



PHILIPS

Innovation

Azurion

A new standard of care in image-guided therapy

Philips Azurion is an image-guided therapy platform that allows physicians to provide superior care, easily and confidently perform procedures, whilst optimizing lab productivity

Needs

As demand increases for image-guided therapy, there is a need for:

- Hospitals and clinics to have more efficient models of care
- Standardized, easy to use settings and dose management
- Procedures to take less time so more patients can be diagnosed and treated

Solution

Philips Azurion is an image-guided therapy platform that can be used to diagnose and treat patients in hospitals or specialist clinics, supporting diagnostic, interventional and minimally invasive surgery across vascular, non-vascular, cardiovascular and neuro procedures.

Benefits

- Enables clinicians to provide superior care in the interventional lab
- High productivity combined with low cost of ownership
- Future-ready and easy to extend with additional functionality

Faced with a growing demand for image-guided therapy and increasingly complex procedures, hospitals and clinics are looking for ways to treat more patients in less time without compromising quality of care.

Developed in close collaboration with leading hospitals, Philips Azurion is an image-guided therapy platform that is designed to provide clinicians the control and information they need to perform procedures efficiently while delivering superior care for patients.

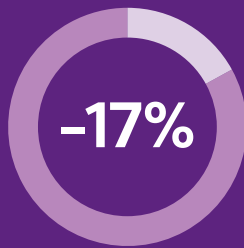
An independently verified study at St. Antonius Hospital in The Netherlands shows that Philips Azurion enabled a 17% reduction in procedure times, a 12% reduction of in-lab patient preparation time, and a 28% reduction of postprocedure lab time — allowing them to treat 1 more patient per day¹.

Key results

Philips Azurion enabled St. Antonius Hospital in the Netherlands to achieve¹:



reduction in patient preparation time



reduction in procedure time



reduction in planned cases finished late



reduction in post-procedure lab time

The rise of image-guided therapies

As healthcare systems around the world are facing rising patient volumes and increasing cost pressures, the number and complexity of image-guided therapy procedures is growing.

Image-guided therapies, also known as minimally invasive therapies or interventions, are usually performed by delivering a local treatment via catheters, navigated through a small opening in the blood vessels, or needles through the skin. Medical imaging technologies involving X-rays, ultrasound, CT and MRI are used to enable and guide these procedures. The images produced provide the visual maps that allow the clinician to guide these instruments through the body to perform the therapy.

The ongoing growth of image-guided therapy procedures is being driven by the significant benefits it offers healthcare systems and patients. Those benefits include:

- Enhanced procedural outcome²
- Reduced patient risk²
- Shorter recovery times and hospital stays²
- Lower health system costs²

Supporting a wide range of procedures

Philips has been pioneering the use of minimally invasive therapies for 60 years. Developed in close collaboration with our clinical partners, Azurion is an image-guided therapy platform that supports a wide range of procedures – from PCI (percutaneous coronary intervention) procedures to complex vascular perfusion exams.

Harnessing procedural information from various sources, such as imaging systems, interventional devices, navigation tools, and patient health records, Azurion is designed to anticipate what clinicians need, when they need it – to make procedures flow intuitively and easily. Azurion enables clinicians to provide superior care through pre-programmed, personalized settings to help minimize preparation errors, and features high quality imaging at low radiation exposure. The platform delivers an intuitive user experience that empowers clinicians to move quickly and confidently through procedures. Clinicians have instant access to patient data, resulting in less walking between the exam room and the control room – which can reduce the need for sterility breaks³ and lower infection risks⁴.

Philips consultants can help to make further gains in the efficiency and quality of the care delivery process, based on data and workflow analysis.

Reducing preparation and procedure times

St. Antonius Hospital in the Netherlands participated in a two-year study into the impact of Philips Azurion and its clinical workflow on their interventional vascular department. The independently verified study shows that clinicians' use of Azurion led to significant time savings, including a 17% reduction of the average interventional procedure time, a 12% reduction of in-lab patient preparation time, and a 28% reduction of post-procedure lab time. This allows St. Antonius Hospital to treat one more patient per day, to help hundreds more patients each year.¹

Learn more



- [About Philips Azurion](#)
- [Customer case study: St. Antonius Hospital, the Netherlands](#)

1. Results are specific to the institution where they are obtained and may not reflect the results achievable at other institutions.
2. Helmberger T, Martí-Bonmati L, Pereira P, et al. Insights Imaging. 2013;4:1–7
3. Mangram AJ, Horan TC, Pearson ML, et al. The Hospital Infection Control Practices Advisory Committee. Guideline for Prevention of Surgical Site Infection, Am J Infect Control.1999;27:97–134
4. Alexander JW, Solomkin JS, Edwards MJ. Updated Recommendations for Control of Surgical Site Infections. Annals of Surgery. 2011;253(6):1082–93

