



Allia

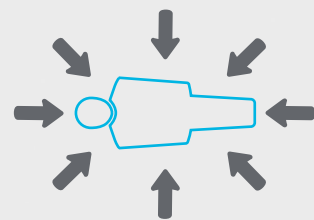
Allia™ IGS 7 OR

For multipurpose hybrid operating rooms

Meet your
trusted assistant
for image guided
therapies

gehealthcare.com/AlliaIGS7OR

Evolving **minimally invasive therapies** brings new challenges



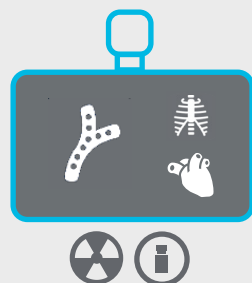
Diverse patient access

Nearly 50% of procedures¹ are performed at working positions where clinicians have poor access to user interface, functions & display.



Varied clinical practice

Setting up the workspace and adjusting system settings to suit their preferences is complex and time-consuming for clinicians.



More complex procedures

There is a lack of user-friendly advanced image guidance in daily practice to facilitate procedures and minimize radiation dose and contrast media.

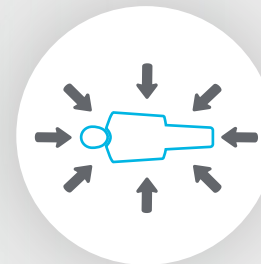
Allia™ IGS 7 OR

Meet your **trusted assistant**
for image guided therapies



Augment **imaging**
Enhance **experience**
Improve **outcomes**

With Allia™ IGS 7 OR,
we're **introducing an assistant**, a new team
member present when and where you need it



**Wherever you are, the
assistant works around you**

Auto-positions the robotic gantry
adapting to your clinical needs.



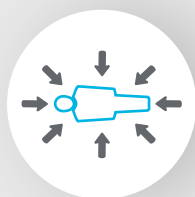
**Each time you enter,
it's your room**

Personalizes your workplace
for 1-click access to your
essential functions.



**Augment your outcomes
with Augmented reality**

Facilitates CBCT with wide bore
C-arm & augmented image guidance
in daily practice.



Wherever you are, the assistant works around you

Full mobility to adapt to your clinical needs



1 Allia* enables full mobility in the workplace



- Precise and predictable laser-guided mobile robotic gantry
- Back-out trajectories and customizable parking positions for excellent patient access
- Mobile robotic gantry can be moved instead of the table when preferred

2 Allia provides excellent patient access from any working position

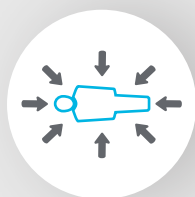


- Unique offset C-arm for head to groin coverage with the gantry at the head and for anesthesia access
- Head-to-groin coverage without moving the gantry
- Back-out from imaging position for full patient access for open surgery²

3 Allia complies with the most stringent hygiene requirements



- Rail-free ceiling for compatibility with laminar flow and ISO5 standards, even in imaging position
- Dedicated sterile covers for tube, detector and C-Arm
- User interfaces designed for optimal interactions with gloves and sterile covers



Wherever you are, the assistant works around you

Enables essentially any surgery with a fully integrated surgical table³



1 Allia expands procedure mix while securing the OR utilization



- Fully integrated with Maquet Magnus OR table system from Getinge³
- Robotic gantry and table auto-positioning, always adapting to your clinical needs

2 Allia provides commands at your fingertip wherever you are



- Control the flat tabletop and gantry from anywhere using the IGS control center
- Direct access on detector for C-arm, table and detector motions
- Hand detection technology for natural movements of table & gantry

3 Allia provides advanced positioning management designed to avoid collision



- Predictive anti-collision model and sensors designed to avoid collision
- Skull clamp integration, with advanced anticollision management³
- Anti-crushing cable management

