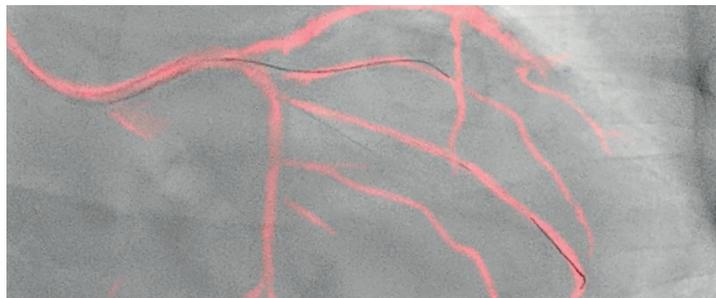




# Azurion - Legacy of continuous innovation Maximize clinical and economic value with DCR

Philips Dynamic Coronary Roadmap (DCR) is an exclusive imaging technology of Philips. Integrated into the Azurion Image Guided Therapy System, DCR provides a dynamic, motion-compensated, real-time view of the coronary arteries, overlaid on a 2D fluoroscopic image with a highlighted coronary angiogram. With Philips DCR, we offer an ultra-low dose contrast approach to Percutaneous Coronary Intervention (PCI) procedures, empowering better care for more people.



## How Dynamic Coronary Roadmap helps you

- Real-time, automatic, motion-compensated coronary imaging
- Re-use previously acquired roadmaps for greater efficiency
- Reduce contrast volume during PCI by 28.8%<sup>1</sup>
- Reduce angiogram runs by 26.3%<sup>1</sup>
- Simplified CTO procedure guidance

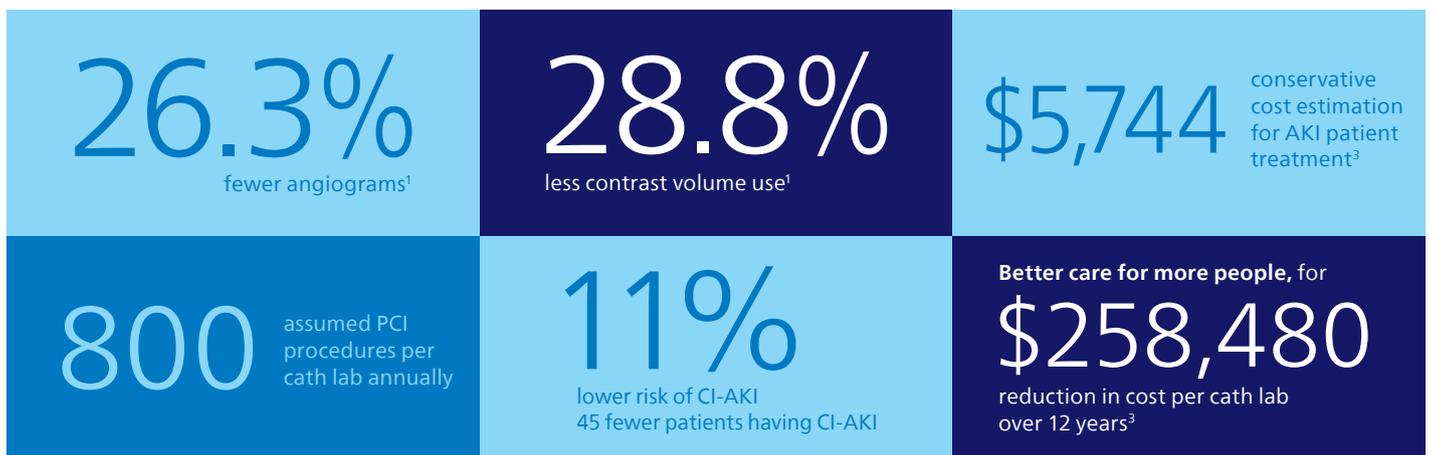


## Calculate hospital-specific clinical and economic value with Philips Dynamic Coronary Roadmap

The Philips Health Economic Value Calculator demonstrates the potential health and cost impact for your hospital, following the utilization of DCR in patients undergoing PCI.

