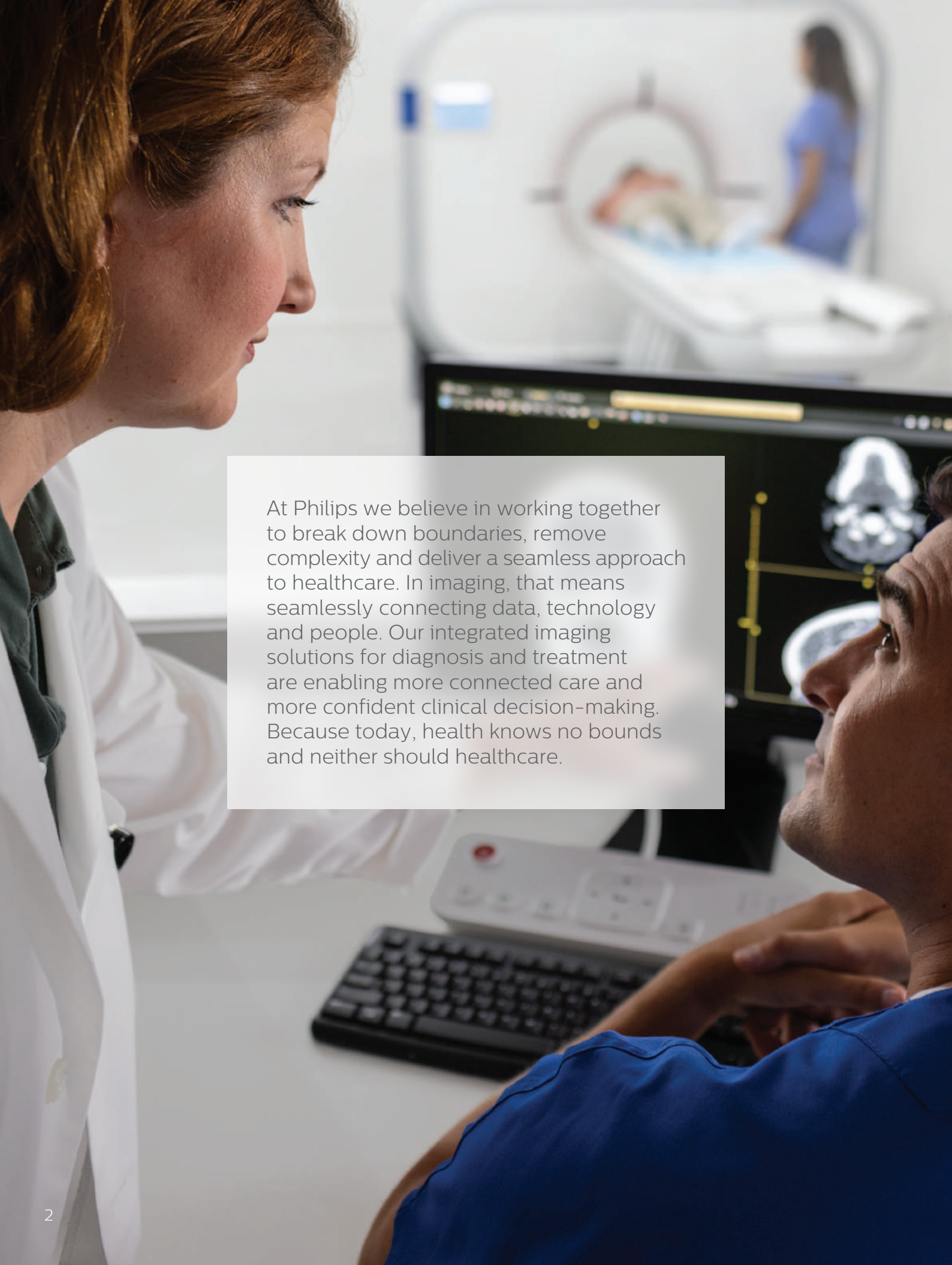
PHILIPS

Computed tomography

Intellect at every step

Philips Incisive CT



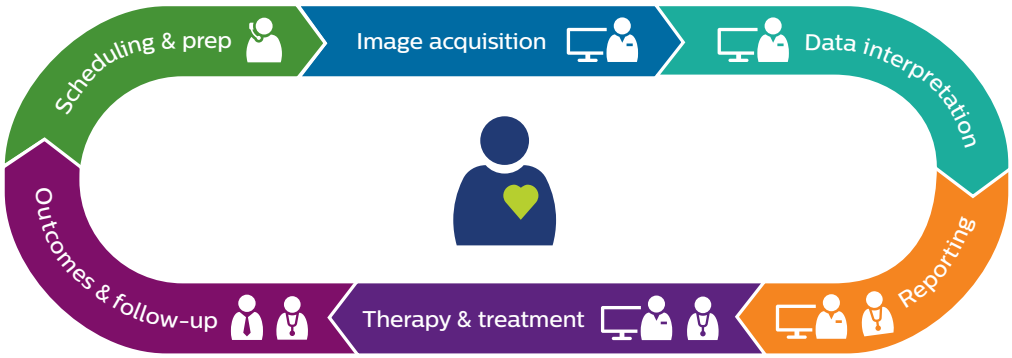
At Philips we believe in working together to break down boundaries, remove complexity and deliver a seamless approach to healthcare. In imaging, that means seamlessly connecting data, technology and people. Our integrated imaging solutions for diagnosis and treatment are enabling more connected care and more confident clinical decision-making. Because today, health knows no bounds and neither should healthcare.

Connecting data and technology to empower the people behind the image

Imaging is all about providing accurate information to guide better patient care. But in order to create more value for patients, the elements that form the imaging enterprise have to work together better.

We see imaging as an integrated system in which data and technology must connect intuitively and automactically to empower the people who rely on them. By focusing on the specific needs of the people behind the image, we can address the most pressing needs of imaging today: to team up for data-driven practice management; create a better experience for patients and staff; lower costs for administrators and health systems; and above all, increase diagnostic confidence for improved patient care.

A systems view



Creating a seamless care environment requires meeting the needs of the people behind the image – patients, technologists, radiologists and administrators – with meaningful solutions to address their biggest challenges.

Incisive thinking leads to smart approaches from the start

Philips Incisive CT helps you meet some of your organization's most pressing challenges. Incisive CT offers intellect at every step, from acquisition through results, and across all fronts: financial, clinical and operational. Like never before, operator and design efficiencies come together for wise decisions from start to finish.

Elevates your business

Reduce operational costs to meet financial objectives:

- Tube for Life guarantee*
- Technology Maximizer
- Expansive in-room upgradeability

Delivers intelligence that adapts to you

Speed workflow and expand clinical breadth:

