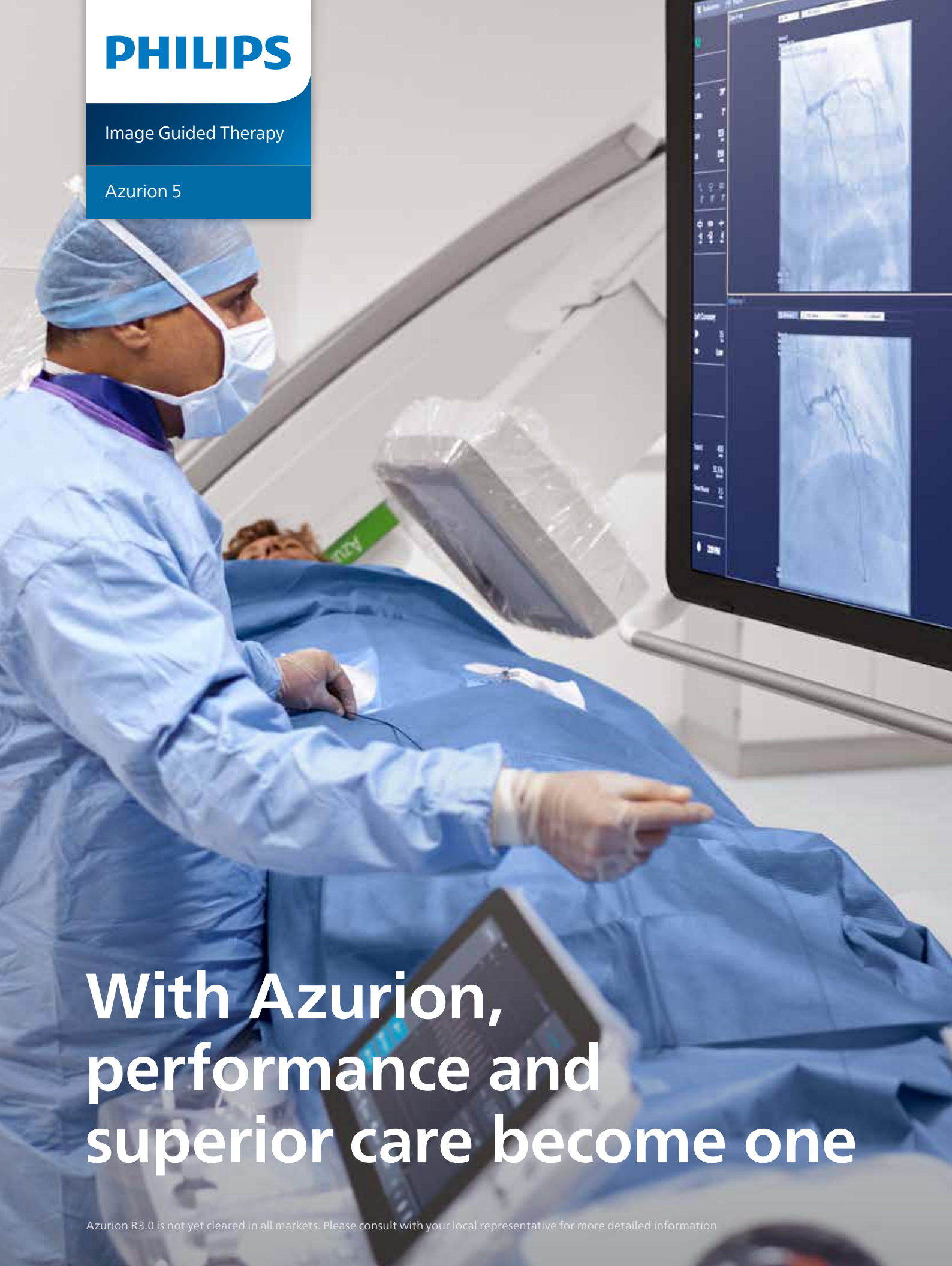
PHILIPS

Image Guided Therapy

Azurion 5



With Azurion, performance and superior care become one

Azurion R3.0 is not yet cleared in all markets. Please consult with your local representative for more detailed information

Innovatively designed to support even the most challenging procedures

Every day you strive to provide the best patient care, quickly and reliably, no matter which procedure you are performing. Now imagine being able to perform an increased number of procedures, for more patients, consistently and efficiently with fewer preparation errors. Imagine an intuitive platform that lets you optimize workflow. With it, your day just became a lot easier.

