

A male and female doctor, both wearing white lab coats, are looking intently at a computer monitor in a clinical setting. The background is dimly lit with blue light from the monitor. The male doctor is on the left, and the female doctor is on the right.

PHILIPS

Cardiac Imaging

Diagnose, assess and monitor
cardiovascular disease

Open the door to clear care pathways

17.9 million people die each year from cardiovascular disease, an estimated 32% of all deaths worldwide.¹

Quality cardiac care depends on efficient and accurate diagnostics and assessments, where answers to the right questions and timely insights provide a clear picture of a patient's condition, enabling precise, personalized care decisions.

Position yourself for success today and into the future with a comprehensive portfolio of Philips offerings that are designed to help strengthen clinical confidence, streamline workflows and enhance the patient and staff experience.

Combining a deep understanding of cardiology with a wide range of innovative solutions, our aim is to help ease the clinical burden and enhance clinical processes, even when your teams are presented with the most complex cases.



Clinical confidence

By supporting consistently superior diagnostic data and imaging with accurate analysis, we empower you to quickly make informed, confident decisions over the lifetime of each cardiac patient.



Efficiency throughout the care pathway

Through purposeful integration of systems and devices, automation, AI and user-friendly tools, we aim to help you optimize resources and lower costs by smoothing the way for faster, standardized results, with ready access to the right patient data at the right time from anywhere.



Cardiac care experiences

By minimizing exam time with fast, efficient systems that also elevate patient comfort during diagnosis, we help create a more human-centered experience for everyone.

¹[https://www.who.int/en/news-room/fact-sheets/detail/cardiovascular-diseases-\(cvds\)](https://www.who.int/en/news-room/fact-sheets/detail/cardiovascular-diseases-(cvds)). Accessed August 17, 2022.

Cardiovascular information management

Everything you need in one place

Address the ever-increasing need for cross disciplinary collaboration and data that is usable, accurate, actionable – and accessible – with Philips cardiovascular information management capabilities.



IntelliSpace Cardiovascular

Streamline workflow and improve operational performance throughout the cardiovascular care continuum with IntelliSpace Cardiovascular, a comprehensive multi-modality image and information management solution.

Configured for confidence

Access third-party applications, scheduling systems and clinical applications within the context of the patient study and series, all in a single customizable workspace.

Any time, from virtually anywhere¹

Provide clinicians with a single point of access to images and relevant patient information for fast, informed decisions, both individually and collectively.

Set the scene with ease

Enhance time-savings and maintain patient context with Cardiology Timeline, our graphical, panoramic, chronological overview of the patient's cardiovascular care.

IntelliSpace Portal

Discover a comprehensive range of advanced visualization applications with IntelliSpace Portal, a multi-modality, vendor-agnostic platform that is designed to help you efficiently reach a precise diagnosis and plan procedures.

First-time-right intelligence

Support confident interpretation during post-processing with a variety of relevant tools for reviewing, assessing and quantifying clinical information.

Enhance time-savings with AI-driven automation

Simplify workflows and increase efficiency with quick analysis support enabled by AI-powered 3D models, maps and other quantitative tools.

Facilitate care team collaboration

Communicate findings with colleagues by connecting with other Philips systems, including the interventional suite, via a scalable enterprise platform.

¹It is the user's responsibility to ensure that Philips network requirements (such as performance, VPN) for IntelliSpace Cardiovascular are met. The functionalities and benefits of the solution depend on customer-specific configuration and use. Please contact your local Philips representative for market availability and version compatibility.

Echocardiography

Streamline workflow from end-to-end

Take echocardiography to the next level with comprehensive solutions based on superior image quality, easy access to information, scalability and deep interoperability. Mobile workflow performance enhancers help your teams work smarter, not harder.

Fast, accurate diagnosis

Inform confident, yet efficient, decision-making with advanced quantification applications, including for cardio-oncology patients,² and connect users with remote experts for guidance and support in real time via Collaboration Live – a Philips exclusive – with EPIQ CVx and Affiniti CVx ultrasound carts.

Analyze data anywhere, anytime

Access advanced quantification tools and allow for standardization with vendor neutral capabilities and consistent on- and off-cart experiences and applications, via web-based clients, with Ultrasound Workspace.


Together in one platform

Connect patients, care teams and data securely throughout the entire cardiovascular continuum, across echocardiography workflows – and other cardiac imaging workflows as well – with the IntelliSpace Cardiovascular information platform.