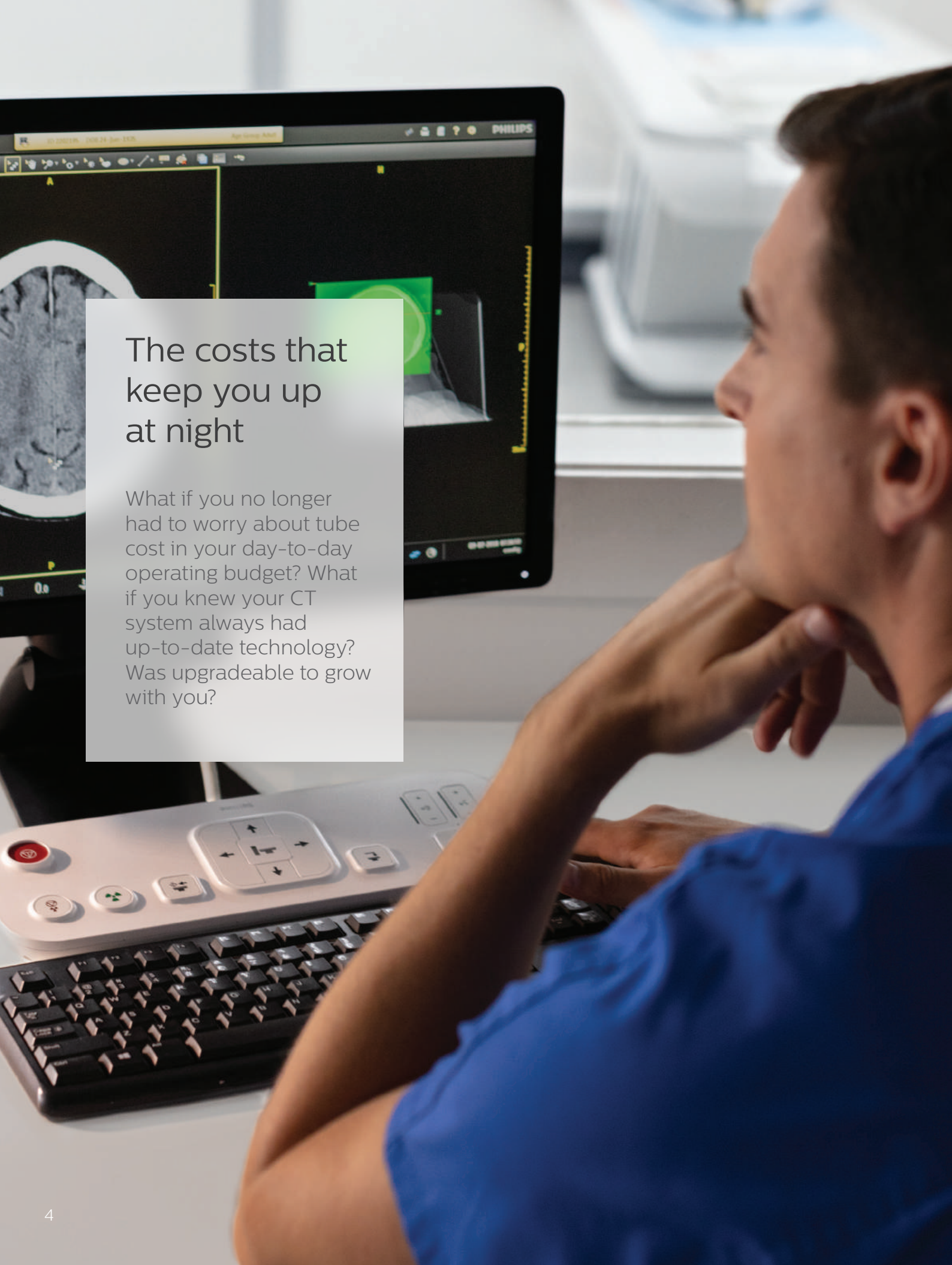
- OnPlan patient-side gantry controls
- IntelliSpace Portal
- iDose^4 and O- MAR
- 70 kV scanning

Brings predictability to an unpredictable world

Reduce downtime and improve efficiency and care:

- Proactive monitoring
- Remote services
- DoseWise Portal
- PerformanceBridge

**Life of the product is defined by Philips as 10 years. Tube for Life guarantee availability varies by country. Please contact your local Philips sales representative for details.*



The costs that keep you up at night

What if you no longer had to worry about tube cost in your day-to-day operating budget? What if you knew your CT system always had up-to-date technology? Was upgradeable to grow with you?

Elevates **your business**

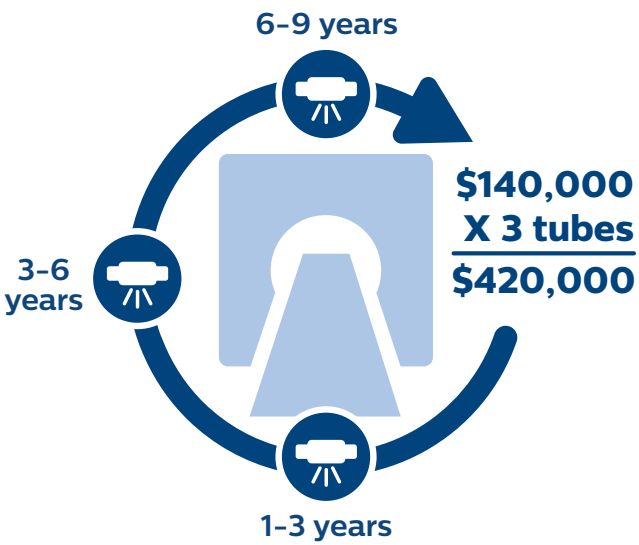
We're bringing new ways to help you stay competitive in your market, managing operational costs while you work to optimize patient care.

