

Reference report: Digital X-rays and image processing in the established practice

Institution: **Orthopedics practice**

Name: **Dr Grunert MD**

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Telephone: **+49 84 21 - 90 99 88**

No. of viewing stations: **1**

No. of diagnostic stations: **1**

X-rays/day: **ca. 120**

Image management system: **dicomPACS®**

Details on image processing

Oehm und Rehbein installed a complete IT system including speech recognition and digital X-rays (See DICOM network plan) in this orthopedic practice. The details: Dr Grunert's practice and two others share their equipment. This large network was an initiative of Dr Grunert's. By sharing the digital X-ray equipment, the archive server, practice IT systems and parts of the speech recognition system, the costs

for each practice could be substantially reduced. Two double monitor workplaces are part of the system. One monitor displays the practice management system and speech recognition input, the other the imaging system. Both monitors are operated with one mouse and keyboard and are connected to one PC only. No electronic switching over is needed.

When a patient's index card is called up the relevant images and documents automatically appear on the other monitor.

X-rays including viewing software can be burnt onto a CD and handed to a patient for doctors' consultations.

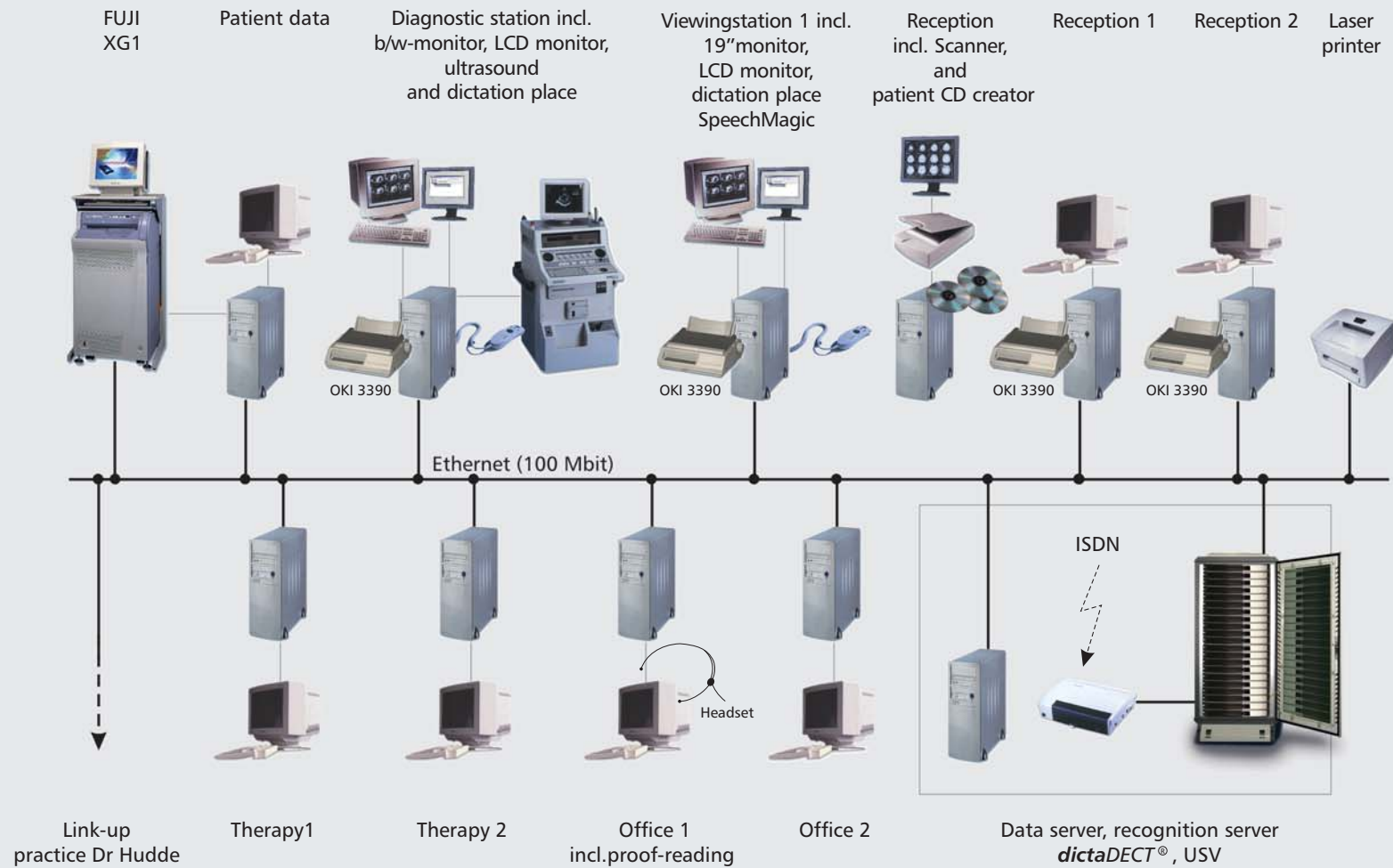
"I felt a little adventurous when I decided to convert the entire practice to IT in one go by introducing digital X-rays by means of **dicomPACS®**. This included the incorporation of the Sonography equipment, a document scanner, introducing the **dicomPACS®** networked voice recognition system and changing the practice's software to the DOC concept - all done while the practice was in full operation.

Thanks to competent and professional advice,

the installation of all systems and training by Oehm und Rehbein from Rostock, there were no problems during installation or after commissioning the system in the practice. Specific to our practice is the fact that due to the joint responsibility of the firm for all IT areas, only one contact person had to be contactable for queries. Our orthopaedic practice is highly satisfied with the implementation and operation of the service and has come to appreciate the enormous benefits of digital X-rays and the fantastic voice recognition facility."

Dr S. Grunert MD





IT network