

# Reference

Digital X-ray system **Amadeo M-DRw** on humanitarian mission in the Congo



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## Mobile hospital Brazzaville

Republic of the Congo

 Amadeo M Systems

# Reference



In Brazzaville, the capital of the Republic of the Congo, people can receive medical care in a mobile hospital since the beginning of 2015. The hospital is equipped with state-of-the-art medical systems. For X-ray examinations the digital OR Technology complete solution **Amadeo M-DRw** is used. The diagnostic device consists of a wireless detector, X-ray generator and image processing station including software with a radiographic positioning guide. The **Amadeo M** system has been specially developed by OR Technology for this purpose for the mobile X-ray market. Updates for the image management software **dicomPACS®** can be safely and easily installed by remote transmission.

Currently there are 15 trained medical employees working in the mobile hospital. The mobile operation and treatment rooms are not only used in the capital of the Congo, there are also plans for offering medical treatment at different locations in the country.

Thanks to the supply of high-quality modern medical equipment like the mobile complete X-ray solution **Amadeo M** by OR Technology, the staff of the „mobile hospital“ in the Congo can operate as in a regular hospital and the patients do not have to miss any kind of medical comfort.

The X-ray solution **Amadeo M** system had to live up to special requirements. It needs to perform flawlessly under challenging climatic and spatial circumstances and deliver excellent X-ray images.

The **Amadeo M-DRw** does not only fulfill these stipulations, it is also uncomplicated to handle even in small patient rooms and can be used by medically untrained personnel.

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



The **Amadeo M-DRw** is distinguished by its optimal relation of weight, size and performance (98 kg; 96,0 x 59,5 cm) and can even be dropped at the usage site by parachute if necessary.

Rolof Mulder about the decision for the **Amadeo M-DRw**-System:

„Price-quality ratio is the best we could find. Everything is wireless, easy to install and operate. Service and contact good and direct. Beside the hardware, the software equipment was equally essential of course. We chose the OR Technology image management solution **dicomPACS®** due to its numerous functionalities already compiled in the basis software and the multitude of extension modules. For us, **dicomPACS® MobileView** has a special significance. We use an iPad in the OT, again wireless. Mass storage on the PC that is also used for editing.“



The web-based viewer **dicomPACS® MobileView** lets you view image and document material outside a clinic or practice on mobile devices regardless of browser. Thus the medical staff can already make first diagnoses at the patient's bedside via a safe access or confer with colleagues by remote diagnosis.

There are hardly any limits to the **Amadeo M**'s range of application. Beside mobile clinics it can be used in container laboratories, in container or tent-based outpatient or rescue systems for emergency medicine or research facilities.

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## Amadeo M Systems

Portable X-ray solution for ambulatory and inpatient care

The design of the **Amadeo M** series combines a multitude of essential functions with elements of bionic form. The resulting medical device represents a synthesis of modern X-ray technology, functionality and aesthetics.

The portable and splash-proof X-ray system is suitable for various settings and can easily be transported (both wireless and tethered versions function in the field). Our compact and versatile X-ray system can be employed wherever it is not possible to examine patients directly in a radiology department. This includes examinations on cruise ships, yachts and offshore platforms, in hospitals, correctional facilities and military institutions, as well as for emergency medicine in vehicles, containers, tents, and during disaster management and house calls.

 **OR Technology**

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