Tube for Life guarantee*

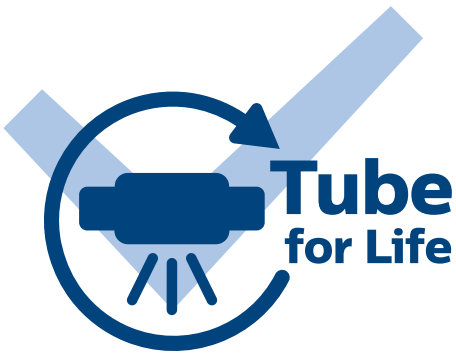
Unprecedented approaches to help lower operating costs by an estimated $400,000**

We believe so strongly in the reliability of the vMRC tube that we'll replace it if necessary over the entire life of the system* at no cost to you, helping you keep control of operational costs.

Possible cost of replacement tubes for your system=$420,000



With Tube for Life replacement tube cost=$0



*Life of the product is defined by Philips as 10 years. Tube for Life guarantee availability varies by country. Please contact your local Philips sales representative for details.

**Actual operating costs for customers vary significantly because many variables exist (such as CT make and model, hospital/imaging center size, case mix, system usage). The potential savings identified estimates the avoidance of purchasing replacement tubes over a 10-year useful life of a CT system, based on an average selling price of $140,000 per replacement tube and estimated tube life of 3 years. There can be no guarantee that all customers will achieve this result.

Choose intellect **at every step**

With Philips Technology Maximizer, you can stay clinically advanced, while maximizing your imaging investment:

Benefits	
Predictable budget	Plan a predictable budget for needed enhancements instead of multiple approvals
Stay competitive	Automatically access innovation on release instead of buying each new enhancement separately
Non-obsolescence	Stay protected from obsolescence and be first to market with innovations

Right-size today with flexibility for tomorrow

If you're looking to carefully grow your practice, you can right-size your system for today and gain flexibility for tomorrow. Expansive in-room upgradeability allows the system to grow as your clinical needs evolve.

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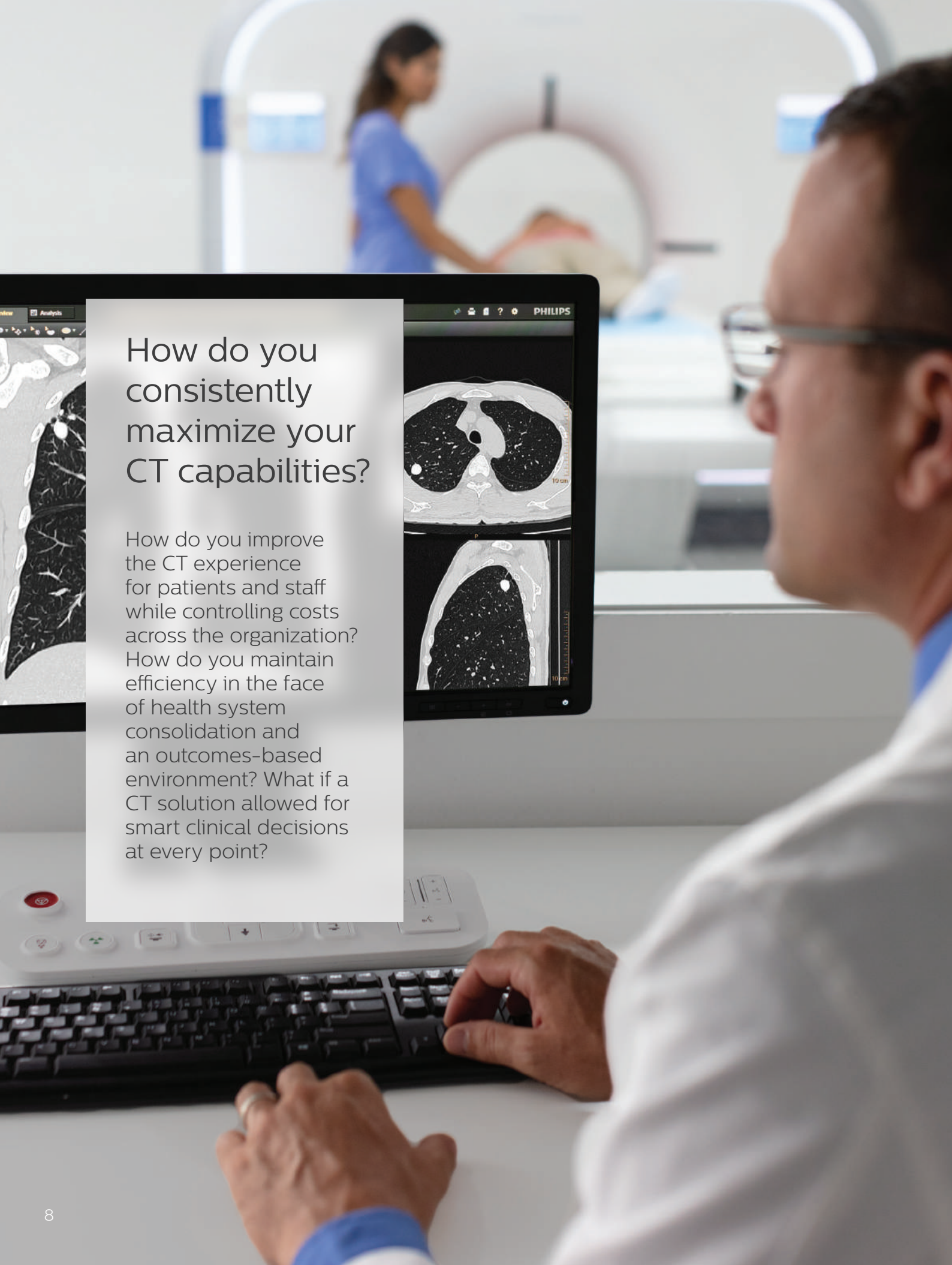

