AXIOM Artis dFA
The floor-mounted flat detector system for universal angiography
AXIOM Artis dFA
The versatile floor-mounted solution for angiography

Image Quality
Experience advanced flat detector image quality – truly digital, from acquisition through processing to visualization

Ease of Use
Enjoy efficient and intuitive system handling, improving workflow for all of your diagnostic and therapeutic needs

Care
Rely on sophisticated technology for intelligent radiation reduction solutions

Connectivity
Access the information you want – virtually anytime, anywhere with DICOM and syngo®

The AXIOM Artis dFA defines floor-mounted versatility with application-specific positioning. The AXIOM Artis dFA intelligently integrates flat detector technology, advanced imaging solutions and workflow orientated system handling to provide a new level of imaging performance and diagnostic confidence. AXIOM Artis dFA – delivering you Proven Outcomes and tangible results for your diagnostic and interventional procedures by integrating medical technology, IT and services.

“...The rotating 30 x 40 detector improves patient access and increases system flexibility.”

Dr. Alex Berenstein, Roosevelt Hospital, New York, USA
Artis dFA
Experience Siemens advanced flat detector technology

Featuring digital acquisition of up to 30 fps and a 14-bit grayscale resolution, AXIOM Artis dFA imaging capabilities are of the first order in healthcare. AXIOM Artis dFA allows you to perform completely new imaging applications that transcend conventional functions – applications such as syngo DynaCT*, syngo iPilot* and 2K imaging*.

Convenient imaging applications
AXIOM Artis dFA operating modes include such convenient image-enhancing functions as auto windowing and auto pixelshift, available both in the DSA and roadmap views. DYNAVISION* permits spatial reproductions of images through DSA rotational angiography with angle triggering. With Roadmap Plus*, subtracted and native roadmap fluoroscopy images can be simultaneously displayed. Retrospective fluoroscopy sequences can also be stored* and documented.

* Option Collimator cover available for greater source-skin distance according to 21 CFR
The AXIOM Artis dFA with its rotating flat detector delivers an optimum level of patient access together with superb anatomical coverage. Controlled at both the tablesid and the detector housing itself, the rotation allows operation in landscape or portrait mode as well as any angle in between, ideal for arm angiograms, while maintaining a heads-up display on the monitor. Expanding this flexibility, the C-arm can be used in a patient head or peripheral position, enabling extended anatomical coverage. A truly versatile angiography system.

Everything at your fingertips.
Experience the tablesid touchscreen console that enables any system operation, be it pre-examination, examination, postprocessing or quantification. Enjoy the flexibility of modular system controls that provide freedom within the room, and together with Voice Control** and the Wireless Footswitch**, ensure the patient remains the focus during the procedure.

Advanced system flexibility with MULTISPACE.F
MULTISPACE.F* allows for additional examination positions. Stand rotation enables free positioning of the C-arm and table relative to one another.

syngo – a common user interface
As with all Artis systems, AXIOM Artis dFA utilizes syngo, the comprehensive software solution for all imaging tasks and applications. Serving as an intuitive user interface for all participating workstations, syngo enables you to access, display, postprocess, network and store images, regardless of the modality. Featuring easy-to-learn operating principles, syngo also greatly reduces staff training time.

* Option
** not available in all countries
The head monitor of the suspension display provides you with continuous angulation, table position and dose rate updates.

The syngo-based patient browser allows you to conveniently select and access image series.
CARE – intelligent radiation reduction solutions

AXIOM Artis dFA is equipped with CARE, Siemens’ future-oriented approach designed to reduce unnecessary radiation dose to the patient and medical staff.

CAREVISION* – variable fluoro frame rates
Offering you reduced pulse rates of between 0.5 and 7.5 frames per second, CAREVISION* allows you to adjust the pulsed fluoroscopy as needed for each individual application – particularly during interventions.

CAREFILTER – filter size adjustment
CAREFILTER, an adaptive Cu prefiltration function with variable filtration levels, enables adjustment of skin dose values for each individual patient’s anatomy – without compromising image quality.

CAREPROFILE – radiation-free collimator and image filter adjustment
Using the last image hold (LIH) as a reference, CAREPROFILE allows for radiation-free collimation and semitransparent filter parameter setting, precisely targeting the region of interest.

CAREWATCH – comprehensive dose monitoring
Providing a continuous overview of dose values, CAREWATCH offers you comprehensive, real-time updates of all relevant dose levels on the imaging system’s suspension display. Furthermore, all dose values of the examination are automatically documented in the examination protocol.

* Option
The integrated DICOM networking technology of AXIOM Artis dFA merges seamlessly into your clinic’s IT landscape (e.g. HIS/RIS, PACS), thereby greatly expanding and facilitating your interdepartmental image data flow capabilities. Access the information you want – virtually anytime, anywhere with DICOM and syngo.

**Fully DICOM**
Fully DICOM-compliant, including Print, Get Worklist*, MPPS*, Storage Commitment, Query/Retrieve and Send, AXIOM Artis dFA offers you all of the advantages of a common image and data platform.

**syngo Workplaces* – multimodality viewing and postprocessing**
With the integrated syngo MultiModality Workplace* and syngo X Workplace, AXIOM Artis dFA offers you a variety of advanced image-viewing and postprocessing capabilities. Whether to organize and archive data to meet your individual needs, display different modalities such as CT, MRI and angio, or to visualize high-resolution reconstructions such as syngo InSpace 3D, the syngo MultiModality Workplace* greatly contributes to facilitating the overall procedural flow.

**syngo. It’s all about you.**
syngo, our unique solution for the diagnostic and therapeutic cycles, knows how you work. What you need. What’s most important. Fast, easy, and intuitive, syngo brings together all of the solutions critical to you – and your patients. Uniquely role-based for your workflow, syngo completely integrates your day, your department and beyond. Leading to a whole new level of clinical excellence. And a partnership you can grow with. It’s the beginning of a virtualized, “always on, anywhere” world of healthcare. The time to syngo is now.

* Option

Together with the integrated syngo Workplaces*, AXIOM Artis dFA provides you with a variety of image-viewing and postprocessing options.

With its full DICOM support, including Get Worklist and a virtual filmsheet, AXIOM Artis dFA offers you all of the advantages of a common image and data platform.
“Your Guardian Program is a real winner.”
Dr. Charles Strother, Baylor College of Medicine, Houston, USA

“The in-room display and operating system allow us to process and analyze 3D angiography without the need to break sterility or leave tableside.”
Dr. John Barr, Baptist Memorial Hospital, Memphis, USA
“The increased image quality is particularly valuable for displaying very small vessels.”

Dr. Friedhelm Brassel, Wedau Clinic, Duisburg, Germany
The continuous development of your skills, productivity, and technology is what **Life** is all about.

Life is the unique customer care solution that helps you get the most from your investment. From the moment of your purchase, Life surrounds you with an array of programs and support that enables the continuous development of your skills, productivity and technology. Allowing you to broaden your capabilities. Increase profitability. And take patient care to the next level.

*Results may vary. Data on file.*
We see a way to improve soft tissue visualization by as much as 50% with high frame rates.

Proven Outcomes. This is what Siemens is helping to deliver right now. Outcomes that result from truly efficient workflow. Outcomes that improve your bottom line. Outcomes that lead to a level of care that feels exceptional to the patient and the care provider. Proof positive of the value of integrating medical technology, IT, management consulting and services. In a way that only Siemens can.
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