

**PHILIPS**

**Intuis**

Interventional X-ray

Making the difference  
with Live Image Guidance

# Making the difference

## with Live Image Guidance

### Philips Intuis

Together we make the difference in minimally invasive treatment to improve patient outcomes and save lives. With our Live Image Guidance we aim to remove barriers to safer, effective, and reproducible treatments, delivering relevant clinical value where it's needed most – at the point of patient treatment.

Healthcare resources are under more pressure than ever in today's challenging economic environment. That means your cath lab has to go above and beyond. You want to handle a higher volume and variety of procedures to see a faster return on your investment. All while delivering excellent care to your community.

Experience a versatile and intuitive cath lab with Philips Intuis. Its advanced 15" flat panel detector is designed to provide excellent image quality, clinical versatility, and high throughput. Intelligent and intuitive integration of live imaging and procedure-based applications promote efficient procedures and enhance patient care.

Together, we open doors to efficient, high quality procedures that truly make a difference to people's lives while driving growth and reducing the cost of care.



### Contents

#### **Increased economic value**

Versatile imaging and service support enhance operational performance and contributes to a strong return on investment

4

#### **Greater insight and confidence in finding and treating the problem**

Clear visualization of broad anatomy supports fast and accurate diagnosis and treatment

6

#### **Better user experience to promote consistency and efficiency**

Designed to help save time and space in your procedure room

8

#### **Lower barriers for minimally invasive interventions**

Manage radiation exposure and increase awareness with our comprehensive DoseWise program

10

# Increased economic value



## Makes business sense

At Philips we have a long tradition of providing sustainable solutions that are designed in your best interest. You can quickly grow your healthcare practice with the reliable, multi-purpose Intuis. It supports you in offering a wide range of diagnostic and interventional services, including cardiac, vascular, and EP interventions, as well as biopsy, drainage, and vertebroplasty procedures.

Intuis is designed to help you make the most of your healthcare resources. Its high throughput and ability to perform diverse procedures deliver tangible value – day after day, year after year. This allows you to have a high return on investment that may also allow your facility to break-even early.

## Fits anywhere

This compact system gives you ample space in the procedure room. Its small footprint can easily fit in small procedure rooms, thereby reducing the need and expense of specialized room modifications.



## Key benefits

- Supports a wide range of diagnostics and interventions
- Provides a high return on your investment
- Designed for low maintenance and low cost of ownership

## Performs consistently day after day

Intuis is highly dependable and robust. It delivers consistent performance, day after day. The streamlined design is intended for low maintenance and low total cost of ownership.

## Count on us as your patients count on you

Staying on top of today's complex and ever changing healthcare environment is challenging enough. The last thing you need to be concerned with is keeping your care systems up and running smoothly.

At Philips, we work as one with your teams. We share their dedication to solve issues before they

start and their drive to keep going day and night until the job is done. With us taking care of your systems you can focus on what really matters – delivering better care, to more people, at lower cost. Together we can create a healthier future.

## Partner in your growth

Think of Intuis as a value-added investment and a dependable partner in your growth for years to come. With Intuis comes Philips promise of extending the lifetime of your system with timely updates as the needs of your practice evolve over time.

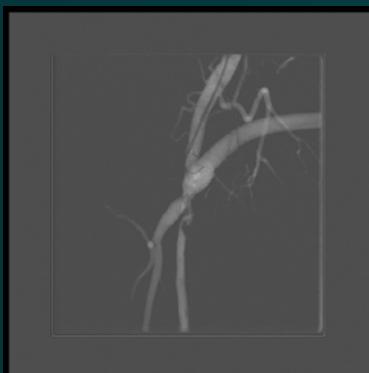
# Greater insight and confidence

in finding and treating the problem

Intuis is a part of the range of interventional X-ray systems from Philips. It is designed for highly reliable and robust operation. The system's high performance tube and generator and flexible geometry enable you to treat patients with more confidence.

## Cover the anatomical areas you need

Thanks to the next generation 15 inch detector you benefit from excellent image quality. You have access to a wide anatomical coverage which opens the way to performing a variety of procedures. Intuis uses the superb Philips image processing chain to visualize small vessel details with exceptional clarity. You can also select your field of view. This gives you the insight you need to diagnose and treat patients with precision. What's more, by reducing the number of extra imaging runs, you may also reduce X-ray dose.