In a recent study, the majority of respondents (86%) agreed that the use of the Philips echocardiography workflow solution can help increase confidence in diagnosis decision-making, can improve staff experience by providing single screen access to the patient data, and can lower cognitive load.¹

¹Assessment of benefits of Echo Workflow Solution: Findings from a two-step Delphi study; S. Boonyaratavej, F. Riccobene, F. Falahi, J. Franke, J. Solis, R. M. Lang; medRxiv 2022.06.01.22275807. This article has not been peer-reviewed. It reports new medical research that has yet to be evaluated and so should not be used to guide clinical practice.

²Echocardiography is recommended as the first-line modality for the assessment of cardiac function in patients with cancer. Alexander R. Lyon, et al. 2022 ESC Guidelines on cardio-oncology, European Heart Journal, 2022; ehac244, <https://doi.org/10.1093/eurheartj/ehac244>.



Given that
60% of patients selected for coronary angiography show non-obstructive disease,¹
a confident pre-angiography assessment of the likelihood of disease is critical.

¹Patel, et al. Am Heart J 2014;167:846-852.e2

Cardiac CT

Achieve certainty

Guidelines increasingly recommend CT within the initial assessment of coronary artery disease. Help inform the proper course of action by applying the additional clinical insights provided by Philips Spectral CT.

Always there, for every patient

Enhance clinical confidence across a wide variety of patients with clear images of small coronary vessels, regardless of motion, arrhythmias and calcium loads. Philips CT 7500 spectral information is always on, and always there, even after the scan is complete.

Now you see it

Enable clinicians to review multiple spectral results simultaneously across a region of interest, on IntelliSpace Portal or within your existing PACS, with Philips Spectral Magic Glass.

AI-powered motion correction

Correcting for coronary motion, AI-powered Precise Cardiac technology can potentially eliminate the need for re-scan by transforming a CT image from non-diagnostic to diagnostic quality.

Streamline assessment with intelligent automation

Visualize, analyze and report with AI-enhanced automation tools found in the IntelliSpace Portal Comprehensive Cardiac Analysis suite.



"MR is a very powerful tool that has become very, very fast. We have a new measure to identify and quantify sub-clinical probable chance of heart failure."

– European Head of Cardiac Imaging

¹Compared to the Ingenia 1.5T ZBO magnet.

²Compared to the Philips Ambition 1.5T system.

³Compared to Compressed SENSE imaging.

Cardiac MR

Expand access

As the demand for Cardiac MR continues to grow, so does the need to increase accessibility throughout the care path. Count on Philips to help expedite clinical adoption by making Cardiac MR faster, easier and more robust.

Plan to be efficient with extra flexible siting

Fully sealed, and helium free, BlueSeal magnets on Philips 1.5T systems are around 900 kg lighter than their predecessor,¹ helping to facilitate low siting and construction costs while also contributing to your sustainability goals.

Smart workflow

Help reduce patient changeover times by up to 30% with VitalScreen guided patient set-up, VitalEye touchless patient sensing, AutoVoice patient breath-hold guidance, ScanWise implant software and light Breeze coils.²

Low scan times for high patient satisfaction

SmartSpeed leverages AI reconstruction to allow for decreasing scan time by up to 30% for cardiac imaging without a penalty in image quality, or increasing IQ / resolution by up to 30% within a similar scan time.³

Advanced visualization. Enhanced time-savings.

IntelliSpace Portal 3D models, maps, and other quantitative tools allow for quick analysis support.

Philips Cardiac Imaging Portfolio

Comprehensive solutions for smarter enterprise management

Everything you see here is available today – and designed to expand tomorrow. Open the door to clear care pathways with predictable outcomes tailored for each patient based on clinical confidence, efficiency and satisfying experiences for staff and patients alike.



IntelliSpace Cardiovascular

Inform clinical decisions and streamline workflows across your departments and enterprise with single point of access analysis and seamless integration.



IntelliSpace Portal

Obtain and share clinical insights with confidence and efficiency, from diagnosis to planning and treatment, with advanced multi-modality visualization applications.



Echocardiography and Ultrasound Workspace

Streamline echo workflow throughout care pathways, from fast, accurate diagnosis in the echo lab to AI-enhanced measurements in the reading room.



Cardiac CT

Trust in Spectral CT that is “always on, always there” and correct for coronary motion with innovative AI-powered Precise Cardiac technology.



Cardiac MR

Bring Cardiac MR into your clinical mainstream with unsurpassed siting flexibility while also reducing breath holds and scan times.

“We need to have a vendor relationship that’s two-way, allowing us to participate in the development of change and also allowing us to be the beneficiaries of technology that’s going to help us in taking care of our patients.”

– USA Cardiac Institute Founder and Chief Medical Executive



To learn how Philips can help open the door to clear care pathways,
today and tomorrow, please contact your Philips representative.