

Optima IGS 320

Cardiovascular imaging
within your reach





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Whether you are creating a new diagnostic service to improve access to patient care or building an additional room to perform your percutaneous coronary interventions, the Optima™ IGS 320 is an excellent fit for the job. It is built on a solid foundation of technology and components to deliver high image quality helping you achieve low dose. It lets you use the right tools for the procedures you perform. And it is an excellent investment, meeting your needs today and evolving with your practice.



Built from a legacy of solid innovations

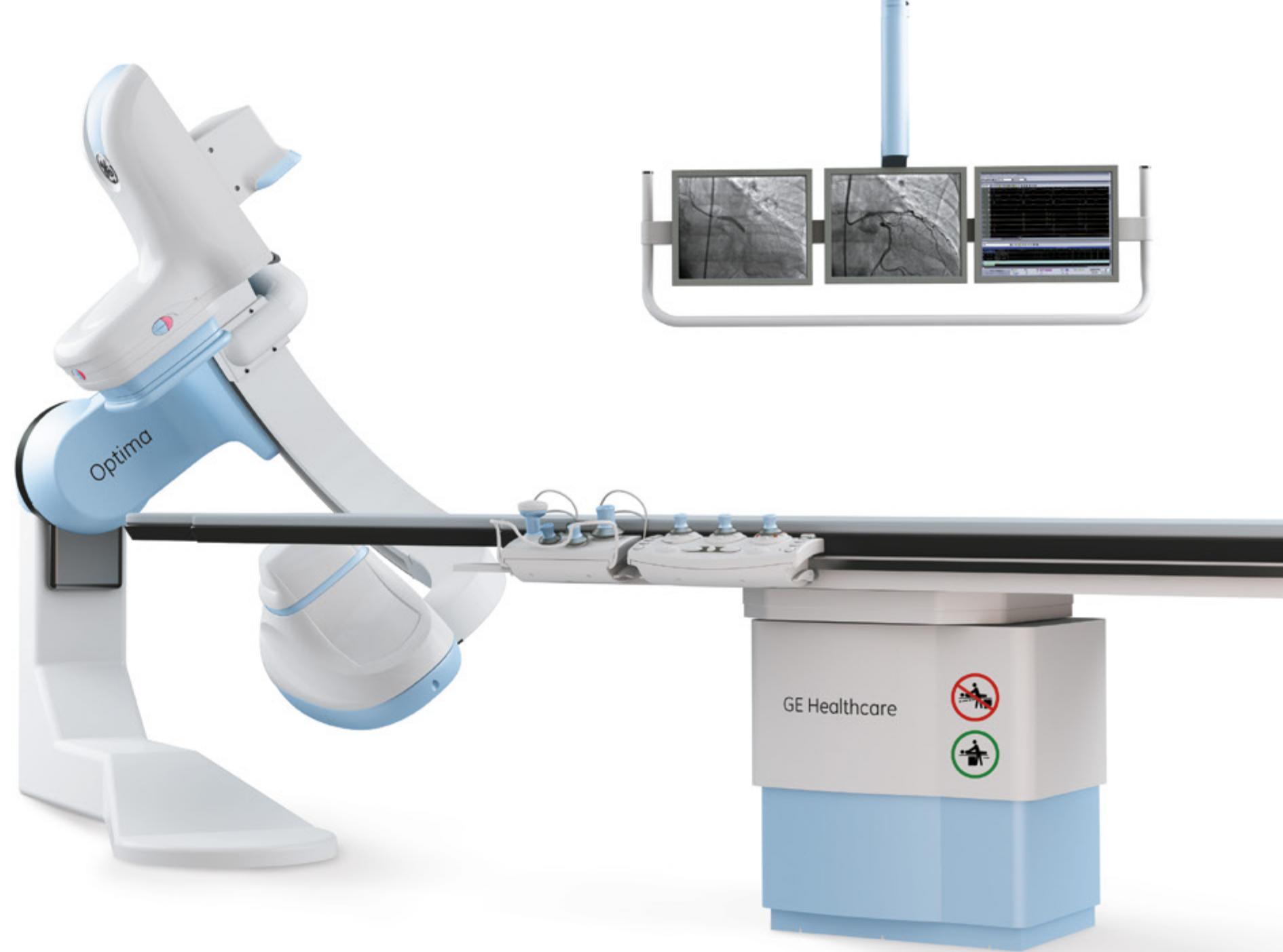
Optima IGS 320 is built from tried and trusted GE technology. It empowers you to maneuver freely and acquire clinical images with the level of detail you choose for each procedure.