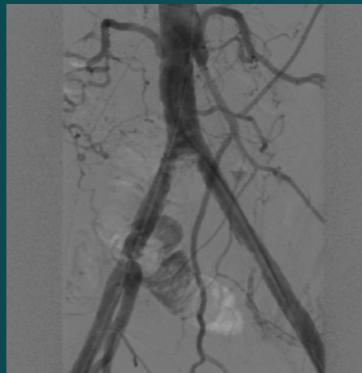
Vascular roadmap



Coronary RCA

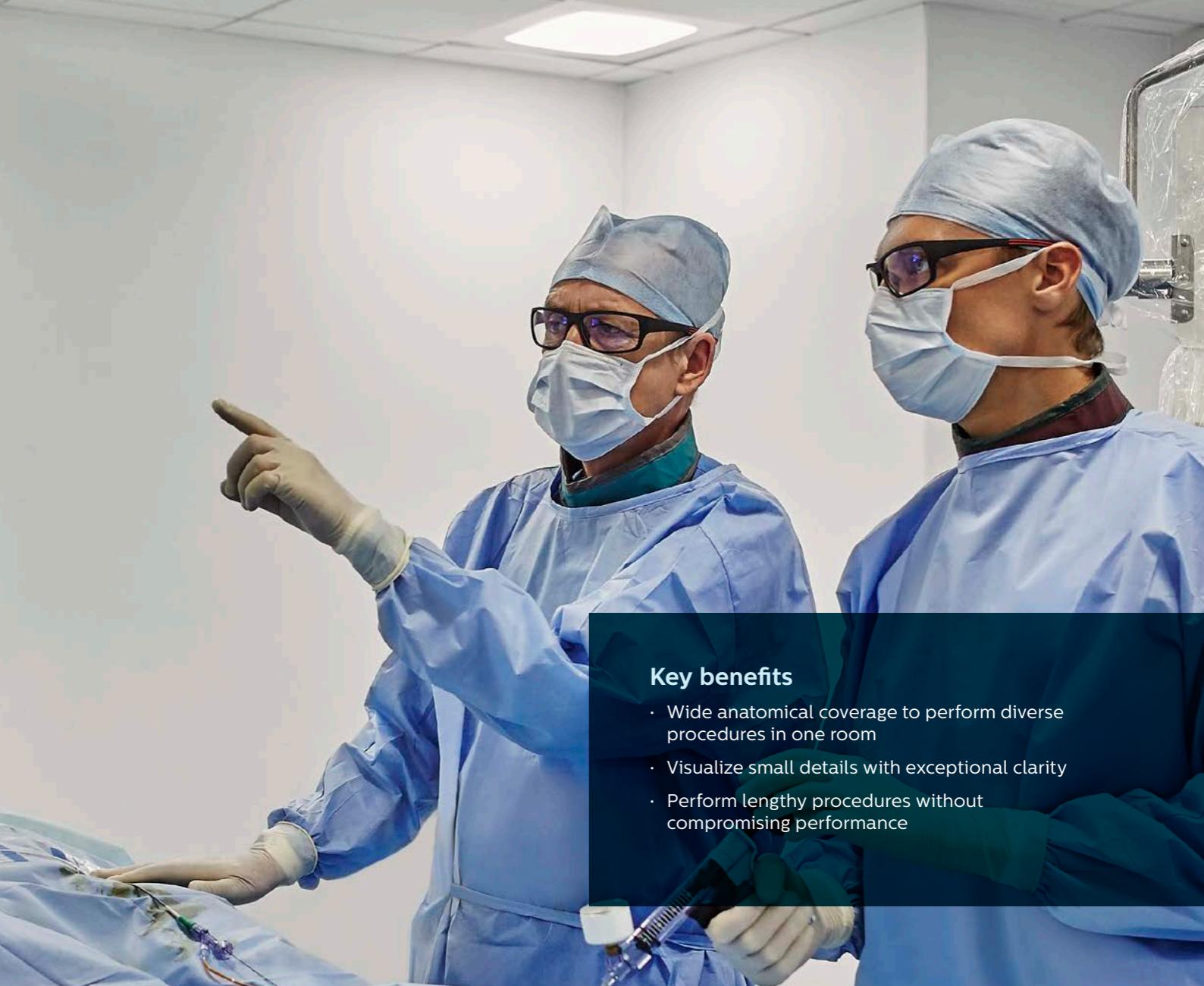


DSA Peripheral



Vascular Iliac stenting

\*Clinical images not acquired with Intuis



## Key benefits

- Wide anatomical coverage to perform diverse procedures in one room
- Visualize small details with exceptional clarity
- Perform lengthy procedures without compromising performance

## Clinical versatility

The Philips Intuis allows you to perform a wide variety of diagnostics and interventions, including cardiac, vascular, EP procedures, ICD implants, and non-vascular interventions. The three-side positioning flexibility of the movable C-arm stand combined with a mobile table adds to its clinical versatility.