Provide superior care

Help optimize lab performance

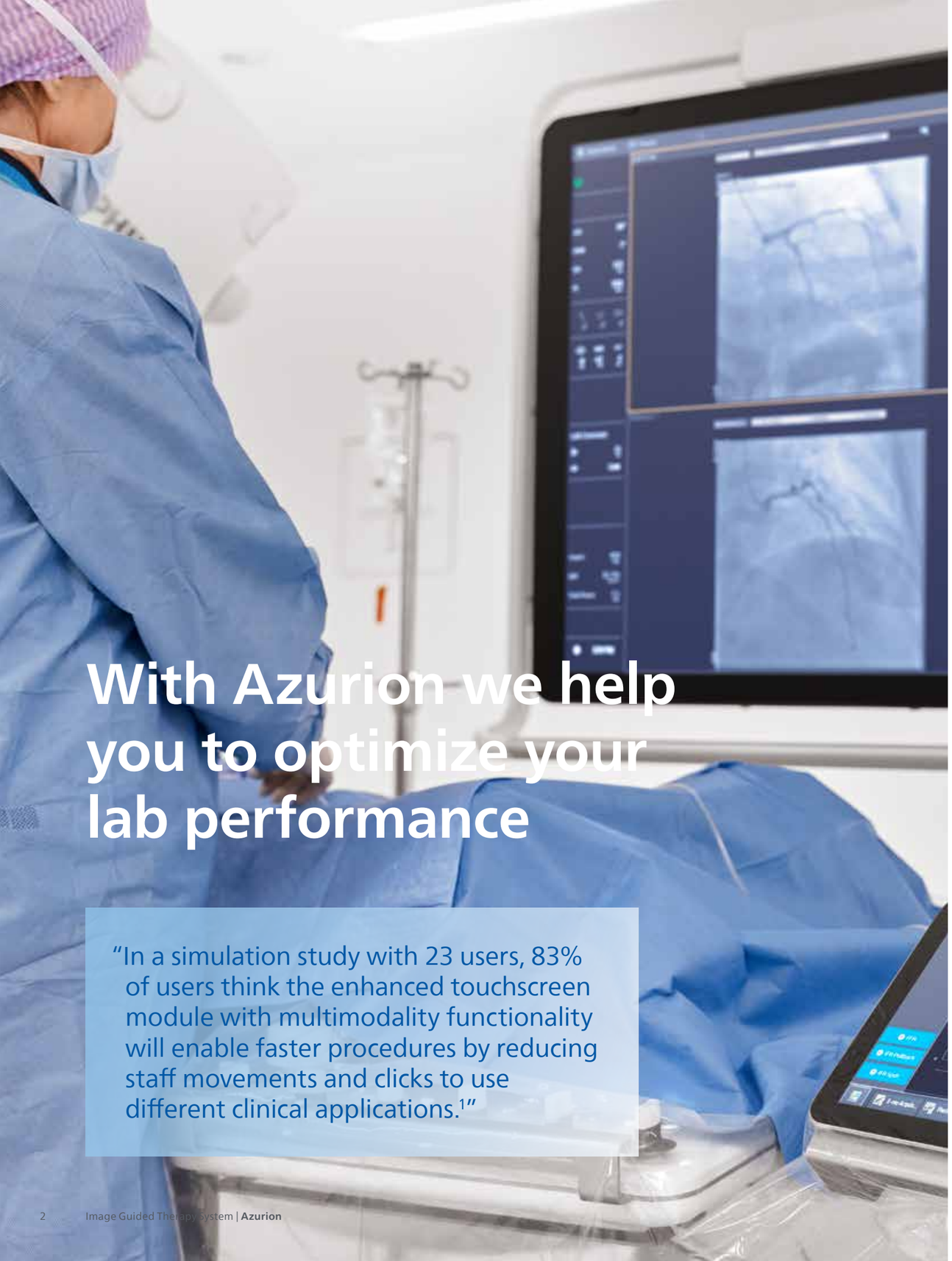
Perform diverse procedures quickly and easily