Trusted imaging technology

GE designs its entire portfolio of interventional systems from the ground up with the same tried and trusted all-GE imaging chain, optimized to provide the image clarity you need while helping you keep dose as low as possible. The proprietary angiography flat-panel detector offers Detective Quantum Efficiency (DQE) among the highest in the industry.

Patented system flexibility

The flexible three-axis gantry offers excellent patient access from the left or right side. Additionally, you can position your monitors on both sides of the table for comfortable viewing of the images while you perform procedures. The SmartBox control lets you easily maneuver the system from the table side. With the in-room browser, you can review a thumbnail display of acquired sequences directly on the in-room monitor for interactive table side selection and review. And, with the press of a button, you can automatically transfer the angulation information and position the gantry to match the position from the review image.



The right tool for each clinical case

Optima IGS 320 provides excellent information on which to base clinical decisions. It is flexible enough to change easily when your procedural requirements do.



Dedicated imaging for cardiac procedures (1)

The Optima IGS 320 includes a 20.5 cm (8 in) square detector dedicated to cardiac imaging that offers 38 percent greater coverage than 17 cm (6.7 in) square detectors. It provides excellent coverage for performing coronary interventions from simple left coronary stenting to complex bifurcation cases or long CTO procedures and electrophysiology studies.

Large choice of imaging capabilities (2)

The Optima IGS 320 offers a wide range of acquisition possibilities to create the images you need to help you make sound clinical decisions. Plus, dose IQ customization provides different image-quality and dose strategies for the various clinical protocols in fluoroscopy and record acquisitions. You simply select the protocol that best suits the procedure.

Dedicated clinical applications (3)

For diagnostic purposes, you can choose quantitative analysis tools for distance measurement, Left Ventricle Analysis (LVA), Stenosis Analysis (SA) or more advanced clinical applications to help you in more delicate cases. For percutaneous coronary interventions, StentViz is a stent enhancement technology that provides excellent visualization of stent borders and details even in challenging areas of the coronaries. The InnovaSpin™ acquisition helps you see the entire heart chamber and coronary anatomy with one cine run and one contrast injection.

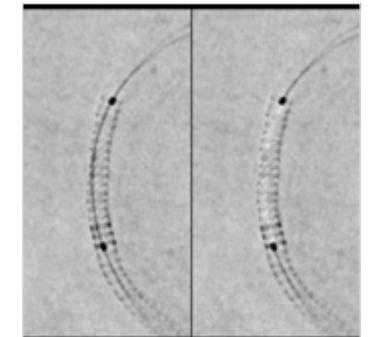
(1)



(2)