How do you consistently maximize your CT capabilities?

How do you improve the CT experience for patients and staff while controlling costs across the organization? How do you maintain efficiency in the face of health system consolidation and an outcomes-based environment? What if a CT solution allowed for smart clinical decisions at every point?

Delivers intelligence **that adapts to you**

Intuitive advances from the scanner to the console to the reading room help improve the patient experience and every step of the radiology workflow. Consistent high-quality and fast results are made possible by the adaptive intelligence of Incisive CT, which helps keep the technologist close to the patient and offers consistency scan to scan.

Simplified review of even complex cases

IntelliSpace Portal extends the capabilities of Incisive CT to offer post-processing that allows for review of complex cases such as cardiac, screening and dual-energy.

Superb image quality and smart dose management

iDose[4] and O-MAR work together to enhance image quality, while the 70 kV scan mode allows for improved low-contrast detectability and confidence at low dose.

Incisive for you

Enable inter-operator consistency and reduce time to results by 19% with adaptive intelligence at every step of the exam*

Based on a study performed at Oz Radiology Group. Results from case studies are not predictive of results in other cases. Results in other cases may vary.

Right by **their side**

Closer to the patient

New OnPlan patient-side touchscreen gantry controls help enhance patient care by letting the technologist do more directly from the scanner, such as setup and pre-scan adjustments, to minimize time spent away from the patient. Intuitive and automated workflow from the gantry to the console offers consistent image quality and quick results.

Providing a positive environment for patients and caregivers

Philips Ambient Experience incorporates dynamic lighting, projection, and sound to provide a positive distraction for patients. In a study performed at Jeroen Bosch Hospital, patient satisfaction increased by 45% in the Ambient Experience rooms compared to the control group.*

