



PHILIPS

Spine suite

Perform spine procedures with confidence and precision

Excellent 3D image quality at lower dose

The intraoperative reconstruction images acquired from the CBCT were comparable in terms of quality to postoperative CT images.^{1,3}

Intra-operative guidance and verification

- Live image guidance for spine procedures.²
- High detection rate of screw malposition.¹

Enhanced patient care

Repositioning during surgery eliminated revision surgery.¹

References:

¹ Nevzati E, et al. Validation and accuracy of intraoperative CT scan using the Philips Allura Xper FD20 angiography suite for assessment of spinal instrumentation. British Journal of Neurosurgery. 2017 31:6, 741-6.

² Leschka SC et al. C-arm cone beam computed tomography needle path overlay for image-guided procedures of the spine and pelvis Neuroradiology. 2012 Mar;54(3):215-23

³ Braak and Heesewijk, et al. Effective dose during needle interventions, CBCT guidance compared with conventional CT guidance, J Vasc Interv Radiol 2011; 22:455-461

Disclaimer:

Results from case studies are not predictive of results in other cases. Results in other cases may vary.

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What is Spine suite?

Our Spine suite is a state-of-the-art Hybrid OR that consists of the Azurion image guided therapy platform, spine products, workflow options, accessories, education, and services.

Who is it for?

Spine suite provides image guidance for open and minimally invasive spine procedures to treat patients in hospitals or specialist clinics.

For more information about Spine suite, please visit www.philips.com/spinesuite or send an e-mail to spine-inquiries@philips.com



“When you are using this kind of system, you have the possibility to check your results immediately and then you have the possibility to correct that in the OR”

Dr. A Elmi-Terander, MD, PhD. Senior Consultant Neurosurgery, Karolinska University Hospital, Stockholm, Sweden



“The Azurion has a large-area Flat Detector that provides exceptional 2D and 3D visualizations of complex spinal structures – providing far higher image quality than an image intensifier system – to enhance confidence, decision making and precision during spinal surgery”

Prof. Dr. A Seekamp, MD, Director of the Orthopedic and Emergency Surgery Clinic, University Clinic Schleswig-Holstein campus, Kiel, Germany



“The flexibility of the system makes it easy for us to use this modern technology also for the disciplines like trauma- and neuro-surgery in a profitable way. Especially for spine surgery we have great satisfaction among our surgeons. All in all the system has been very well integrated at our hospital”

Dr. J Giese, Head of OR management, University Clinic Schleswig-Holstein campus, Kiel, Germany



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