Hospital do Coração, Brazil
Healing hearts with Barco

“Barco’s diagnostic displays allow our clinical staff to read and interpret images more accurately than they can with conventional displays.”

Mr. Carlos Yoshihara, coordinator of the Hospital do Coração PACS program

Hospital do Coração – Hospital for the Heart – in Brazil employs over 700 highly trained specialized physicians. Along with the technical expertise of their professionals, HCor has the most advanced technology within the healthcare sector in Latin America. Their high-tech Diagnostic Center performs more than 1.2 million exams annually.

Aiming to become the first digital hospital in Brazil, HCor recently purchased a total of 66 Barco medical displays in combination with MediCal QAWeb premium service for complete diagnostic confidence. This evolution will help the hospital provide an even higher level of patient care.
Hospital do Coração (HCor) opened its doors 30 years ago to tend to patients suffering from cardiac illnesses. In a very short time, the hospital became one of the main centers for the treatment of cardiovascular illnesses in Latin America, providing important advances in the treatment of heart disease and health education. All this experience has contributed to expanding their scope of services, making them a reference site within the region.

A technology pioneer for Latin America

HCor boasts an impressive reference list, including a series of world’s firsts. The hospital leads the way in performing cardiac transplants, and it was the first to perform a cardiopulmonary transplant in Brazil in 1985. HCor was also the first hospital in Latin America – and the fourth worldwide – to perform an angiotomography of the coronary arteries.

Today, HCor has the most advanced technology in the healthcare sector in Latin America. Known worldwide for its pioneering work, HCor’s Diagnostic Center is a leading facility in cardiology, performing more than 12 million exams annually. In order to increase its productivity, and to serve patients even better, the hospital has set its sights on becoming the first digital hospital in Brazil for diagnostic imaging.

Switching to a digital solution

HCor selected Barco to supply the medical displays. The hospital was already using Barco’s medical displays in other departments and was extremely pleased with the excellent image quality and accuracy of subtle details. As part of its PACS program, HCor selected a combination of diagnostic (color and grayscale) and clinical displays, as well as Barco’s renowned MediCal QAWeb premium service, an online service for centralized, intervention-free quality assurance for all of the medical displays. The 66 new medical displays are deployed throughout the intensive care, coronary care, emergency and orthopedic units. In addition, they are also used for education and training.

Improved diagnostic accuracy

Digital medical display systems offer significant advantages over analog diagnostic images. Mr. Carlos Yoshihara, coordinator of HCor’s PACS program, explains: “To prevent interpretation errors, radiologic images must be read on high-resolution displays. Barco’s medical display systems offer images with exceptional brightness and contrast. Plus, the additional QA service guarantees us maximum diagnostic confidence and system up-time.”

“In addition to providing higher accuracy and quality,” Mr. Yoshihara continues, “these displays offer significant benefits to physicians and patients. Using the latest technology available enables us to make safe and accurate diagnoses, which in turn support quick and confident clinical decisions and treatment plans for our patients.”