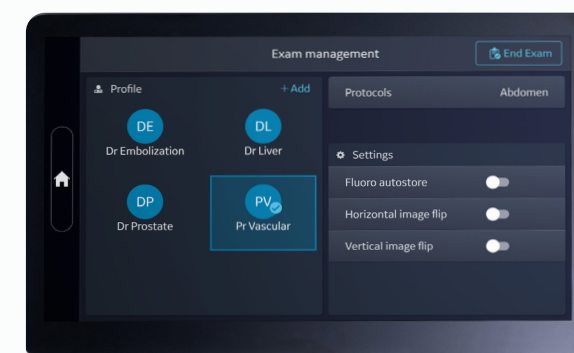


Each time you enter, it's your room

A personalized workplace with the image quality you expect



1 Allia personalizes your workplace to adapt to your clinical needs & preferences



- Work in full comfort and control with compact personalized user interfaces
- Your own profile tailored to your needs & preferences
- Up to 50 personalized user profiles

2 Allia personalizes your workplace for 1-click access to your essential functions



- Customizable content and layout for a personalized homepage
- Increased operating comfort with smartphone-like interactions on the Touch Panel
- 1-click access to your essential functions from any working position workflow optimization

3 Allia provides the right image at the right dose automatically



- AutoRight, the 1st AI-based, interventional image chain in the industry^{4,5} trained on 6,000+ datasets
- Automatic adjustment of up to 7 parameters⁶ in real time to optimize image quality and dose
- Interactive control of the IQ/dose trade-off with AutoRight cockpit⁴



Augment your outcomes with Augmented Reality

Wide bore C-arm for easy CBCT adoption

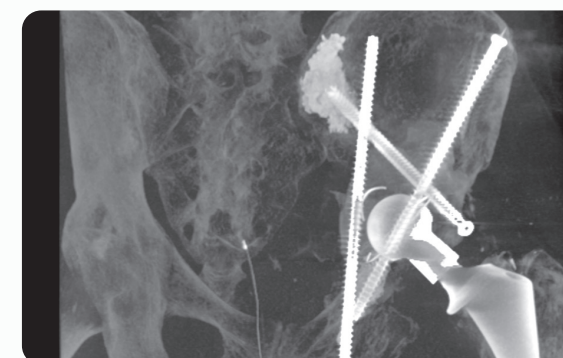


1 Allia enables augmented 3D planning from pre-op exams directly at table side



- Optimized CBCT imaging parameters with 3D presets from the personalized homepage
- Standardize CBCT in your daily practice and drive adoption with accelerated learning curve for the staff

2 Allia enables collision free procedures for large patients with wide bore offset C-arm



- Exceptional fine image details & quality of soft tissues, bones & devices with 3DCT HD⁷
- Largest reconstructed volume in single spin CBCT with 41x41 cm detector
- 3D imaging at any point of the anatomy without collision even for large patients with a BMI up to 40^{8,9}

