

# Reference

Direct digital X-ray imaging with  
**Amadeo** at the Jecson Medical Center  
in Tarlac City, Philippines



The Jecson Medical Center is situated in Tarlac City, a two-hour drive from Manila. With 100 beds it is the largest hospital in the Tarlac province. Under Dr. Jose Y. Chua, Jr., the hospital's medical director, the radiology department has modernized its equipment continuously throughout the past two years and now boasts the most up-to-date facilities in the area. It includes a Siemens 16 CT scanner, a Siemens Acuson ultrasound unit and a portable C-arm unit by DMS Apelem, showing an obvious preference for European products.

This required updating the X-ray units to the latest technical standard as well. For more than ten years the X-ray department had used analog units: two fixed systems and one mobile system.

Dr. Jose Chua commented on the conversion to a direct digital X-ray system as follows: "Having spoken to various manufacturers of CR (Computed Radiography) and DR (Digital Radiography) technology before purchasing a new system, I was determined to invest in a digital system. Initially, however, I was uncertain which technology I should choose. Various factors had to be taken into consideration: apart from price and maintenance aspects it was important how the doctors – both

in hospitals and referring doctors – would accept this technology.

The sales partner of OR Technology in the Philippines offers a tailor-made solution for use at hospitals. The **Amadeo** system consists of excellent components by European manufacturers. It proved to be the best offer – not only from a price point of view – but also with regard to workflow. We expected the new system to provide an improvement in efficiency and image quality", said the hospital director.

"We will still keep the analog unit at our hospital for a while for the doctors to gradually get used to the new techniques of direct digital technology.

The expectations we had of the new system with regard to efficiency and improved image quality have been met entirely", says Dr. Chua, satisfied.





“In my opinion, a major advantage, compared to CR technology, is the improved workflow and the reduced maintenance requirements of the system. The out-time due to maintenance work on the system is minimal. Since prices for detectors have dropped drastically during the past few years, a direct digital system has become affordable”, says Dr. Jose Chua, referring to another important aspect.

To complete digitalization, the hospital will soon convert completely to a PACS system. OR Technology's partner will present them with a tailor-made offer. Then the days of paper documentation will be over for good.





Amadeo DR systems

| with *dicomPACS*<sup>®</sup> **DX-R** Software

| X-ray Systems for the Future

# Amadeo DR complete X-ray systems

Should you wish to invest in a new X-ray system, OR Technology offers a complete tailor made solution for you. An **Amadeo** DR system includes all the required components for cassette free digital X-ray imaging such as X-ray table, generator, flat panels, PC and the *dicomPACS*<sup>®</sup> **DX-R** acquisition software.

The standard package of all Amadeo systems includes integrated generator control, i.e. the *dicomPACS*<sup>®</sup> **DX-R** control console performs the complete operation of the X-ray system: from controlling the X-ray generator to the finished image, ready for diagnosis.

Complete **Amadeo** systems can be assembled from various X-ray tables, generators and flat panels.

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



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