

Cios Select with FD

Select smart surgical imaging

siemens-healthineers.com/cios-select-fd



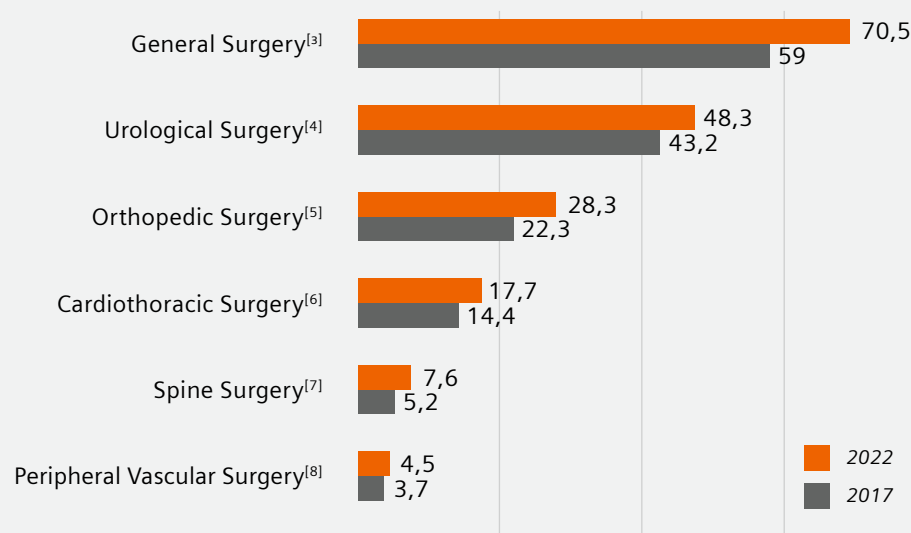
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Prepare for further growth

No matter what country or what type of surgery we focus on, the market for surgical interventions is growing.^[1] But despite this trend, additional 143 million procedures are needed each year.^[2] This calls for smart, affordable solutions.

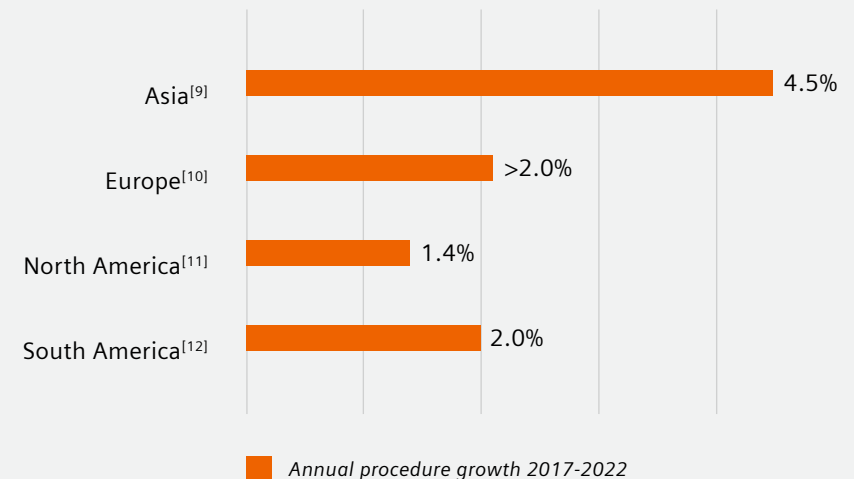
Significantly more procedures*

(Number of procedures in million)



* Status March 1st, 2021

Strong growth worldwide



Select smart surgical imaging

Premium capabilities for surgical routine

As the pressures on healthcare providers increase around the world, doing more with less has become an all-too-familiar requirement. No wonder that a growing number of surgeons is asking for more powerful routine imaging equipment. However, the required technology is currently only accessible in high-end systems.

This is why we've equipped Cios Select with modern flat-detector technology, combining premium capabilities with an economical system design. Advanced cyber security and helpful features like Target Pointer are on board, as well. The result is a system that delivers excellent images, easy handling, and high system availability.

For you, this means access to excellent support in surgical procedures, efficient workflows, and high reliability in multidisciplinary use. Clearly a smart choice for your surgical routine.

Cios Select with FD. Select smart surgical imaging.



