

# Reference

**Amadeo Z** at TAUMENTZIEN ORTHOPAEDICS,  
Frank Mathias Meinikheim & Dr. med. Matthias Reiche, Berlin



**TAUENTZIEN ORTHOPAEDICS,**  
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Frank Mathias Meinikheim



 Amadeo Z Systems

## Reference

**The practice:** Patients at TAUENTZIEN ORTHOPAEDICS are in good hands. The practice offers a wide spectrum of standard and innovative treatments. The joint practice is run by Frank Mathias Meinikheim, a specialist in orthopaedics and trauma surgery, and Dr. Matthias Reiche, a very experienced orthopaedic physician, trauma surgeon, paediatric traumatologist and foot surgery specialist. The team also includes one assistant doctor and six physicians assistants.

**Challenges and motivation:** „The key aim of our practice“, states Frank Mathias Meinikheim, „is to do our very best to maintain and restore the good health of our patients.“  
Among other things, this requires excellent medical equipment. „Our commitment to quality and discussions with others in the field paved the way for our transition to digital radiography. The need to modernise became pressing and we began searching for a reliable partner. At this point, we came across OR Technology.“

**The solution:** In September 2014, the practice located at Am Tauentzien 5 made the transition to the world of modern imaging, including digital X-ray diagnostics. OR Technology's high-performance, universal digital X-ray system **Amadeo Z DR** gives the physicians quick access to precise imaging results in the modern and friendly practice in the centre of Berlin. This technology provides detailed information about the severity and cause of patients' disorders and injuries.

**Benefits for day-to-day radiography:** The fully motorised, all-purpose unit is ideal for taking X-rays of the entire skeleton. Spinal and whole leg images are also a breeze.

Further information is available under  
[www.or-technology.com](http://www.or-technology.com)



Video „TAUENTZIEN ORTHOPAEDICS 5“  
© [https://youtu.be/H1MeOMkCd\\_I](https://youtu.be/H1MeOMkCd_I)

„I particularly appreciate image stitching, also called whole leg images“, states Mr. Meinikheim, „the patient remains standing during the X-ray process and it is possible to assess limb alignment. This is rarely done these days.“

There are many additional advantages to digital radiography. X-ray imaging without film and processing chemicals is significantly easier. Fewer steps are involved in the X-ray process. This saves time as well as personnel and financial resources.

Specialist Meinikheim comments on working with the **Amadeo Z-DR**: „Modern X-ray technology enables us to reduce the radiation exposure of individual patients to a minimum. Furthermore, the images are available almost immediately and are of excellent quality. The image files are immediately uploaded to the system and can be viewed, analysed and discussed with the patient in the examination room.“

The practice team at TAUENTZIEN ORTHOPAEDICS appreciates the reduced workload and excellent documentation of the new system. The unit is easy to handle and accommodates multiple imaging techniques. The **Amadeo Z-DR** is an easily operated, fully motorised DS system. The U-arm can be positioned in seconds. The system is fully functional with patients in sitting, standing and lying positions. The **dicomPACS®DX-R** acquisition and diagnostic software that comes with the package can be used to control the entire X-ray system: from generator control to the display of high quality images for diagnostic evaluation.

**Installation and maintenance:** The installation of the **Amadeo Z-DR** was straightforward and quick. „We have a good working relationship with OR Technology“, comments Frank Mathias Meinikheim. „When problems do arise, they are solved quickly and professionally. Remote maintenance functions well and reliably. We are pleased with our decision to switch to digital radiography and with the ability to serve our patients better.“





Amadeo

Z Systems

Digital X-ray with fully motorised U-arm system for low ceiling heights

Stationary **Amadeo Z** X-ray systems are fully motorised, compact and designed for ceiling heights over 2.4 m. Radiological positioning for all examinations, including full spinal and leg imaging via image stitching, is effortless.

The optimised workflow saves time and personnel resources. The entire system is controlled via our professional acquisition and diagnosis software, **dicomPACS® DX-R**. The U-arm can be positioned easily within seconds, using either the motorised or manual mode of operation. Four electric motors facilitate accurate and effortless U-arm adjustment for patients in sitting, standing and lying positions (examination table is optional).

 **OR Technology**

[www.or-technology.com](http://www.or-technology.com)

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