**Results not predictive of results in other cases. Results in other cases may vary.*

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Incisive CT

Incisive approaches to clinical challenges

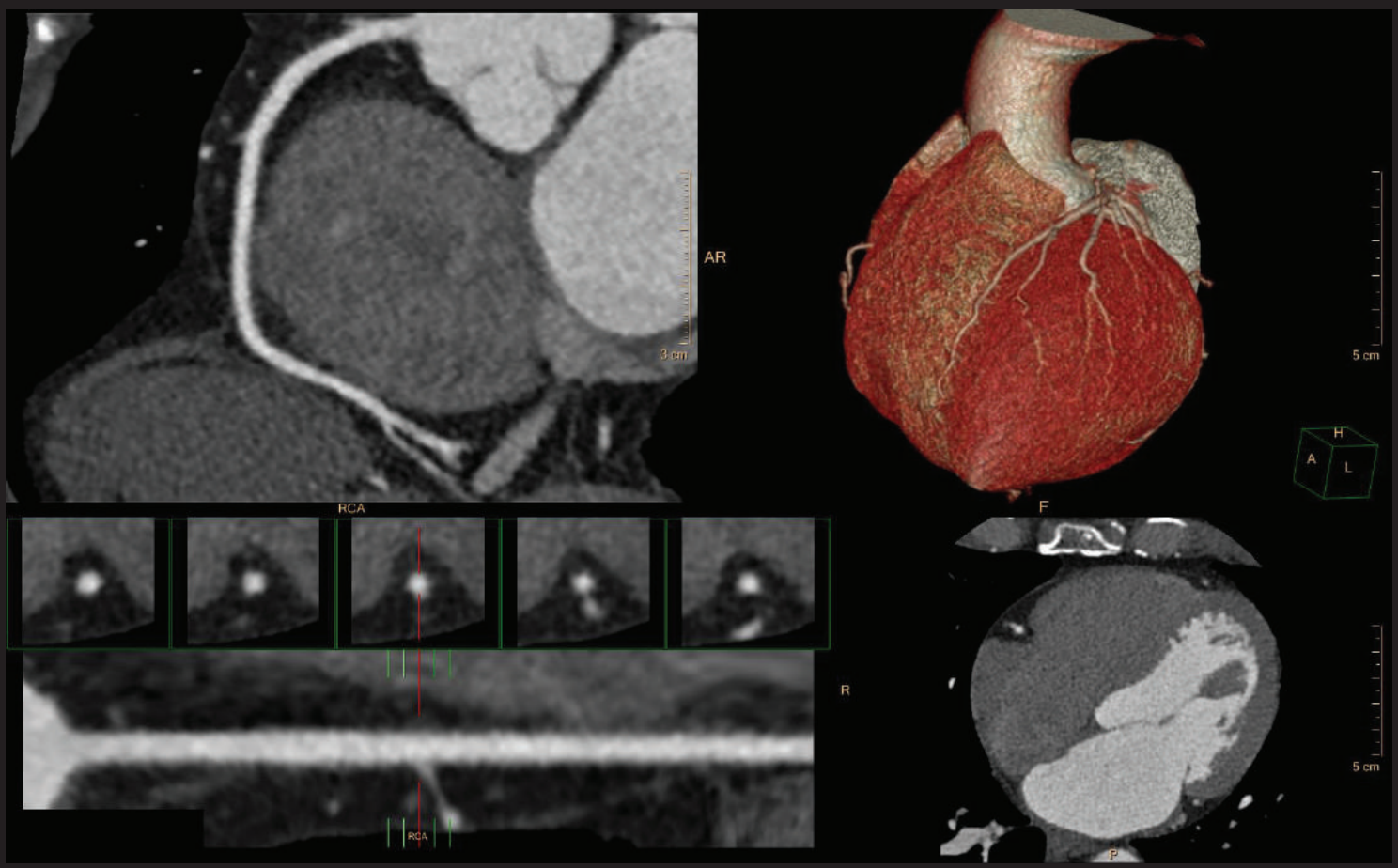
Accommodating a wide range of patient types and a wide range of exams, intellect at every step offers the answers you're looking for with high image quality across a wide clinical breadth in CT imaging.

Incisive thinking about contrast and dose

The 70 kV scan mode allows for improved low-contrast detectability and confidence at low dose.

Incisive thinking in coronary artery disease (CAD)

Improve temporal resolution by 30% in cardiovascular studies through fast 0.35 second rotation speed*.



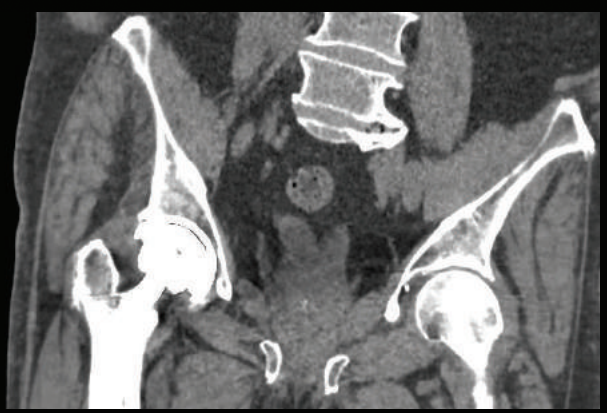
*When compared to 0.5 second rotation speed.