Accuracy



Productivity



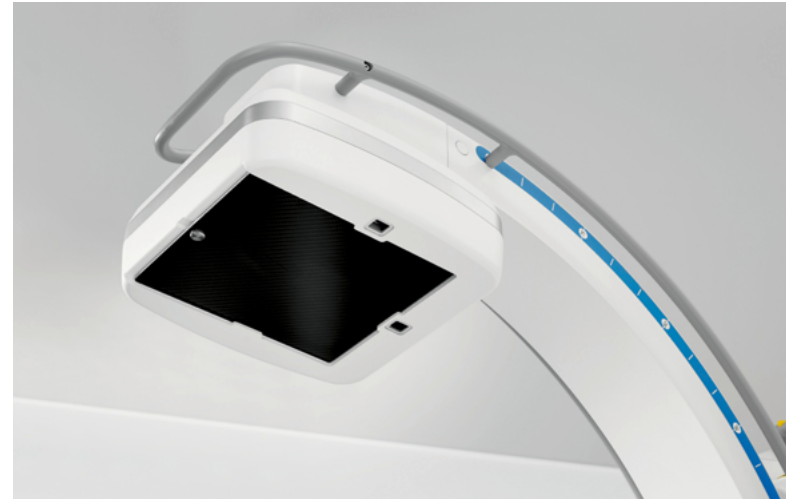
Reliability

Accuracy – See more with Retina FD technology

With the rise of precision medicine, visualization in the OR is more important than ever. If imaging results suffer from limited field of view, low visual resolution, or dose issues, this can negatively affect the surgical outcome.

Cios Select with FD features premium technology and a larger field of view* that lets you improve imaging accuracy. Receive excellent support for your surgical procedures – thanks to flat detector technology as well as automated dose and power adjustment. In addition, a study has shown that the smart new Target Pointer can significantly reduce the number of K-wire placement attempts in the lower leg^[13] for less experienced surgeons.

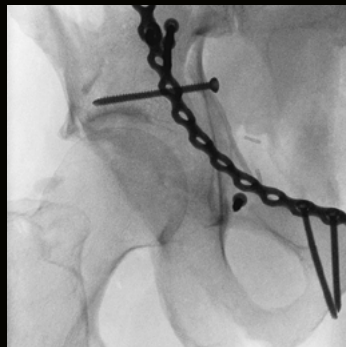
** Compared to mobile C-arms with conventional 23 cm/9 inch image intensifier*



Cios Select with Retina FD for orthopedic and trauma cases



Proximal tibia, a.p.



Pelvis



K-wire insertion assisted by Target Pointer



Elbow

Productivity – Streamline your workflow

Cumbersome imaging equipment can lead to slower operational flow, prolonged OR times, dissatisfied staff, and higher costs. Especially in routine surgery, procedures are expected to be smooth and quick – and efficiency is key.

Cios Select helps you simplify everyday interventions. It lets technicians preview images and operate the system with a smart touch user interface. Experience easy system and patient positioning thanks to the generous C-arm geometry and green lasers, and support high efficiency with a wireless footswitch.



The smart touch user interface includes a feature for previewing acquired images.

Reliability – Profit from proven excellence

In daily routine with high patient load, system downtime is a major setback – and may lead to conflicts in OR scheduling, dissatisfied patients and additional costs. What's more, cyber attackers increasingly exploit security gaps to infiltrate or shut down vulnerable systems.

Cios Select has got you covered: Statistical evaluation of our installed base showed system availability above 99.8%. In-house endurance tests of 441,000 cycles were passed with ease. For even more peace of mind, Cios Select includes advanced cyber security to safeguard data and access: from whitelisting to data encryption, state-of-the-art user management, and more.



At a glance

Cios Select with FD gives you access to premium technology, productive workflows, and high system availability.

Retina FD technology

For 20% more coverage and higher image quality,* and low-dose applications. Intelligent algorithms automatically adjust brightness and contrast, detect motion, enhance edges, and reduce metal artifacts.

CARE technology

Helps surgeons consciously apply the right dose – with the help of exam sets, dose buttons, and collimation.

Target pointer

Extends K-wires and other devices virtually and helps surgeons navigate to the target anatomy.

Smart touch user interface

Preview feature allows technicians to efficiently operate the C-arm without changing their working position.

Compact and lightweight design

With its large immersion depth and generous free space, Cios Select offers up to 25% more space to accommodate patient and table,** making it particularly easy to position and maneuver.



* Compared to mobile C-arms with conventional 23 cm/9 inch image intensifier

** 730 mm immersion depth, 810 mm free space



High-brightness green lasers

For improved visibility on all skin types and blood – despite bright OR lighting.

Cios OpenApps

Choose from compatible, certified apps to let your mobile C-arm best support you during your procedures.

Manufacturing excellence

Expert engineering measures up.

Proven system availability of > 99.8%

is one of our outstanding results.*

Cios Select with FD successfully completed over 441,000 endurance test cycles.

Product safety, cyber security, data privacy

Cios Select comes with advanced features that ensure a high level of safety for sensitive patient data and can decrease the success rate of cyber attacks.

Protection against overheating

Effective heat management and high heat-storage capacity enables 50 minutes of uninterrupted fluoroscopy time at 300 W.

Wireless footswitch

For waterproof, cableless freedom in the OR: more flexible positioning of the footswitch, plus easier cleaning.

** Statistical evaluation of our installed base*



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Siemens Healthineers Headquarters

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen, Germany
Phone: +49 9131 84-0
[siemens.com/healthineers](https://www.siemens.com/healthineers)