

A large monitor displays the Philips Azurion Image Guided Therapy (IGT) software interface. The screen is divided into several panels: a large central panel showing a 3D reconstruction of a blood vessel, a top right panel showing a 2D X-ray image, and a bottom right panel with multiple smaller images and data readouts. A hand is visible in the foreground, pointing at the screen. The Philips logo and 'Azurion Image Guided Therapy' text are overlaid on the left side of the screen.

PHILIPS

Azurion

Image Guided Therapy

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The Philips Azurion platform allows you to have an incredible amount of information at your fingertips, tableside.

**Constantino Peña, M.D. – Interventional radiologist,
Miami Cardiac & Vascular Institute**

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Who/where

Miami Cardiac & Vascular Institute, US

Challenge

Interventional physicians have to interrupt clinical procedures to access other diagnostic information or take measurements in the interventional suite. The Institute's physicians wanted to make fast and accurate diagnostic decisions with all of the necessary clinical tools and information at their fingertips, without interruption.

Solution

Philips Azurion Image Guided Therapy (IGT)

Advancing minimally invasive procedures

US hospitals and health systems are increasingly faced with the challenge of managing their costs while improving their standards of care amid rising occurrences of chronic disease and an aging population. Integrated, patient-centric care requires technologies that can improve workflow and enable fast diagnostic decisions in the interventional suite.

Miami Cardiac & Vascular Institute in Miami, Florida committed to increasing workflow speed and supporting clinical decisions by using Philips Azurion, an image guided therapy platform that allows clinicians to easily and confidently perform procedures with a unique user experience that helps them to optimize lab performance and provide superior care.



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 In many ways,
 these tools have the
 potential to reduce
 time by making the
 operator more efficient
 and allowing him to
 accomplish his task
 more efficiently. ”

**Barry T. Katzen, M.D. –
 Founder and Chief Medical Executive,
 Miami Cardiac & Vascular Institute**

Miami Cardiac & Vascular Institute is the largest and most comprehensive cardiovascular facility in the region, consisting of 76 doctors and 1,100 employees system-wide, serving 125,000 patients every year. The team of multidisciplinary specialists has pioneered the development of many minimally invasive techniques.

The solution

Miami Cardiac & Vascular Institute chose to integrate the latest interventional suite technology — Philips Azurion image-guided therapy platform.

At the same time, Miami Cardiac & Vascular Institute is developing procedures for advanced therapies involving heart valves, hypertension, and even rare vascular or congenital malformations. Over recent years the Institute has seen the level of acuity rising, with 40–50% of its patients admitted now coming through the emergency department.

Enhancing lab efficiency

In 2017 Miami Cardiac & Vascular Institute expanded its state-of-the-art facility

to include the creation of several new, specialized programs bringing together multidisciplinary teams of specialists. This included the first North American installation of Philips Azurion, an image-guided therapy platform that allows the clinician to easily and confidently perform procedures, with a unique user experience, that helps them to optimize lab performance and provide superior care. Integrated, patient-centric care requires technologies that can improve workflows, enable fast diagnostic decisions and facilitate treatment and diagnostic tasks.

Constantino Peña, M.D., interventional radiologist at Miami Cardiac & Vascular Institute says: “The Philips Azurion platform allows you to have an incredible amount of information at your fingertips, tableside. By having that available while you are doing a procedure, it really eliminates a lot of the barriers and allows you to use all the information.”

Ease of operation

“One of the great benefits of the new Azurion system is that it’s very simple to operate,” said Barry T. Katzen, M.D., Chief Medical Executive and founder of the Institute. “It’s really a seamless interaction between the operator and the technology. The operator has multiple sources of data, multiple sources of input, and can use each and every one of those inputs to benefit the patient.”

“We can collect data from virtually all aspects of the procedure, potentially reducing time, making the clinical procedure more efficient and allowing physicians to accomplish tasks more efficiently,” says Dr. Katzen.

Azurion efficiency features:



FlexVision Pro



Table-side Module Pro



FlexSpot

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