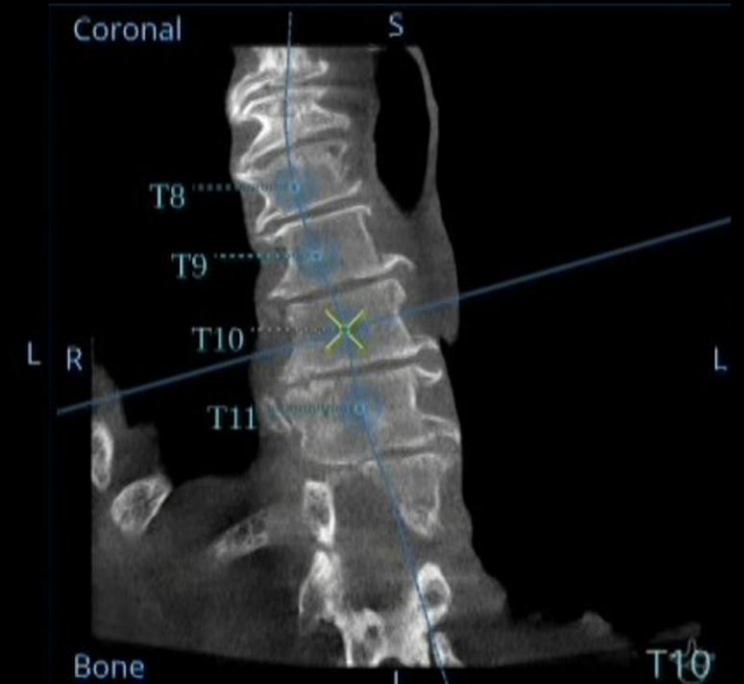
Visualize spinal curvature alignment

OEC Open interface

Connect to a verified navigation or robotic system



Automatic screw detection & numbering



Centerline tracing & manually level labeling

OEC 3D Lung Suite

Optional software package

Advanced 3D bronchoscopy imaging to enhance visualization

Augmented Fluoroscopy

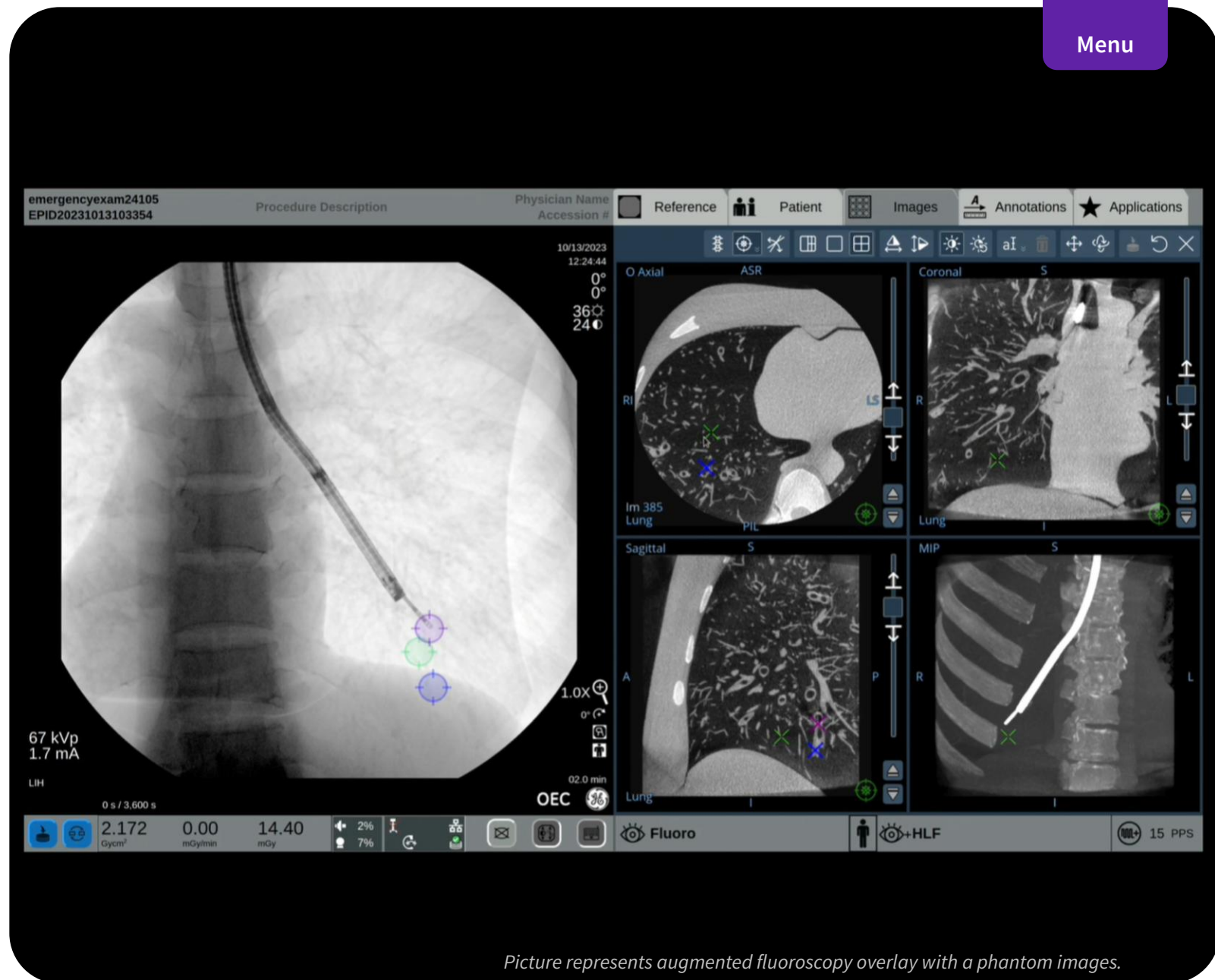
View 3D points of interest on live fluoroscopy

Adjustable 3D scan

Accommodate patient or equipment positions

OEC Open interface

Connect to a verified navigation or robotic system



Picture represents augmented fluoroscopy overlay with a phantom images.

Ultrasound



LOGIQ™ E10 Series

Empowering you to make the difference with next-generation, leadership ultrasound that adapts to your needs. With its advanced imaging with cSound™ Architecture and AI-based workflow tools, the LOGIQ E10 series help to empower clinicians to make a real difference in the lives of their patients. Confident diagnoses, comprehensive tools, concise workflow – they all add up to a smart investment in ultrasound, today and into the future.



LOGIQ Fortis™

LOGIQ Fortis™ is the multi-purpose ultrasound designed to scale to fit your needs, with its advanced clinical features, AI-based productivity tools, and sleek, compact solution. This powerfully-streamlined solution is your all-in-one, high-performing ultrasound that helps you to deliver on the promise of confident care.



LOGIQ Totus™

LOGIQ Totus is the new multi-purpose, accessible system built to elevate diagnostic confidence and streamline your day through high-quality, head-to-toe imaging; innovative, AI-powered workflows; and automated measurement tools. Redefine your expectations with the next-level ultrasound and make the most of your time with LOGIQ Totus – because your every second matters.



Invenia™ ABUS Premium enabled by Verisound™ AI

**Innovating 3D Ultrasound.
Small cancer. Big impact.**

Invenia ABUS Premium is designed for high patient throughput and extraordinary image quality to provide a great level of confidence. With its innovative design, it's easy to use, reproducible, user-independent, standardized and allows reading anywhere.



Verisound™ Digital Expert Connect

Digital Expert Connect is a virtual collaboration tool that easily extends your team's expertise with real-time connections throughout your network – anytime, anywhere. Now every clinician in your department can confidently and efficiently deliver compassionate care to patients. It's remote telementored ultrasound for a new telehealth world.

With Digital Expert Connect, your team can finally be everywhere virtually, all at once to support the best outcomes possible.