3 Allia facilitates image guided or navigated procedures

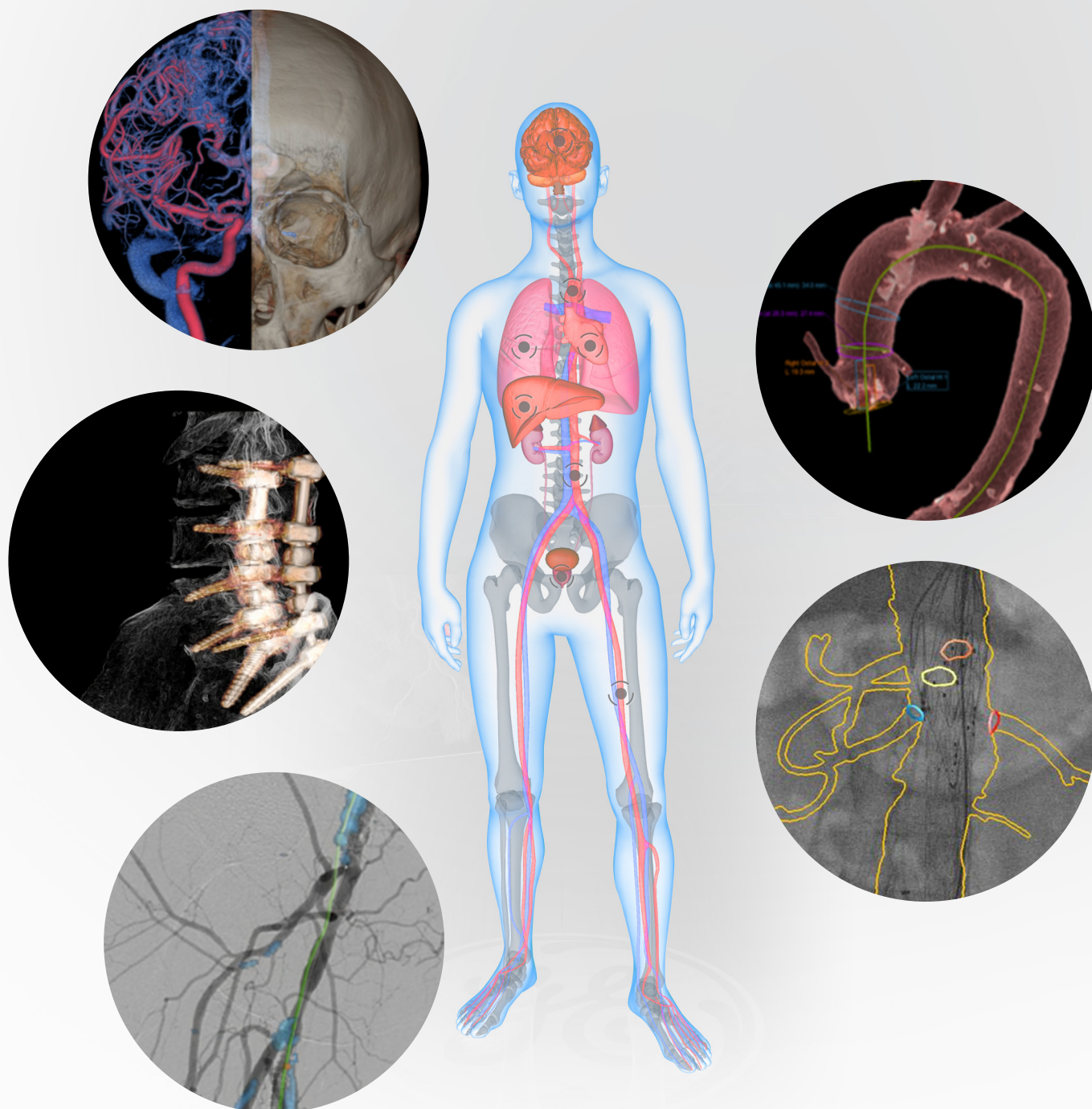


- 3DCT HD produces slices compatible with the DICOM CT format
- Export to all major navigation systems (e.g. Brainlab, Medtronic, Stryker)