Meet Philips Image Guided Therapy System - Azurion 5

Simply perform a wide range of cardiac and vascular interventions with an integrated design that gives you control of all relevant applications from a single touchscreen at tableside, to help make fast and informed decisions without breaking sterility. This seamless user experience can help you optimize lab performance and deliver high-quality patient care.

Azurion 5 is powered by ConnectOS, a specially designed real-time, multi-workspot technology. The Azurion platform delivers a set of interventional tools that help you perform diverse procedures to a high standard.

Intensive user testing has accompanied the entire design and development process, making the system easy to use and supporting streamlined lab workflows. Azurion 5 underlines our ongoing commitment to you and your patients. Azurion 5 is tailored to your clinical needs and business ambitions, while extending your access to new innovation and capabilities as your goals change. Be ready for the future with Azurion 5.



With Azurion we help you to optimize your lab performance

"In a simulation study with 23 users, 83% of users think the enhanced touchscreen module with multimodality functionality will enable faster procedures by reducing staff movements and clicks to use different clinical applications.[1]"

As patient volumes and cost pressures rise, you find yourself having to do more with less. How can you achieve this with the same staff and equipment in the lab?

Run an entire case without breaking sterility

The touchscreen module and FlexVision option offer total control within the sterile field. Run an entire case tableside as you quickly diagnose, navigate, annotate and measure to your exact specifications, even when wearing gloves and under a sterile drape.
Tableside control saves you from having to go to the control room to access applications.

Get more done through Instant Parallel Working

The system has been specifically designed to save time by enabling interventional team members to do two tasks at the same time in the exam room and control room without interrupting each other. For example, while fluoroscopy/exposure is taking place, a technologist in the control room can instantly review previous images from the same patient, prepare the next exam or finish reporting on another patient. This leads to higher throughput and faster exam turnover without compromising quality of care.

Simplify workflow

Enter patient information once and it is automatically transferred to connected applications to reduce data entry errors. To save time, IntelliSpace Cardiovascular[2] and IntelliSpace Portal[2] launch automatically with the specific patient on the exam room monitor.

Full System Automatic Position Control (APC) gives you more flexibility to recall the stored position of the C-arm, table and other parameters for a particular image to simplify positioning.

Adapt your view

Azurion FlexVision is designed to enhance efficiency during interventions and provide full control at tableside. With it, you can connect 12 different sources and display 8 sources at the same time. This gives you the flexibility to support the growing complexity and mix of procedures in your lab.

Safeguard clinical performance and enhance lab security over time with Windows 10 platform

The standard Windows 10 platform can help support compliance with the latest security and standards to protect patient data. It can also accommodate new software options to extend your system's clinical relevance over time.

Provide superior care

As healthcare evolves and procedures become more complex, how do you maintain high standards of quality and safety and deliver superior patient care?

Clinical demands are getting more specific, and so are we

Our clinical suites are tailored to meet your specific challenges, while offering you the flexibility to carry out procedures in the easiest, most efficient way.
Our flexible portfolio of integrated technologies and services supports the full interventional spectrum.

Improve exam consistency

In addition to helping optimize and standardize routine tasks, ProcedureCards can increase the consistency of exams by offering presets. These can include default protocols and userspecified settings on the procedure, physician or departmental level so that you can always have the right settings for each exam and physician. Typical settings range from X-ray imaging parameters and geometry position to automatic position control and patient orientation.