At the **leading edge**

Incisive thinking about dose and image quality

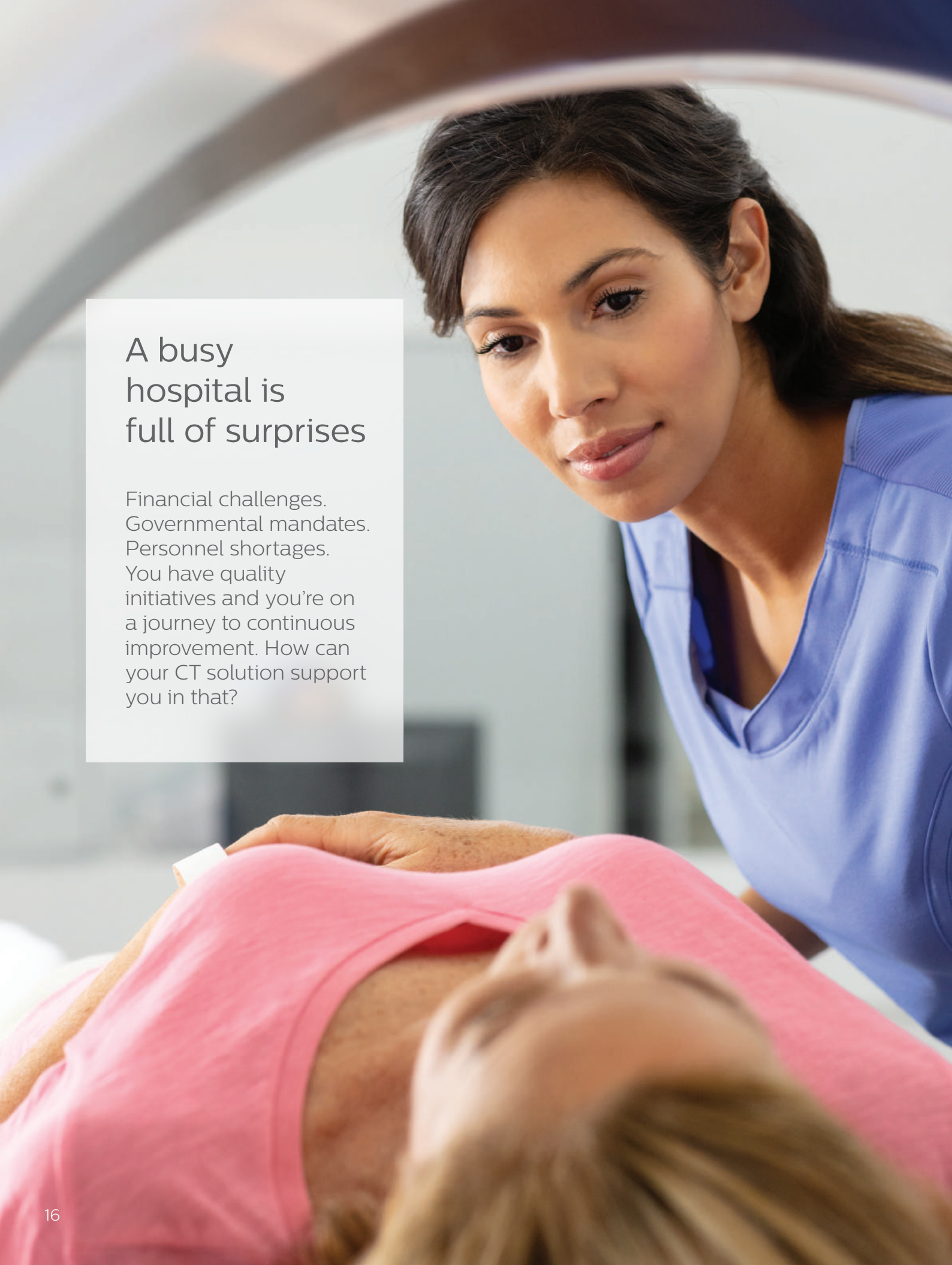
- iDose^4 Premium Package includes two leading technologies that can improve image quality – iDose^4 and metal artifact reduction for large orthopedic implants (O-MAR).
- iDose^4 improves image quality* through artifact prevention, noise reduction, and increased spatial resolution at low dose.
- O-MAR reduces artifacts caused by large orthopedic implants.
- Together they produce high image quality with reduced artifacts.

iDose^4 without O-MAR



iDose^4 with O-MAR

**Improved image quality as defined by improvements in spatial resolution and/or noise reduction as measured in phantom studies.*



A busy hospital is full of surprises

Financial challenges. Governmental mandates. Personnel shortages. You have quality initiatives and you're on a journey to continuous improvement. How can your CT solution support you in that?