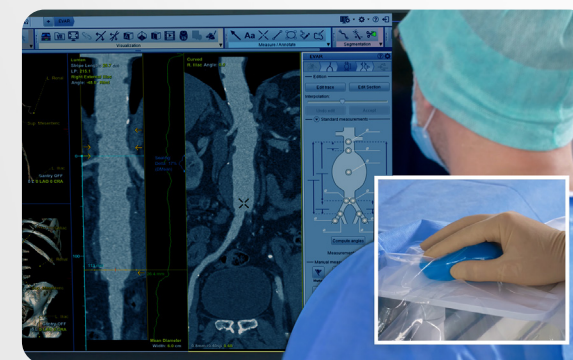


Augment your outcomes with Augmented Reality

Simplified workflows to adopt advanced imaging

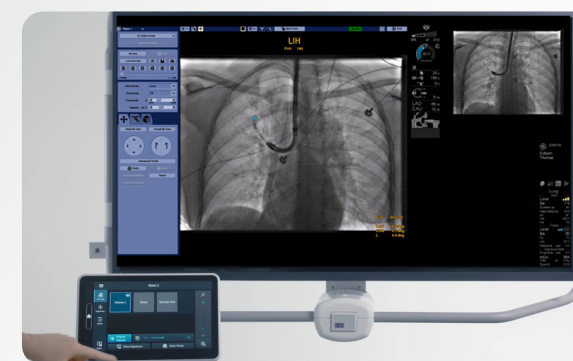


1 Allia enables CBCT review, planning and image guidance directly at table side



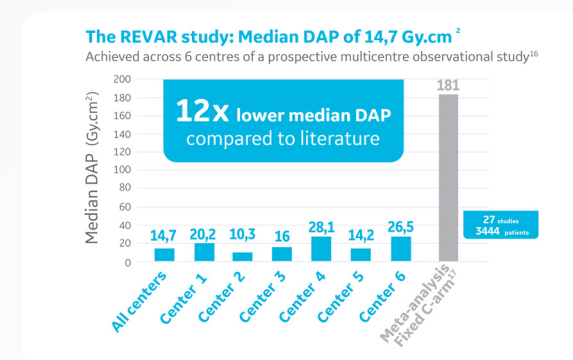
- ASSIST solutions¹⁰ augments your outcomes with intuitive planning and 3D fusion guidance
- Unique Virtual Injection simulation within Liver ASSIST V.I.¹¹ and Embo ASSIST¹²
- 3D fusion guidance with table and gantry motion synchronization

2 Allia brings ASSIST solutions10 at your fingertip



- Intuitive Touch Panel interface to make augmented imaging even more accessible
- Full image review capabilities with integrated in-room mouse¹³ without breaking scrub

3 Allia helps optimize the dose during your procedures with ASSIST



- Intuitive ASSIST solutions10 for significant radiation dose & contrast media reduction^{14,15}
- Visual comfort without increasing radiation dose with live Digital Zoom



Optimize your investment

With innovative services



1 Keep your clinical and operational capabilities updated with Continuity™



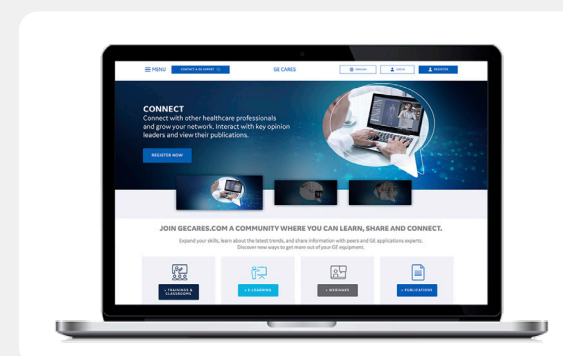
- Your investment kept up to date over the lifecycle
- Life of your interventional system extended
- Regular security updates provided to your operating system

2 Convert unplanned downtime into planned downtime thanks to OnWatch



- Likelihood of failures of your system limited thanks to OnWatch¹⁸ parameters monitoring
- Efficiency maximized by helping to ensure that your system is fully functional when you need it
- Costs associated with downtime reduced to minimum

3 Optimize your performance with continuous and customizable clinical application training



- 350 accredited education programs¹⁹ available at customer/GE site and remotely
- GE Cares Community membership to increase your professional skills

Augment imaging
Enhance experience
Improve outcomes



References

*Allia refers to Allia IGS 7 OR

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.