In addition, hospital checklists and/or protocols can be uploaded into the ProcedureCards to help safeguard the consistency of interventional procedures and reduce preparation errors.

Enhance patient care with continuous monitoring

The Philips Interventional Hemodynamic System is integrated with the IntelliVue patient monitor, allowing continuous patient monitoring throughout the workflow in interventional procedures. There is no need to change cables, minimizing disruption to vulnerable patients and giving you more time to focus on them. Continuous patient monitoring also results in a gap-free patient record.

Clinical suites

"In a simulation study with 23 users, 78% of users think the ease of use of the enhanced touchscreen module with multimodality functionality will increase their utilization of different clinical applications in interventional procedures.[1]"

High safety standards and low radiation exposure

As you look for new radiation dose management strategies to continue to enhance patient and staff safety while maintaining and enhancing your level of care, we can support you in meeting your goals.

Managing dose efficiently

DoseWise is integrated across the Philips Image Guided Therapy portfolio. DoseWise consists of a comprehensive range of radiation dose management tools, training and integrated product technologies that aim to help you take control over patient care, staff safety and regulatory compliance. In addition, Zero Dose Positioning lets you pan the table, change table height or field-of-view on your Last Image Hold (LIH) image. This enables positioning without the use of radiation on the previously recorded last image.

High-quality images at a low X-ray dose

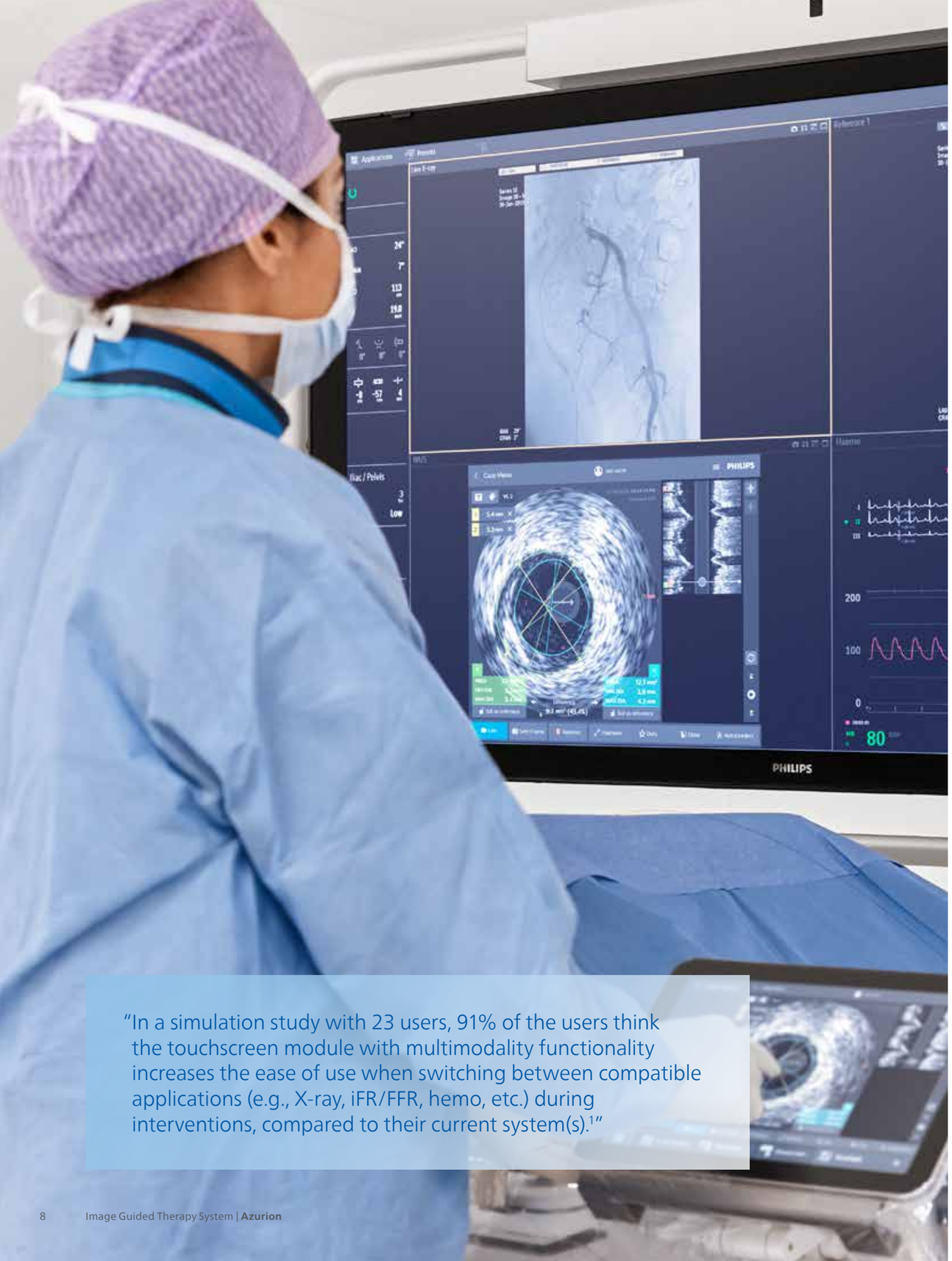
The optional ClarityIQ technology supports high-quality imaging for a comprehensive range of clinical procedures, achieving excellent visibility at low X-ray dose levels for patients of all sizes. Over 500 system parameters have been fine-tuned to use the full potential of ClarityIQ technology for each application area, enabling superb visualization in many different application areas.

