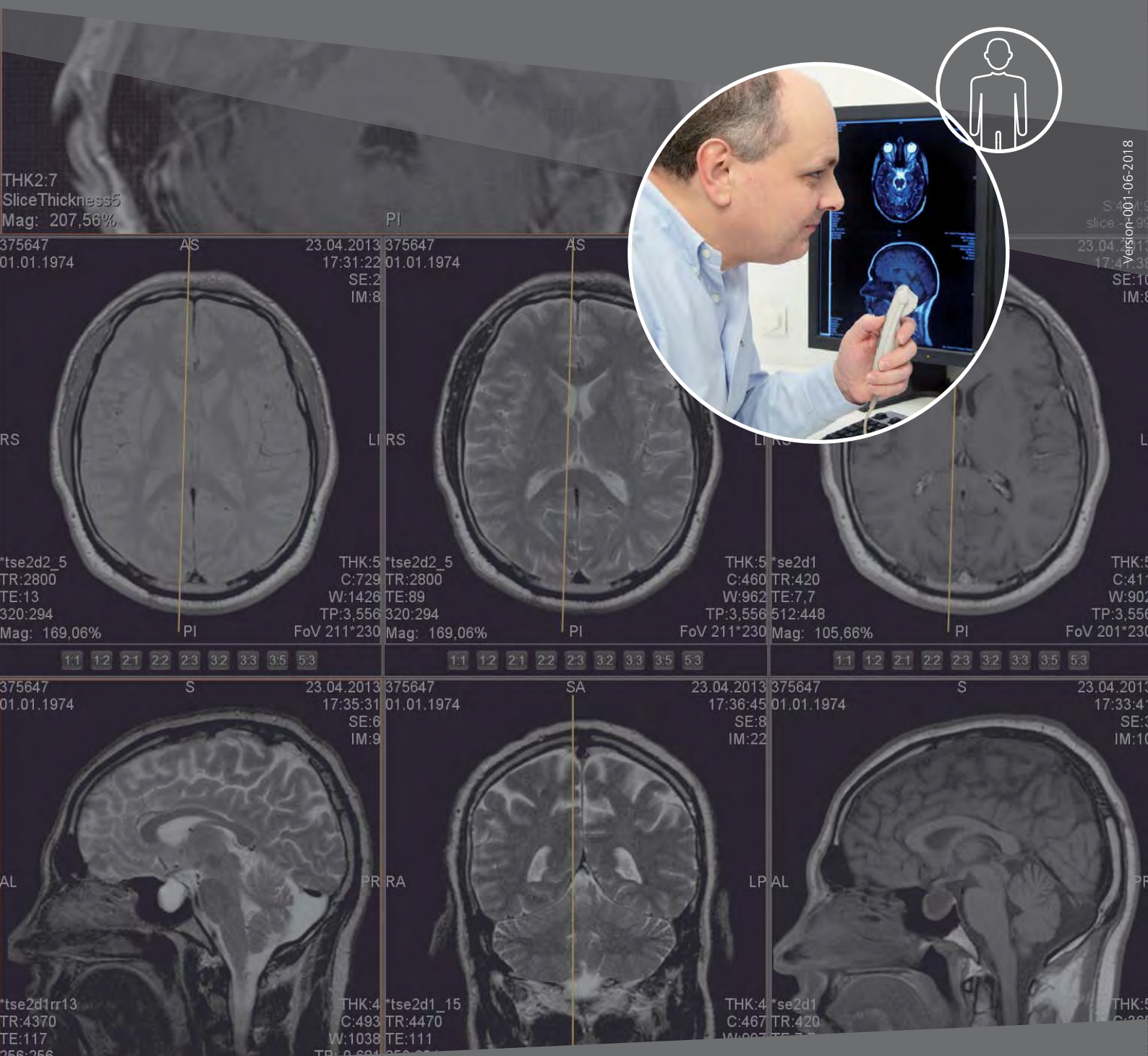


Reference

Innovative digital image management solutions in the practice for radiology and nuclear medicine Drs. A. Dawid, M. Thompson, R. Wiehn in Zweibrücken, Germany



Practice for radiology and nuclear medicine

Drs. A. Dawid, M. Thompson,
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Dr. Andreas Dawid in the patient consultation



Reference

A wide range of radiological and nuclear medicine diagnostic tools are available in the practice, including an MRI scanner, a CT scanner, and a gamma camera as well as digital X-ray, mammography, and ultrasound machines. The partners Dr. Andreas Dawid, Dr. Martina Thomson, and Rolf Wiehn have managed the practice since 2012. Through close cooperation with other practices in the German Radiologienetz (radiology network), the practice in Zweibrücken is part of a nationwide, extensive quality association which now includes 100 independent large practices and 70 hospital departments.

