

Creu Blanca Diagnosis Médica

Equipped with a digital image processor and 12" image intensifier Toshiba offers the remote controlled R/F system WINSCOPE Plessart EX8. The advanced fully digital WINSCOPE Plessart EX8 system acquires high resolution images with outstanding diagnostic accuracy.

Dr Antonio Salvador Aznar is radiologist at Creu Blanca Diagnosis Médica, Spain, where one of the first WINSCOPE Plessart EX8 systems sold in Europe was installed in October 2008. Toshiba heard from him how the system is enabling Creu Blanca's specialists to perform a wide range of procedures with greater ease and increased efficiency.

The hospital

Located in Barcelona, the capital city of Catalonia, Creu Blanca Diagnosis Médica is one of the largest diagnostic centres in Europe.

Barcelona, after Madrid the second largest city in Spain, has a population of over 1.6 million inhabitants. About five million people live in the Barcelona metropolitan area. It is also Europe's largest metropolis on the Mediterranean coast.

Barcelona is today one of the world's leading tourist, economic and cultural centres, and its influences in commerce, education, entertainment, media, fashion, science, and the arts all contribute to its status as one of the world's major global cities.

Centres Mèdics Creu Blanca are a group of medical centres covering more than 150 medical professionals, who in the

interest of the patient have teamed up to use the best technology. The medical centres facilitate preventive screening, consultations in all specialties, high-tech diagnostic tests and surgery.

In 1950 a group of medical graduates, led by Dr Gaspar Alomar joined forces to create one of the first home health care providers. 'Cruz Blanca, Home Care Service' was born. In little more than 50 years, 'Creu Blanca', which started with 3 doctors, has gathered a staff of 300 professionals spread across 6 locations in Barcelona and one in Zaragoza.

The history of the 'Diagnosis Médica'-center dates back to the 80's, a decade in which medical technology was progressing rapidly. At a time when all medical assistance was done in large hospitals, a group of 'Creu Blanca' doctors decided to create a centre that specialized in diagnostics, thus realizing the necessity of an urgent diagnosis.



Figure 1: Creu Blanca Còrsega Barcelona

The issue

In October 2008 Toshiba Medical Systems installed a WINSCOPE Plessart EX8 system in Creu Blanca Diagnosis Médica in Barcelona. After evaluating digital remote controlled R/F systems from multiple vendors the Toshiba system was chosen because of its overall price/performance ratio. The established long running relationship between Creu Blanca Diagnosis Médica and Toshiba Medical Systems added to the positive outcome in the evaluation process for the Toshiba digital remote controlled R/F system. The Toshiba WINSCOPE Plessart EX8 was evaluated on its digital imaging capabilities and its diverse variety of clinical uses.

A team of five radiologists are using the WINSCOPE Plessart EX8. In addition to the radiologists a large group of radiographers also operate the equipment for general radiography. The system is used approximately 50% of time by the radiographers for general radiography procedures.

Dr Antonio Salvador Aznar: "The image quality of fluoroscopic and radiographic images is very good and the WINSCOPE Plessart EX8 offers enough flexibility to cover a wide range of clinical applications."

Creu Blanca Diagnosis Médica use the WINSCOPE Plessart EX8 for their fluoroscopy procedures and general radiography. Fluoroscopic procedures performed on the system are barium examinations of the digestive tract, intravenous urography, hysterosalpingography and arthrography.

Dr Antonio Salvador Aznar: "The Toshiba WINSCOPE Plessart EX8 is a very reliable system. It is always ready to be used. The local service organization guarantees an uptime exceeding 98%. It was very easy to adapt to the new system. Operation is quick and easy and the application training was very good. The same applies for the radiographers who operate the system for general radiography."

This location of Creu Blanca has various Toshiba equipment installed, including MRI systems (Toshiba OPART™, EXCELART™ and EXCELART Vantage™), CT systems (Toshiba Aquilion™ 16), Ultrasound equipment (Toshiba APLIO™ MX) and a remote controlled R/F system (Toshiba WINSCOPE Plessart™ EX8).

Other locations of the Centres Medics Creu Blanca have more Toshiba equipment installed including CT, MR, ultrasound and (interventional) X-ray systems.



Figure 2: Toshiba Winscope Plessart EX8



Figure 3: Dr Antonio Salvador Aznar

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