

Cios Spin

New perspectives. Full control.

Cutting-edge mobile 3D imaging for
intraoperative quality assurance.

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SIEMENS
Healthineers 



New perspectives. Full control.

Conventional 2D imaging may not always provide enough information to safeguard correct placement of screws and implants in demanding procedures. Intraoperative 3D imaging can therefore be an important factor in avoiding postoperative complications and improving surgical outcomes. It is, however, often not considered for clinical routine when it is too cumbersome or causes delays in the workflow.

To provide outstanding 3D capabilities that can be seamlessly integrated into clinical routine, we developed Cios Spin®: a mobile 2D and 3D C-arm that delivers precise 3D images for intraoperative quality assurance. It features dedicated 3D technologies allowing you to confirm your planned results and is easy to learn, easy to use, and easy to integrate in your surgical routine.

Cios Spin provides you with new insights and perspectives that give you more certainty in surgical routine—and full control over your procedures. As a smart solution for modern healthcare businesses, it can help you improve outcomes, reduce operational costs and risks, work efficiently, and increase your institution's reputation.

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At a glance

Learn how the dedicated 3D and 2D technologies of Cios Spin can give you more certainty in clinical routine—and full control over your procedures.

Retina 3D

Precise 3D visualization of finest structures in exceptional image quality lets you confidently see and evaluate anatomical structures, implants, screws, and devices.

High Power 3D

High image quality in obese patients and dense anatomy requires high penetration capability. Cios Spin comes with 25 kW power* and a unique energy storage unit* that triples the power when needed.

NaviLink 3D*

NaviLink 3D is a digital interface to connect with certified navigation systems. It automatically transfers 3D datasets to the navigation systems for combined use of image-guided and navigated surgery.

Easy 3D

Intuitive step-by-step guidance, quick scan times, and self-explanatory 3D visualization functions make Cios Spin a quick and easy solution that improves 3D workflow efficiency.

Screw Scout*

Screw Scout automatically localizes screws and prepares the optimal view of any screw in the 3D dataset. You can instantly start screw assessment right on the precise image data—and safeguard 3D workflow efficiency.





Wide-space C-arm

Obese patients and large anatomy require space, and safely maneuvering the C-arm around is key for efficient 3D. With 93 cm (36.6") tube-detector distance, this wide-space C-arm offers sufficient room even in space-consuming setups.

Target Pointer*

Target Pointer delivers a trajectory that helps surgeons to optimally position k-wires or other devices and ultimately save time.

Enhance cost effectiveness

Enhance cost effectiveness thanks to 3D technology that helps you avoid revision surgery, save post-OP diagnostics, shorten hospital stays, and reduce liability risks.

Infection control

Cios Spin is designed to support your infection control measures. Anti-microbial surfaces, specially developed hardware, and a comprehensive cleaning concept help you be at the forefront of this important topic.

**Option*



More certainty in demanding cases

Cios Spin enables precise intraoperative quality control based on dedicated 3D technologies. Allowing surgeons to confirm their results, Cios Spin delivers the intraoperative tools to help safeguard optimal surgical outcome.



More efficiency in intraoperative 3D

Cios Spin is built on a concept as smart as plug-and-play. For efficient and uninterrupted surgical workflows, Cios Spin comes with feature packages such as Easy 3D: easy to learn, easy to use, and easy to integrate into your surgical routine.

More cost effectiveness in surgery

The ability to perform intraoperative corrections based on 3D images acquired with Cios Spin can help you avoid subsequent costs. Whether it is, for example, by reducing complication rates, postoperative CT scans, or patients' duration of stay, intraoperative 3D with Cios Spin can positively impact your department's financial performance—and is an investment that pays off.



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At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all enabled by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 170 years of experience and 18,000 patents globally. With more than 48,000 dedicated colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

The outcomes and statements provided by customers of Siemens Healthineers are unique to each customer's setting. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, and level of service/technology adoption), there can be no guarantee that others will achieve the same results.

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The information in this document contains general technical descriptions of specifications and options as well as standard and optional features, which do not always have to be present in individual cases.

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