In the summer of 2012, OR Technology installed an extensive **dicomPACS**[®] image management system in the practice.

Dr. Andreas Dawid, Dr. Martina Thomson, and Rolf Wiehn talk about working with **dicomPACS[®]:**

“We decided on the **dicomPACS**[®] image management system from OR Technology for several reasons. First of all, the **dicomPACS**[®] is very flexible and can be adapted to the existing infrastructure. OR Technology were able to adapt their image management system perfectly to our organizational processes. Our previous workflows (examination, image post-processing, diagnostic reporting, etc.) did not have to be changed. A majority of the competitors were much less flexible in this regard.

Since our practice has been completely digitised for many years already, it was necessary to import large amounts of data into the new system. OR Technology promised us a smooth and loss-free data import. The data was imported parallel to our routine daily work, and there were no disruption to normal operations during this time.

The DICOM Viewer is extensive, but nevertheless fast and intuitive to use. The **dicomPACS**[®] image management system has an optimal price/performance ratio for us. The pricing policy is transparent and uncomplicated, and the follow-up costs are low and predictable.

In addition to the ability to archive the image data, revision-proof document archiving was also important to us. OR Technology were able to implement this requirement efficiently and without any additional costs.”

The installation process

“Installation proceeded quickly and smoothly. Many procedures were done in advance without any disruptions to the operation of our practice. In comparison to the competitors, the calculated downtimes were minimal, and there was no unexpected downtime. The installation proceeded very professionally, the employees from OR Technology adapted the system during the installation process to meet our needs and requirements and were extremely active and helpful.”

Advantages of **dicomPACS**[®]

“In comparison to our previous system, **dicomPACS**[®] is much clearer and much more flexible. It is easy to operate and more customizable. DICOM viewers are now installed on non-diagnostic workstations and allow us to prepare for examinations faster and with better quality. A significant advantage is the much faster and better service, which, in contrast to our previous system, we need to call in much less frequently.

As mentioned above, the DICOM Viewer is very extensive and has a large number of useful tools. In spite of this, you can learn how to use the viewer quickly and intuitively.





The system is very clearly organised, and images are loaded quickly. When preparing diagnostic reports, the images can be processed quickly and optimally, and comparing them to previous images is easy. The image diagnostics are very good, and less time is now required to produce diagnostic reports.

Images are transferred and archived quickly and smoothly. The integration of a paperless long-term archive went perfectly. Documents are scanned very quickly. Even reading and matching digital image data and creating digital diagnostic reports is faster and error-free now. Data can be output (printer, digital data media) from every workstation now without any problems."

Integration into the practice management system:

"The integration of **dicomPACS**[®] in **ixx.isynet** is outstanding. The system is fast and error-free when preparing for an exam (creating worklists, transferring patient data, etc.) as well as during the examination itself (linking the image data to the patient file) and when preparing diagnostic reports (calling up previous findings, comparison with previous images, etc.). Only a mouse and a keyboard are needed to operate the system. The workflows are seamless, and you always have immediate access to the necessary information regardless of where you are. Due to the excellent integration, it was possible to optimise all workflows, from admitting patients to invoicing the data. Both programs are so well integrated that they are basically equivalent to a pure RIS system."

Further information is available under
www.or-technology.com



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



dicom PACS®

dicomPACS® is a sophisticated, high-tech image management solution based on vendor neutral archive technology (VNA) and ideally suited for private practices and hospitals. With **dicomPACS®** 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 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 **dicomPACS®** software acquires, processes, transfers and archives images as well as other documents.



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