Vscan Air™ SL with Caption AI™

Vscan Air™ SL with Caption Guidance™ software provides real-time guidance that shows you, step-by-step, how to maneuver the probe to capture diagnostic quality standard echocardiographic views. Plus, with certain cardiac views, once an image is acquired, a left ventricular ejection fraction (LVEF) is automatically calculated to assist your evaluation.



NEW

Vscan Air™ SL with Caption AI™

Sector-phased array and linear array dual-probe

NEW

Vscan Air™ CL

Curved array and linear array dual-probe

Vscan Air™ + Digital Tools

Digital Tools for Vscan Air™ enhance your handheld ultrasound experience by improving collaboration, efficiency, and security. Collaborate in real-time with peers and securely store and share images in the cloud anytime, anywhere. These tools improve the exam process, elevating the convenience and quality of your practice while enabling clinical collaboration and greater workflow efficiency.



Women's Health



Pristina Via™

Mammography your way

Pristina Via sets a new standard in advanced mammography systems—built for ease and built for you. Eliminate repetitive steps, clicks and wait time with effortless acquisition and automated applications that mean more confidence every day.

Stay ahead with effortless workflow that works for you. Experience the system that brings out your best, read with more confidence, and deliver timely breast care when it matters most.



[Learn more](#)

Theodora™

Care that can travel to every woman

With our innovative Breast Care mobile screening solution, we aim to tackle a two-fold challenge:

Creating an Optimal Screening Environment: We are designing a “turn-key” van or trailer from the ground up to provide a seamless screening experience for healthcare professionals.

The interior will be warm and welcoming, ensuring women feel comfortable and not like they are entering an operating room generally generating anxiety.

2 Expanding Accessibility: Our goal is to ensure this solution reaches areas with low screening rates, offering women the convenience of accessing screening examinations close to home. Theodora™ can be deployed in countries, regions, and hospitals, enabling them to conduct their screening programs with the same level of comfort and proximity for their patients.

By bringing such a screening room to women, we address barriers like transportation, cost, and family priorities, making them more inclined to attend their exams.

With more localized screening programs, public authorities can provide equal access to health.

Theodora™ is powered by Pristina. Optionally with Invenia ABUS and Logic.



X-Ray



AMX™ Navigate Lift

While your existing legacy AMX systems have served you well, we believe now is the perfect time to modernize your current AMX 200, 220, or 240 X-ray system to the AMX Navigate platform.

The AMX Navigate Lift requires minimal downtime, as it can be completed in your facility in just four days or less. And, with new workflow and UI enhancements, you can boost staff satisfaction with clearer images and enhanced usability.

Plus, the lift can help you maximize the value of your previous investment and extend its value into your future. You'll be securing serviceability and modern capabilities for years to come.