1. 47%, according GE sponsored blind survey conducted with 180 Interventional Cardiologists, Interventional Radiologists, and Vascular Surgeons in the US and Europe
2. There are performance claims that can be met only with one of the Maquet Magnus OR table system tabletop compatible with Allia IGS 7 OR.
3. Maquet Magnus table and skull clamp are sold by Getinge. Allia IGS 7 OR is fully integrated with the 360° radiolucent flat table top 1180.16A2/F2 and with the Universal table top 1180.10A0/F0 with attachment 1180.37A0/F0. The flat table top is suited for interventional, minimally invasive surgery and conventional open surgical procedures. The Universal tabletop is suited for minimally invasive surgery and conventional open surgical procedures.
4. AutoRight refers to intelligent image chain features of GEHC's Interventional x-ray systems, from image acquisition to image processing and display, available on Allia IGS 7 and Allia IGS 7 OR. May not be available in all markets.
5. Based on competitive research, among major players in interventional imaging
6. One of the parameters is InnovaSense, an option applicable to Allia IGS 7 OR (IGS 730 OR configuration)
7. 3DCT HD is an option sold separately. Includes 3DXR. Requires AW workstation and Volume Viewer.
8. Tested on a patient model based on published anthropometric data : C. Bordier*, R. Klausz and L. Desponds, Patient Dose Map Indications on Interventional X-Ray Systems and Validation with Gafchromic XR-RV3 Film, Radiation Protection Dosimetry (2014), pp. 1–13, doi:10.1093/rpd/ncu181
9. Valid for IGS 740 configuration
10. ASSIST solutions are composed of multiple medical devices. For more information, please refer to GEHC's web site. www.gehealthcare.com/assist
11. Liver ASSIST V.I. solution includes Hepatic VCAR and FlightPlan for Liver that can be used independently. It also requires an AW workstation with Volume Viewer and Volume Viewer Innova.
12. Embo ASSIST solution includes FlightPlan For Embolization, Vision 2, VessellQ Xpress, Autobone Xpress and requires AW workstation with Volume Viewer, Volume Viewer Innova. These applications are sold separately. May not be available for sales in all regions
13. In-room mouse is optional on Allia™ IGS 7
14. Outcomes will vary depending on the system, settings, clinical task, patient size, anatomical location, clinical practice and ASSIST solutions.
15. Performance obtained from following publicly available peer reviewed papers: Novel integrated 3DCT and fluoroscopy fusion for LAAC. Value of Image Fusion Coronary angiography for the detection of CABG, Impact of Hybrid rooms with Image fusion on radiation exposure during endovascular Aortic repair, Percutaneous Bone Biopsies: comparison between CBCT and CT guidance, Significant patient radiation exposure reduction during complex liver IR procedures using a new generation angiography imaging room, Comparison of the number of image acquisitions and procedural time required for TACE of Hepatocellular Carcinoma with and without tumor feeder detection SW
16. Hertault et al. Radiation Dose Reduction During EVAR: Results from a Prospective Multicentre Study (The REVAR Study). Eur J Vasc Endovasc Surg (2018). <https://doi.org/10.1016/jejvs.2018.05.001> | The sites in the REVAR study used Discovery IGS 730 and Discovery IGS 740, previous product versions of Discovery IGS 7 with GE OR table. They also used EVAR ASSIST image fusion, a previous version of EVAR ASSIST 2
17. De Ruiter et al. Meta-analysis of cumulative radiation duration and dose during EVAR using mobile, fixed, or Fixed/3D fusion C-Arms. J Endovasc Ther (2016). <https://doi.org/10.1177/1526602816668305>
18. OnWatch is an optional feature, not available in all countries and sold separately.
19. These results may not be typical for all customers and are not guaranteed. This statistic is derived from GE Healthcare Internal Data. 42 education programs were performed in Interventional Imaging.



About GE Healthcare

GE Healthcare is a leading global medical technology and digital solutions innovator. GE Healthcare enables clinicians to make faster, more informed decisions through intelligent devices, diagnostic pharmaceuticals, 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.

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