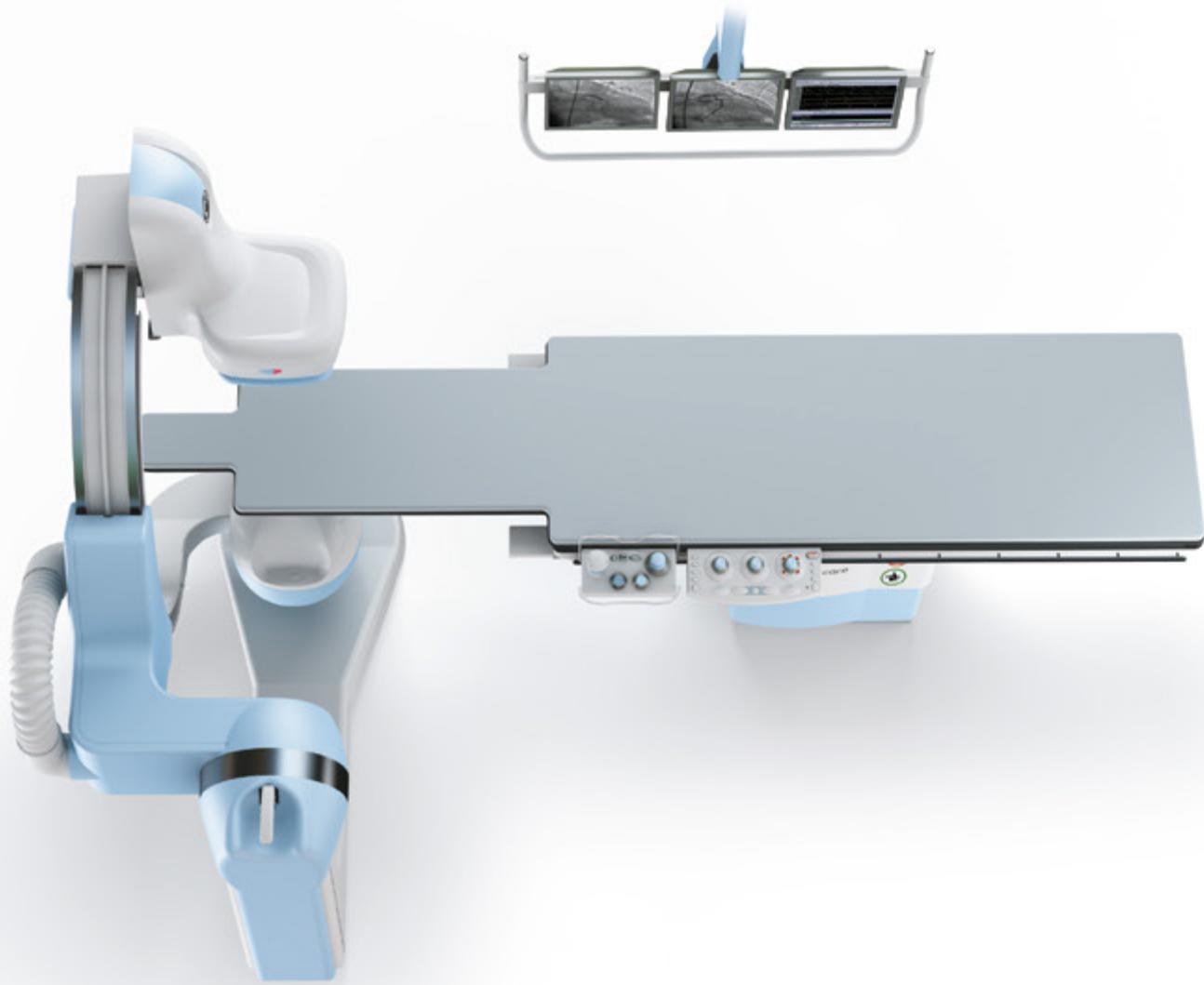
(3)





A strong investment for your institution

Optima IGS 320 fits your immediate clinical needs and financial realities – while letting you add options later as your healthcare institution evolves.



Performance to compose with your environment

The Optima IGS 320 is a valuable asset for any hospital requiring diagnostic activities or that require a room to handle high-throughput routine procedures. It fits in small rooms, making it ideal where space is at a premium.

Remote and proactive system monitoring for maximum uptime

The Optima IGS 320 features the InSite™ remote service platform, giving you live access to GE experts who can answer questions about system parameters and lend technical support. Optima system reliability is proven in some 300 installations worldwide with millions of hours of system uptime.

Scalable system grows with you

Today, the Optima IGS 320 is available with more than 30 options, from clinical applications to service contracts, upgradable at any time. For example as you expand the scope of procedures you perform, you can add Innova 3D for quick 3D rotational angiography acquisitions and reconstruction of the cardiac anatomy on the AW workstation. GE constantly invests in R&D to provide an even larger array of options to scale the system to your needs for tomorrow.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services to meet the demand for increased access, enhanced quality and more affordable healthcare around the world. GE (NYSE: GE) works on things that matter - great people and technologies taking on tough challenges. From medical imaging, software & IT, patient monitoring and diagnostics to drug discovery, biopharmaceutical manufacturing technologies and performance improvement solutions, GE Healthcare helps medical professionals deliver great healthcare to their patients.

Data subject to change.

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