### Health Economic Value Calculator DCR

Example budget modeling report for a hospital performing 800 PCIs annually per Cath lab<sup>2</sup>



1. Hennessey B. et al. Dynamic Coronary Roadmap versus standard angiography for percutaneous coronary intervention: the randomised, multicentre DCR4Contrast trial. EuroIntervention, 2024; 20:e198-e206  
 2. Health Economic Value Calculator DCR: Budget modeling report. Calculation example for a hospital performing 800 PCI procedures annually per cath lab.  
 3. Based on a conservative estimate of ward bed day cost. Does not included other costs such as renal replacement therapy.

# With Azurion, performance and superior care become one

Launched in 2017, the Azurion System currently treats over 6.4 million patients per year in more than 80 countries. Today, our industry-leading Azurion Image Guided Therapy (IGT) System continues to deliver better care for more people. With high-quality imaging at low radiation dose, Azurion combines advanced imaging with features that support your most complex and challenging procedures, enabling you to treat more patients with accuracy, confidence, and ease.



Provide superior care



Optimize lab performance



Outstanding user experience

## High quality imaging at low X-ray dose and greater efficiency



### Superior image quality at ultra-low dose levels <sup>1</sup>

Unlock superb visualization and significant dose reduction with ClarityIQ. Clinically proven<sup>1</sup>, this technology combines advanced, real-time image processing algorithms with the latest hardware.

### Unlimited imaging flexibility <sup>2</sup>

Azurion's advanced system geometry enhances staff comfort and patient accessibility while providing exceptional imaging capabilities.<sup>2</sup> FlexArm technology offers complete freedom of movement and optimal positioning during procedures.

### Full control at tableside to enhance decision-making <sup>3 4</sup>

Improve workflow by controlling all compatible applications from the interventional lab via the Control module, Touchscreen module Pro, and FlexVision Pro. This also saves time and helps avoid delays by reducing the need to leave the sterile area during procedures.

### Integrated imaging clinical tools for efficient workflow <sup>5 6</sup>

Increased efficiency<sup>3</sup> with the unique integration of imaging system and rich clinical tools such as VesselNavigator and Dynamic Coronary Roadmap.

### Standardized set-up and operation <sup>7 8</sup>

ProcedureCards increase exam consistency via presets e.g. most-frequently used, default, and user-specified settings, at the procedure, physician or department level. FlexSpot gives seamless access to all applications at one workstation.

### Keep your system up-to-date with Technology Maximizer <sup>9</sup>

Technology Maximizer Essential keeps your Azurion System's latest release up-to-date with support and upgrades for a full 5 years from installation.<sup>4</sup>

93%  
of users say  
they're more  
efficient.<sup>5</sup>

17%  
reduction in  
procedure time  
using Azurion.<sup>3</sup>

67%  
dose reduction in  
routine coronary  
procedures.<sup>6,7</sup>



1. <https://www.usa.philips.com/healthcare/technology/clarityiq>  
2. Study conducted in 2017/2018 at Miami Cardiac & Vascular Institute (MCVI), involving a total of 200 interventional cardiology, interventional radiology and vascular surgery procedures. Results are specific to the institution where they were obtained and may not reflect the results achievable at other institutions.  
3. Philips whitepaper 12nc 4522 991 30501; Reduction of procedure time by 17% with Philips Azurion in independently verified study: <https://www.philips.com.sg/healthcare/casestudy/philips-azurion-lab-performance-study>. Results are specific to the institution where they were obtained and may not reflect the results achievable at other institutions.  
4. Eligible systems: Azurion R3 or later systems released.  
5. Evaluated with clinical users in a simulated lab environment. Users believe Azurion can help them make more efficient use of their time spent in the lab  
6. Buytaert, D., et al., Evaluation of patient and staff exposure with state of the art X-ray technology in cardiac catheterization: A randomized controlled trial. *Journal of Interventional Cardiology*, 2018. 31(6): p. 807-814  
7. Results based on total dose area product (DAP, 95% CI of 53%, 77% for all diagnostic and interventional coronary procedures). The results of the application of dose reduction techniques will vary depending on the clinical task, patient size, anatomical location and clinical practice. The interventional cardiologist assisted by a physicist as necessary has to determine the appropriate settings for each specific clinical task.