

Abu Dhabi Health Services, UAE

SEHA hospitals lift diagnostic reading to new levels with Coronis Uniti™

We rely on Barco on account of its market leadership in medical imaging and its innovative strength

Bader Al Qubaisi,
SEHA Acting Director
of Infrastructure



Barco solution:

- 3 X Coronis Uniti™
- 60 Coronis Fusion 6MP
- MediCal QAWeb

Key benefits:

- Barco brand
- Good past experiences
- More accurate diagnoses

Since 2007, the Abu Dhabi Health Services company (alias SEHA) has owned and operated the public hospitals and clinics in Abu Dhabi, UAE. Its mission: to ensure that every inhabitant of the Emirate has access to world-class healthcare. To achieve that objective, SEHA partners with internationally recognized healthcare leaders like Johns Hopkins Medicine and Cleveland Clinic and sees to it that all of its hospitals employ the best staff and use state-of-the-art technology.

Barco is a household name at SEHA hospitals since 2010. In line with their high standards of care, SEHA hospitals significantly raised the bar of diagnostic imaging in 2015, by upgrading to Barco's flagship Coronis Uniti™ and a series of new Coronis Fusion 6MP display systems.

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SEHA – Arabic for ‘health’ – was launched in 2007 as part of the UAE Government’s healthcare sector reform initiatives. Today, the company operates 15 hospital facilities – over 2500 licensed beds – and over 60 ambulatory and primary healthcare clinics across the Emirate of Abu Dhabi, accounting for more than half of Abu Dhabi’s healthcare sector. Approximately 17,000 doctors, nurses and other (clinical) staff help SEHA provide the high level of healthcare services in line with Government goals and objectives. SEHA read over 2.3 Million studies in 2015.

By viewing PACS and images on a workstation, our radiologists can work more efficiently. Also, the well thought-through design provides them with the best reading experience and viewing comfort



Dr. Essam El Shamma
of Corniche Hospital

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Best healthcare technology

“SEHA’s overarching goal is to improve healthcare delivery in the Emirate,” said Saif Al Siksek, SEHA Acting Chief Information Officer. “More than the right people, it also takes the best medical equipment and technology to provide patients with outstanding care. That’s why SEHA hospitals invariably deploy leading technology.” “We rely on Barco on account of its market leadership in medical imaging and its innovative strength,” said Bader Al Qubaisi, SEHA Acting Director of Infrastructure. Satisfied with the existing range of Barco Coronis displays, several SEHA hospitals decided to upgrade and expand their range with the latest displays from Barco.

SEHA introduces the new Coronis Uniti™ + Coronis Fusion 6MP

Sheikh Khalifa Medical City (SKMC), the largest hospital group in the UAE, Al Ain Hospital and Tawam Hospital each installed one Coronis Uniti™ display system, Barco’s flagship solution, besides a series of Coronis Fusion 6MP display systems. In total, the SEHA group installed 60 new Coronis Fusion 6MP display systems for the radiologists in the above-mentioned hospitals and their colleagues in the Western Region Hospitals. At every hospital, MediCal QAWeb ensures that the displays are calibrated at all times and that the image quality is consistent over time and across displays.

The next leap forward in diagnostic imaging

The SEHA hospitals are among the first to install Barco’s Coronis Uniti™ display system in the region. Introduced in 2014 with the promise to ‘revolutionize the radiology reading room’, Coronis Uniti™ is the first and only display on the market that can support PACS as well as multimodality breast imaging (i.e. 3D mammography, digital mammography, breast MRI and ultrasound) on a single screen. This versatility makes it the perfect alternative to multi-monitor workstation configurations: with the new display system, radiologists no longer have to change workstations to complete patient studies. Its 33-inch screen with 12 MP resolutions renders high-quality grayscale as well as color and fused modalities, in 2D and 3D, static and dynamic.

“By viewing PACS and images on a workstation, our radiologists can work more efficiently. Also, the well thought-through design provides them with the best reading experience and viewing comfort,” said Dr. Essam El Shamma of Corniche Hospital. “By combining this top-range system with the excellent Coronis Fusion 6MP displays, we offer our radiologists the best possible diagnostic imaging technology to make accurate diagnoses fast – which is key to providing the world-class healthcare services we aspire to deliver.”

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