

Reference

Dr. Marc-Reimer Vogelsang, specialist
for orthopaedics and emergency surgery
in Lübeck, Orthopädie am Klingenberg



Dr. Marc-Reimer Vogelsang has been head of a practice for orthopaedics and emergency surgery in Lübeck since early 2009. The conservatively equipped "Orthopädie am Klingenberg" is focusing on sports medicine, chirotherapy and acupuncture.

When his practice re-opened, Dr. Vogelsang decided to acquire a direct-digital X-ray system. After having viewed such a system in an orthopaedic practice in Ulm, he chose an Amadeo system by OR Technology.

“The harmonious overall concept of the system in Ulm impressed me compared to other competitors' systems,” Dr. Vogelsang says, explaining his choice.

The practice acquired a partly motorized U-arm system, equipped with a Sedecal X-ray generator. The mobile Varian 1417 flat panel can be removed from the bucky tray. The **dicomPACS® DX-R** acquisition software for X-ray images controls the system. Moreover, **dicomPACS®** is responsible for image distribution within the practice.

Space-saving U-arm system

“There were several aspects in favour of a U-arm system”

Dr. Vogelsang says in hindsight. “Since we don't need a bucky table and

a wall stand, space-saving installation was possible. In addition, the system is very easy to operate and very flexible for the most diverse exposure options. For accident victims who can only be X-rayed in a prone position, a table on rollers is available.”

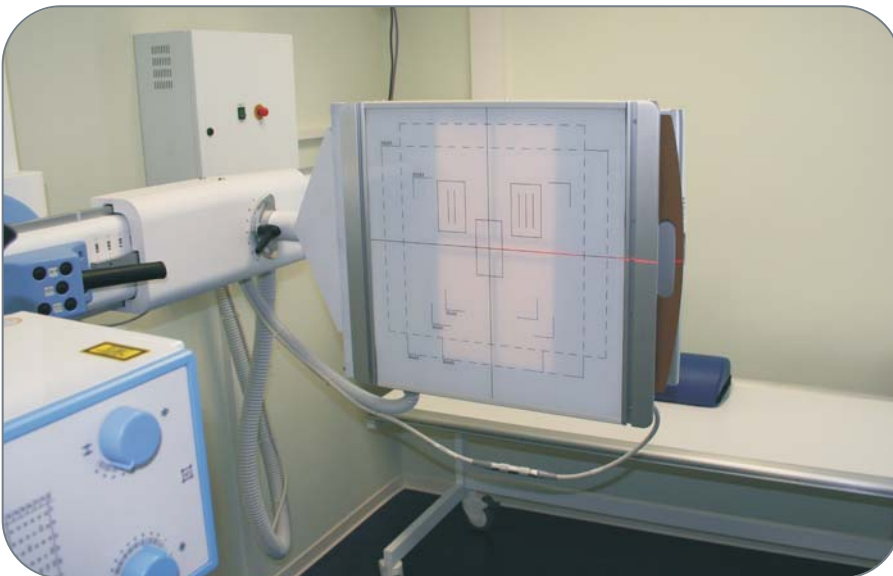


Before he opened his own practice, orthopaedic surgeon Dr. Vogelsang used analog X-ray imaging. Listing the benefits of digital imaging, he says “The work processes have now been considerably shortened by means of the DR system, which also frees up our X-ray assistant for other tasks. The entire chemical component (including developing machine, the chemical fixing process, waste removal etc.) has become redundant. And the problems encountered with archiving are now a thing of the past. The space occupied by an X-ray archive can now be used for other purposes. Images cannot get lost

or be stored in the wrong place and we don't waste time looking for them. And if patients contact me at a later stage I can immediately access the digitally archived X-ray images in the treatment room."

Continuous workflow

The process of image creation is easy and fast: The **dicomPACS® DX-R** acquisition software for X-ray images does not only manage the transfer of raw images to the computer, but also the control of the X-ray generator. This allows Dr. Vogelsang and his staff to make all the required adjustments from one individual work station – a touch screen monitor with a well laid-out graphic interface.



Excellent image quality

"The image quality is consistently very good" says Dr. Vogelsang. "Diagnostic reporting with dual-monitor operation for X-ray imaging and practice programme is an ideal solution. Thanks to the digital system it is easy to demonstrate diagnostic evaluations or quickly measure angles or distances. The diagnostic software offers a variety of tools to enlarge or reduce images or place them alongside each other. Brightness, contrast and grain are variable. Archiving is achieved virtually unnoticed without any effort."



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