Menu



Care pathways



Committed to cardiology

Simplify the complexity of care with intelligent innovations

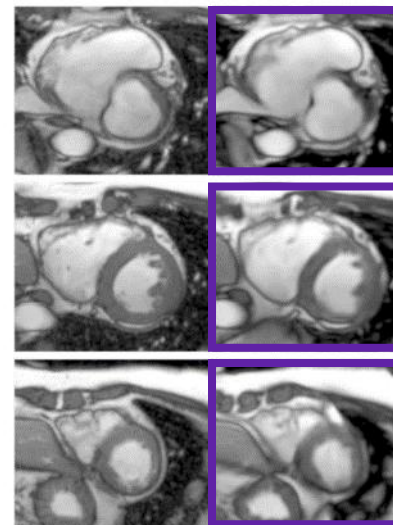
Vscan Air™ SL



Caption AI™ Guidance



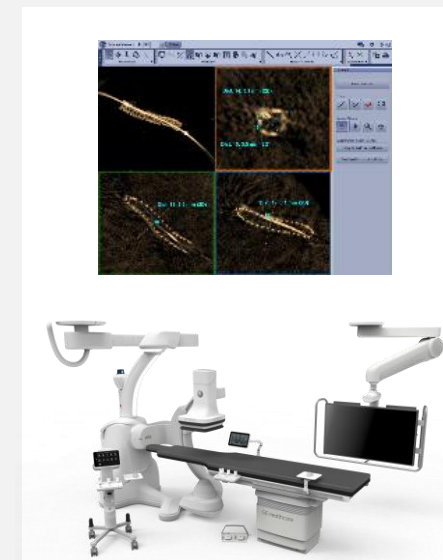
Sonic DL™ Cardiac Cine



Breath-hold segmented ASSET

Free-breathing real-time Sonic DL™

Allia™ IGS 7 Pulse & 3DStent

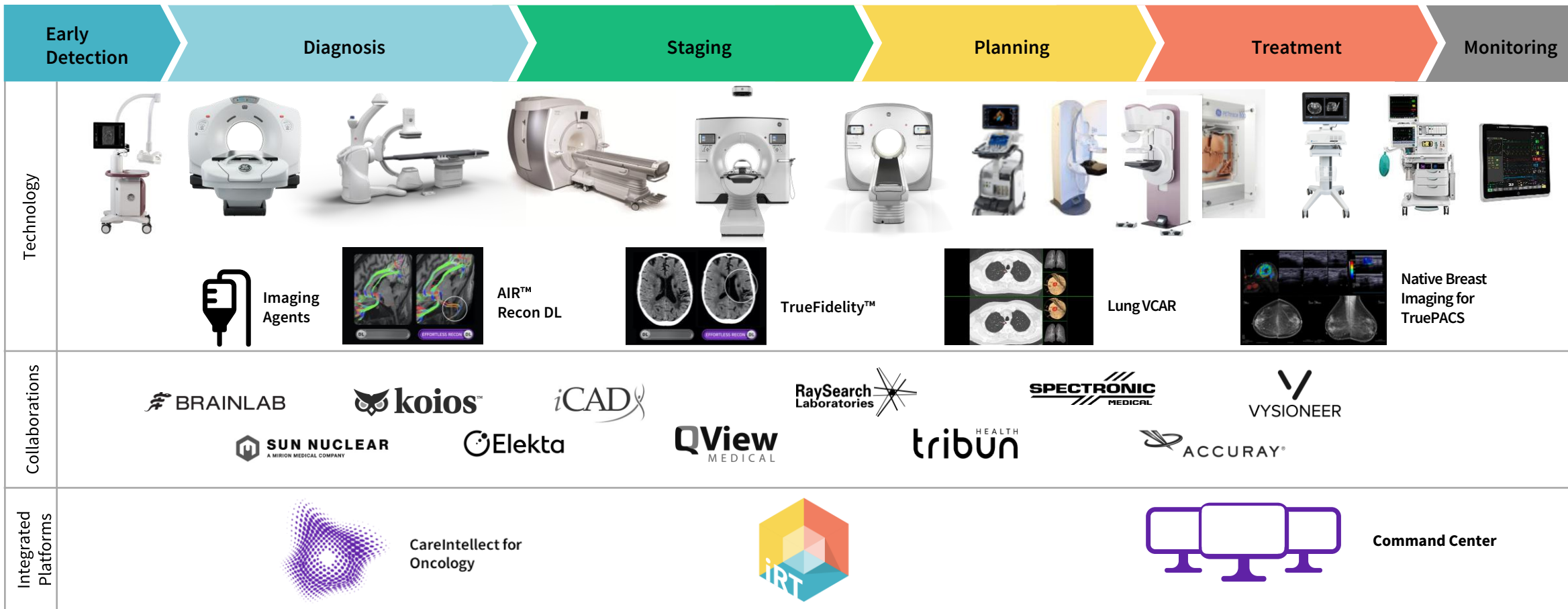


Leverage data

Automate workflows

Digital and IT focus: operational efficiency and enterprise solutions

Comprehensive solutions designed to enable personalized cancer care





GE HealthCare