Managing dose across your organization

Philips DoseAware provides real-time feedback in the exam room, displaying the invisible nature of radiation in real time, so that you and your staff can see it promptly, easily and simply in order to rapidly understand the effect of behavior changes and work patterns. DoseAware Xtend is a dedicated solution for treatment rooms that builds on the capabilities of DoseAware and interfaces seamlessly with the Azurion Image Guided Therapy System. Thanks to this seamless integration, DoseAware Xtend can provide live individual dose rates (live screen) during procedures, and summarized procedure doses (review screen). It also reminds staff to better protect themselves by providing a warning symbol when the lead protection screen is not being used properly.

Perform standardized Quality Assurance verifications in just 5 minutes[3]

To make it easier for you to routinely perform consistent verification tests of radiation dose and image quality, only Philips offers the User Quality Control Mode (UQCM) tool on its Azurion system. With this option, you can independently verify and audit the radiation and image quality-related factors of your Azurion system in a standardized way in just 5 minutes,[3] as well as carry out a range of validation and quality assurance tests.



"In a simulation study with 23 users, 91% of the users think the touchscreen module with multimodality functionality increases the ease of use when switching between compatible applications (e.g., X-ray, iFR/FFR, hemo, etc.) during interventions, compared to their current system(s).[1]"

Outstanding user experience

At Philips, we are guided by you. With Azurion, we've brought the user experience and simplicity of touchscreen controls right where needed to make a difference to lab workflow.

Gain advanced physiologic guidance to help improve treatment outcomes

Access IntraSight, a comprehensive suite of clinically proven[4-8] imaging, physiology and co-registration[9] tools, via the central touchscreen module. These tools allow you to go beyond the angiogram and complete your view of the target vessel, to help you make fast, informed clinical decisions.

Designed around you and your procedure

Every Azurion system and interventional tool uses the same standardized user interface to support training. A sophisticated help function further simplifies use. You can access digital user guides with one click for on-the-spot assistance.

Clear and simple to use

Information clearly stands out on the screen against the distinctive black background where active applications are highlighted. Backlit icons and distinctively shaped buttons on the control module promote intuitive operation. All controls are designed for easy cleaning to meet stringent sterility requirements.

