Azurion - Legacy of continuous innovation

Philips Azurion Neuro Biplane wins iF Gold Award

The gold award-winning Philips Azurion Image Guided Therapy Neuro Biplane is our most flexible system ever. Designed for superior patient care, optimized suite performance, and greater efficiency, Azurion enhances real-time 2D/3D imaging and X-ray flexibility to improve stroke and neurovascular procedures. The flexible system geometry enables full body coverage making it ideal for a shared lab environment to optimize room utilization. Azurion gives you the precision you need to help provide better care for more people.

iF Gold Award 2025 winner
Azurion Neuro Biplane

"This is human-centered design at its best. The holistic user experience across different touchpoints is clearly the result of long and careful consideration."

iF Gold statement

The iF Design Awards is one of the most prestigious design competitions in the world. Selected as an outstanding design from almost 11,000 entries, the Azurion Neuro Biplane won the iF Gold Award 2025 for its holistic user experience. The award is a powerful recognition of the relentless dedication and innovative spirit of everyone involved in designing the Azurion Biplane system.[1]

Featured innovations:

Secure and fast parking
Secure and fast parking of the lateral gantry enables seamless 2D/3D image switching.

Full-body coverage
The system's geometry combines speed and sophistication for full-body coverage making it ideal for space optimization.

Easy patient-oriented image capture
Image beam rotation provides patient-oriented images from every angulation and rotation, eliminating the need to pivot or reposition the patient.

Head-to-toe access
Positioning the frontal arc at 135° ensures optimal head-to-toe access and accommodates ideal positioning for neurovascular procedures.

Azurion R3.0 is not yet cleared in all markets. Please consult with your local representative for more detailed information.
1. https://ifdesign.com/en/winner-ranking/project/philips-azurion-neuro-biplane/679615

With Azurion,
performance and superior care become one

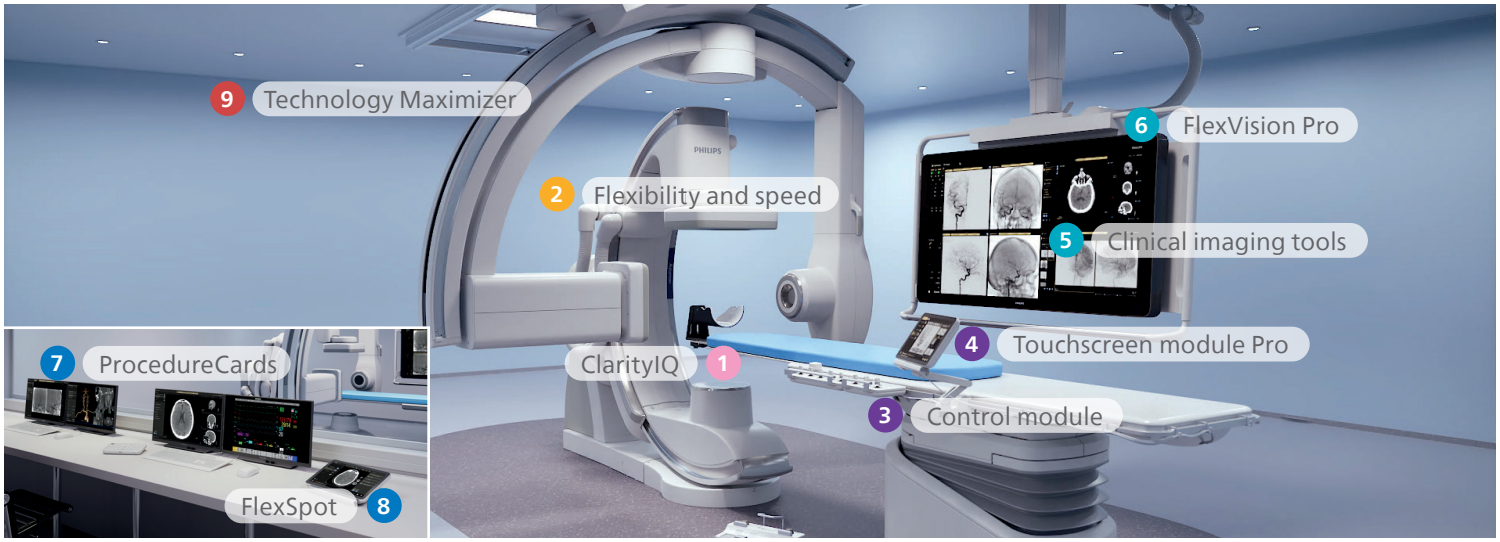
Launched in 2017, the Azurion System currently treats over 6.4 million patients per year in more than 80 countries. Today, our industry-leading Azurion Image Guided Therapy (IGT) System continues to deliver better care for more people. With high-quality imaging at low radiation dose, Azurion combines 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 1
Unlock superb visualization and significant dose reduction with ClarityIQ. Clinically proven[1], this technology combines advanced, real-time image processing algorithms with the latest hardware.

Unlimited imaging flexibility 2
The flexible biplane geometry, with -135° to 90° positioning of the frontal arc, enables head-to-toe coverage. Secure and fast parking of the lateral gantry allows for a seamless switch between 2D and 3D image acquisition. Image beam rotation assures patient-orientated images from every angulation and rotation.

Full control at tableside to enhance decision-making 3 4
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 5 6
Increased efficiency[4] with the unique integration of imaging system and rich clinical tools, such as Philips SmartCT, making it easy to adopt 3D imaging in the lab for precise diagnosis and treatment.

Standardized set-up and operation 7 8
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 workspot.

Keep your system up-to-date with Technology Maximizer 9
Technology Maximizer Essential keeps your Azurion System's latest release up-to-date with support and upgrades for a full 5 years from installation.[2]

93% of users say they're more efficient.[3]

17% reduction in procedure time using Azurion.[4]

65% dose reduction in routine neuro endovascular proceduces.[5]

1. https://www.usa.philips.com/healthcare/technology/clarityiq
2. Eligible systems: Azurion R3 or later systems released.
3. 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
4. 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/case-study/ 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.
5. Söderman, M., et al., Radiation dose in neuro angiography using image noise reduction technology: a population study based on 614 patients. Neuroradiology, 2013. 55(11): p. 1365-1372

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