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Reference

Innovative digital image management solution

in the orthopaedic practice in Eichstädt, Germany,
Dr Stephan Grunert

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OR Technology

Orthopaedic practice
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Dr Stephan Grunert

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Dr Stephan Grunert about digital X-ray with *dicomPACS®*:

"I felt a little adventurous when I decided to convert the entire practice IT in one go whilst introducing digital X-ray with ***dicom****PACS®* and Fuji. This included the incorporation of the ultrasound scanner and a document scanner, introducing the ***dicta****DECT®* networked voice recognition system and changing the practice management software to DOCconcept - all done while the practice was in full operation.

Thanks to the competent and professional advice given and the installation of all systems by OR Technology from Rostock (Germany), there were no problems during or after the installation in the practice. A deciding factor for our practice is the fact that due to the responsibility of the company for all IT areas, there is one contact person for all queries.Our orthopaedic practice is highly satisfied with the implementation and and has come to appreciate the enormous benefits of digital X-ray and the fantastic voice recognition facility."

Specifics of the image processing system

OR Technology installed an entire IT system including speech recognition and digital X-ray in the orthopaedic practice.

The details: Dr Grunert's practice shares its equipment with two other medical practices.

Further information is available under
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This large network was created on the initiative of Dr Grunert. By sharing the digital X-ray equipment, the archive server, practice IT system and parts of the speech recognition system, the costs for each practice could be reduced substantially.

The system includes two double monitor workstations. One monitor displays the practice management system and speech input, the other the imaging system. Both monitors are operated with one mouse and keyboard and are connected to the same PC. No electronic switching is needed. When a patient's index card is called up, the relevant images and documents appear automatically on the other monitor.

Images can be burnt onto a CD including a viewing software and handed to the patient for consultations with other doctors.

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Innovative digital image management solutions ideally suited for private practices and hospitals

dicomPACS®

***dicom**PACS*® is a sophisticated, high-tech image management solution based on vendor neutral archive technology (VNA) and ideally suited for private practices and hospitals. With ***dicom**PACS*® all images generated by digital X-ray, CT, MRI and ultrasound devices, as well as diverse documents (e.g., doctors' letters, medical findings, medical history, faxes) are stored in a digital patient folder and are readily accessible. Our carefully designed archive and backup solutions guarantee quick access to all data and high security standards (in keeping with the German Medical Devices Act). Furthermore, the software can easily be integrated into all common information management systems (e.g., KIS, RIS and EPA). The ***dicom**PACS*® software acquires, processes, transfers and archives images as well as other documents.

OR Technology

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