Brings predictability to **an unpredictable world**

Incisive CT brings reassuring predictability to you. Day to day, we help keep you up and running with proactive monitoring to reduce unplanned downtime and remote services for rapid resolution of any issues.

Proactive monitoring

Philips proactive monitoring provides **24/7 monitoring** of your system, predicting issues and solving them before they can impact your day-to-day operations. Philips advanced remote services technology allows us to **resolve 31% of issues** without the need for on-site service, improving system uptime.*

Utilization-based maintenance

Increase productivity by matching planned maintenance activities to your actual scanner utilization.

Incisive for you

Minimize unplanned downtime through proactive system health monitoring that continuously monitors both internal and external data points to analyze the overall health and performance of your system, so that we can catch issues before they disrupt your operations.

Reduce the burden to your organization of purchasing a new CT system with installation done in just a weekend.

*Data collected across Philips portfolio scanners using Remote Services

Maximum value for your investment

Maximize uptime

With 24/7 proactive monitoring, Philips helps you solve problems before they can impact your day to day operations. In the event an issue arises, **Remote Services** gets you back up and running quickly, resolving 31% of issues without the need for on-site service.*

Gain actionable insights

DoseWise Portal is a vendor-agnostic, web-based dose monitoring solution that collects, measures, analyzes, and reports patient and staff radiation exposure, assisting you to take control of quality of care, efficiency, patient and staff safety.

Stay ready for the future

Technology Maximizer allows for technology migration to ensure you are using the most up-to-date hardware and software, while reducing the costs of managing obsolescence.

Focus on continuous improvement

PerformanceBridge is an integrated portfolio of services and solutions that enable continuous organizational performance improvements. These long-term, subscription-based offerings include defined services, easy to access data in one common platform, and personal expert support.

**Data collected across Philips portfolio scanners using Remote Services*

Seamless imaging for better healthcare

Meaningful innovation today lies in enabling seamless processes that deliver repeatable and reproducible outcomes with the power to touch more lives, at a faster rate, more cost-effectively. By focusing on what matters most to the imaging community – your clinical, operational, and financial challenges – we can streamline the path to a confident diagnosis and provide the greatest value to patients, providers and health systems. That's innovation at its best.

There's always a way to make life better.

About Philips imaging

Philips is a global provider of integrated imaging solutions for diagnosis and treatment. Our portfolio of imaging products – in MR, CT, molecular imaging, X-ray, fluoroscopy, IGT and ultrasound – is connected through the enterprise-wide IntelliSpace informatics platform for PACS, RIS, cardiology and advanced visualization. Focused on seamlessly connecting data, technology and people, Philips is pioneering design-driven solutions for patient comfort, smart systems to improve image acquisition, adaptive intelligence to boost diagnostic confidence, analytics and tools for operational improvement, and enterprise partnership models to address the challenges of value-based care.

For more information, visit www.philips.com/incisive-CT.

The Incisive CT is a Computed Tomography X-Ray System intended to produce images of the head and body by computer reconstruction of X-Ray transmission data taken at different angles and planes. These devices may include signal analysis and display equipment, patient and equipment supports, components and accessories. The Incisive CT is indicated for head, whole body, cardiac and vascular X-Ray Computed Tomography applications in patients of all ages.

These scanners are intended to be used for diagnostic imaging and for low dose CT lung cancer screening for the early detection of lung nodules that may represent cancer*. The screening must be performed within the established inclusion criteria of programs / protocols that have been approved and published by either a governmental body or professional medical society.

*Please refer to clinical literature, including the results of the National Lung Screening Trial (N Engl J Med 2011; 365:395-409) and subsequent literature, for further information.

For more information, please visit www.philips.com/incisive-CT

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