Tablet ease to do more at tableside

With our enhanced touchscreen module, you will experience simpler, smoother procedures, based on familiar tablet interactions. You can now control all compatible applications in the interventional lab. This reduces interactions and the need to move to different consoles or the control room to access applications.

Azurion 5 M20 Monoplane Ceiling Mounted

Azurion 5 M20 Monoplane Floor Mounted

Azurion 5 M12 Monoplane Ceiling Mounted

Azurion 5 benefits at a glance

Azurion 5 is the next-generation Image Guided Therapy System that provides a foundation for today and is designed to support the innovations of tomorrow.

The Philips advantage

Access exclusive IntraSight features tableside to enhance treatment for standard cardiac and vascular procedures. Only offered by Philips, iFR is an evidence-based methodology that improves outcomes, saves time, and reduces patient discomfort.[4-6] IntraSight also offers exclusive plug-and-play digital IVUS at tableside. The ADAPT-DES study reported that IVUS guidance was associated with a change in PCI strategy 74% of the time.[10-13]

Enjoy a lifetime of benefits

The entire Azurion family is designed around a single, standardized hardware and software platform. New solutions and innovations can be added as they evolve, and as your requirements change you can easily integrate additional functionality and compatible third-party applications. In addition, our education and service offerings help you get the most from your solution over time.

Key benefits

- 12" (ceiling) or 20" (floor/ceiling) detector
- Flexible projection capabilities for cardiac interventions
- Entire coronary tree can be visualized with minimal table panning
- Enhanced visibility and excellent image quality for routine cardiac and vascular interventions
- Exceptional clarity for small vessels

High productivity combined with low cost of ownership

With Philips, you get the best service performance which enables you to treat more patients, and professional support to help you deliver cost-efficient care.

Best service performance[14] enables you to treat more patients[15]

Staying on top of today's complex healthcare environment is challenging enough without a constant concern of keeping your systems up and running smoothly. With Philips, your operations are protected by the best overall service engineer performance for imaging systems according to IMV ServiceTrak for 5 years in a row.[14] Philips remotely connected systems provide 135 more hours of operational availability per year, enabling you to treat more patients.[15]

Professional support helps you deliver cost-efficient care

To help you fully leverage your financial, technological and staffing resources and realize a high return on your investment, we offer professional support through our experienced network of over 7,000 field service engineers, as well as a flexible service offering that includes:

Innovative financing solutions tailored to meet the needs of healthcare organizations

- A broad range of healthcare consulting programs to help your organization further enhance the efficiency and efficacy of your care delivery process
- Philips Healthcare Education can help unlock the full potential of your staff, technology and organization to meet new challenges through innovative, meaningful and evidence-based healthcare education

Cost-effectively manage future upgrades with the Technology Maximizer program

Technology Maximizer is a program that runs in tandem with your Philips Service Agreement.[16] When you opt into the program, you receive the latest available software and hardware[17] technology releases for a fraction of the cost of purchasing them individually. The Technology Maximizer Plus allows you to further tailor upgrades to reduce costs. No need to wait for budget approval. No need to buy individual upgrades. Just a cost-effective way to manage ongoing technology upgrades through your operational budget.

Boost lab utilization

If your facility is looking for ways to more effectively manage large volumes of procedures, while lowering costs, our dashboards can help you assess your current performance and identify opportunities to increase your lab utilization. This can result in more meaningful and sustainable improvements for your lab. Next to the utilization dashboards, our healthcare consulting can help you further enhance the efficiency and efficacy of your care delivery process.

Doing business responsibly and sustainably

When you choose Philips, you are choosing a partner committed to meeting sustainability and circular economy ambitions. As a leading health technology company, our purpose is to improve people's health and well-being through meaningful innovation, positively impacting 2.5 billion lives per year by 2030. Azurion is the result of our EcoDesign process and offers significant environmental improvements:

- 100% product take-back after customers' acceptance of our trade-in offer
- 100% repurposing of the equipment that is returned to Philips
- Up to 90% of material weight is reused during refurbishing, depending on type and age of product
- At least 10% lower energy consumption over total product life usage[22]

Read more about our Environmental, Social and Corporate Governance (ESG) commitments here:
https://www.philips.com/a-w/about/sustainability.html

References

* Some features are optionally available. Not all features are available on all systems. Please check with your Philips representative for local availability.