## Cardiac procedures

Perform lengthy cardiac procedures with no compromise in performance and view dynamic coronary images with ease thanks to the system's high-power, high frame-rate capabilities. You can make steeper clinical projections to image challenging anatomy with the iso-centric C-arm. Carry out evidence-based decision making by adding the optional Quantitative Coronary Analysis (QCA) tool. You can even see beyond coronary arteries with the 15-inch detector.

## EP procedures

The requirements of lengthy electrophysiology (EP) procedures are well understood by Philips. The Intuis provides the low dose fluoroscopy option to manage overall dose during these procedures. Delays during procedures are reduced thanks to the high performance tube with heat exchanger.

## Vascular procedures

Perform vascular procedures smoothly and consistently with the system's low frame-rate acquisition and motorized collimation. Use the Roadmap acquisition mode to get high quality images and help lower patient X-ray dose. The Digital Subtraction Angiography (DSA) feature also allows you to subtract bone information to obtain excellent information about vasculature.

# Better user experience

to promote consistency and efficiency

## Position patients and equipment with greater ease

To help save time and space in your procedure room, Intuis is designed to adapt to a variety of procedures and patients. This allows staff to move patients and peripheral equipment quickly and smoothly through the room for an efficient clinical workflow.



## Comfortably handle large and fragile patients

The high capacity table can easily accommodate larger patients. Its free floating table top is designed to meet the requirements of cardiovascular procedures. Discover easy transfers for fragile patients with the low height setting. The table is mounted on wheels so it can be easily moved into position.

## Reduce re-positioning with head-to-toe coverage

Perform vascular interventions, such as peripheral run-offs, without having to move the patient thanks to the head-to-toe coverage provided by the mobile table and flexible C-arm positioning. This, coupled with the system's three-side positioning, provides flexibility for staff and equipment and allows patient access from all sides.

## Streamline your workflow

The floor-mounted Intuis can be ergonomically positioned to facilitate staff comfort during lengthy procedures. For instance, during cardiac procedures the C-arm can be moved quickly into position and clinicians can perform steep cranial projections while standing at the side of the table. There is ample room for administering anesthesia at the head-end of the table, helping you enhance patient safety and work unhindered throughout the procedure.

## Work flexibly and intuitively

Intuis is designed for ease and efficiency. All buttons are logically placed and menus are kept to a minimum on Philips graphical user interface and intuitive tableside controls. Thanks to the Philips Monitor



Ceiling Suspension, you can easily integrate monitors into the procedure room without cluttering the floor. Monitors can be freely rotated and positioned in a concave set-up at a comfortable viewing angle.

## Easily distribute images and information

Quickly export clinical images to third party PACS via the DICOM image Interface. Images are available for review, consultation and teaching purposes. DICOM interoperability is supported, meaning you can export dose-relevant parameters and settings to a DICOM database (PACS). Software can be used to analyze the Structured Dose Report to help your facility manage X-ray dose.

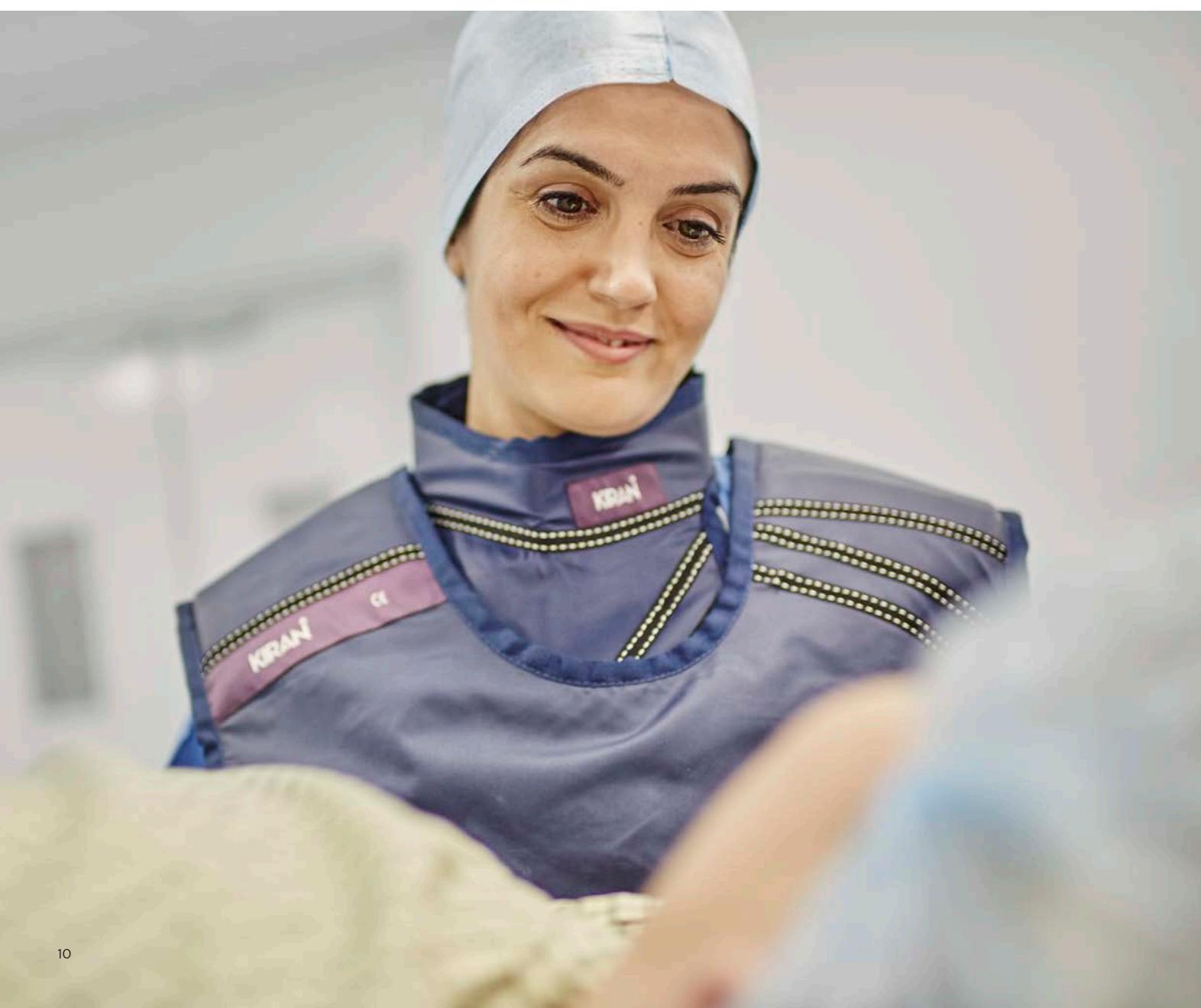
**Our Intuis is tailored to suit your needs. You choose the system configuration that best suits your clinical specialties:**

- Movable C-arm stand for flexible positioning during vascular interventions and pacemaker implants
- Fixed C-arm stand for dedicated cardiovascular work
- Procedure room monitors on either a ceiling suspension or movable trolley

# Lower barriers

## for minimally invasive interventions

Our longstanding commitment to reducing dose is expressed in our DoseWise philosophy. DoseWise is a set of techniques, programs, and practices that supports excellent image quality, while protecting people in X-ray environments. It's a philosophy that drives Philips to develop innovative new strategies for managing dose.



### Putting people first

A number of exclusive Philips features are designed to protect patients and medical staff during X-ray procedures. Philips exclusive BodyGuard patient protection mechanism uses capacitative sensing to enhance safety. It senses the location of the patient in relation to the C-arm to prevent the C-arm from coming into contact with the patient or operator.

To reduce X-ray dose, Philips SpectraBeam technology filters out soft radiation at the X-ray tube level. Pulsed fluoroscopy further reduces X-ray dose by enabling very low pulse frequencies. Low dose fluoroscopy settings are also available at any time during procedures, allowing clinicians to efficiently manage X-ray dose.

### Enhancing dose awareness

The DoseAware\* option is an innovative solution that helps you manage your exposure to scatter radiation. A colored display in the examination room helps you easily check your exposure level with one glance, so you can immediately adjust your working habits to minimize exposure. A personal dose meter helps you track when and where dose was acquired, meaning you can take appropriate action during a procedure. Add the Dose Manager option to print or e-mail a full radiation dose report at the touch of a button.



"DoseAware is one of the most important tools available to help reduce occupational medical radiation exposure to physicians and staff. It's a much easier and practical way to monitor levels than conventional methods. Creating a better work environment is not only the right thing to do but our obligation."

**J. Kiah, MS, RN** Lab Manager, Director Cardiac and Vascular Services Baptist Cardiac & Vascular Institute, Miami, USA



**Intuis is not yet CE marked and not yet available for delivery.**

**This material is not for distribution in the USA.**

**Availability in other countries subject to local approvals, please contact your local representative.**

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