1. Results obtained during a Usability Evaluation in the period of May and June 2019. The tests involved 23 clinicians (16 physicians and 7 technologists) from Europe who performed procedures using Azurion 2.1 image guided therapy system in a cardiac workflow and non-cardiac workflow in a simulated interventional lab environment.
2. It is the user's responsibility to ensure that Philips network requirements (such as performance, VPN) for IntelliSpace Cardiovascular are met. Note: Automatic same patient launch feature is available only with specific versions of ISCV and ISP.
3. The related tests were performed by 3 users with different background and experience level. The test timings were performed using a frontal plane of an Azurion biplane R2.1 system (FD20/15N, STM-1713 (Dick Bruna), location QL-1).
4. Davies JE, et al. DEFINE-FLAIR: A Multi- Centre, Prospective, International, Randomized, Blinded Comparison of Clinical Outcomes and Cost Efficiencies of iFR and FFR Decision-Making for Physiological Guided Coronary Revascularization. New England Journal of Medicine, epub March 18, 2017.
5. Gotberg M, et al., Instantaneous Wave-Free Ratio Versus Fractional Flow Reserve Guided Intervention (IFR-SWEDEHEART): A Multicenter, Prospective, Registry-Based Randomized Clinical Trial. New England Journal of Medicine, epub March 18, 2017.
6. Patel M. "Cost-effectiveness of instantaneous wave-Free Ratio (iFR) compared with Fractional Flow Reserve (FFR) to guide coronary revascularization decision-making." Late-breaking Clinical Trial presentation at ACC on March 10, 2018.
7. Maehara A, Matsumura M, Ali ZA, Mintz GS, Stone GW. IVUS-guided versus OCT-guided coronary stent implantation. J Am Coll Cardiol Img. 2017;10:1487-1503.
8. Choi K, et al. Impact of Intravascular Ultrasound-Guided Percutaneous Coronary Intervention on Long-Term Clinical Outcomes in Patients Undergoing Complex Procedures. JACC: Cardivascular Interventions. Mar 2019, 4281; DOI: 10.1016/j.jcin.2019.01.227.
9. Co-registration tools available within IntraSight 7 configuration via SyncVision.
10. Elgendy IY, et al. Outcomes with intravascular ultrasound-guided stent implantation: a meta-analysis of randomized trials in the era of drug eluting stents. Circ-Cardiovasc Interv. 2016;9:e003700.
11. Ahn JM, Kang SJ, Yoon SH, et al. Meta-analysis of outcomes after intravascular ultrasound-guided versus angiography-guided drug-eluting stent implantation in 26,503 patients enrolled in three randomized trials and 14 observational studies. Am J Cardiol. 2014;113:1338-1347. Hyperlink http://www.ajconline.org/article/S0002-9149(14)00549-9/abstract.
12. Witzenbichler B, et al. Relationship between intravascular ultrasound guidance and clinical outcomes after drug-eluting stents: The ADAPT-DES study. Circulation. 2014 Jan:129,4;463-470.
13. Singh V, Badheka AO, Arora S, et al. Comparison of in-hospital mortality, length of hospitalization, costs, and vascular complications of percutaneous coronary interventions guided by ultrasound versus guided by angiography. Am J Cardiol. Online 18 Feb 2015.
14. Data shown is an average, based on the comparison between remotely connected and non-remotely connected systems. Data sample from 2018 for Allura FD and Azurion systems (n=9955).
15. IMV ServiceTrak 2018 X-ray Cardiovascular Systems.
16. Eligible RightFit Service Agreements are available with Technology Maximizer.
17. Not currently available for ultrasound hardware.

4522 991 83501 * APR 2024

How to reach us
Please visit www.philips.com