

University Medical Center Rizk Hospital

Premium technology for best-in-class patient care

The smooth, artifact-free video images allow for perfect eye-hand coordination and foster collaboration between the surgical team members.



Nassib Makarem, CEO,
ITs 4 H.E.ALT.H s.a.l



Barco solutions:

- 42" full HD MD-4221 surgical displays

Benefits:

- Smooth, artifact-free video images
- Brings PACS to the OR
- Wide range of analog and digital sources
- Disinfectable, fanless design avoids spreading of contaminants

Since Dr. Toufic Ibrahim Rizk established the Dr. Rizk Clinic – currently known as the University Medical Center – Rizk Hospital (UMC-RH) – in 1925, the hospital has become one of Beirut's leading healthcare institutions. Initially founded as a private family-owned clinic, UMC-RH has constantly invested in state-of-the-art medical and surgical facilities. To meet the ever-changing imaging requirements in today's operating rooms (ORs), they recently implemented a new PACS WEBVIEW solution, for which Barco provided cutting-edge surgical displays.

BARCO

Visibly yours



In 2009, the Rizk family sold the hospital to Medical Care Holding, which is owned by the Lebanese American University. The commitment to excellent patient care remains as strong as ever. By providing outstanding, innovative, patient-centered care in partnership with the very best health professionals, the UMC-RH aims to be the premier academic medical center in the Middle East.

When it comes to the operating room, we cannot compromise on quality.



Nasri Esseily, IT Consultant
and Project Manager, UMC-RH

Going filmless in the OR

In order to keep up with the latest developments and stay true to our values, we recently decided to go completely filmless and extend this philosophy to our ORs," says Nasri Esseily, IT Consultant and Project Manager at UMC-RH. "To complete the implementation of the PACS WEBVIEW solution in our operating rooms, we were in need of the perfect visualization solution."

The very best OR quality

Nasri: "We already knew that Barco offers the best solution for PACS. When it comes to the operating room, we cannot compromise on quality." All five of UMC-RH's operating rooms have now been equipped with Barco's medically certified, MD-4221 42-inch High Definition (1,920 x 1,080) surgical displays. These can visualize a wide range of analog and digital video sources, such as HD endoscopic video, patient and surgery information and radiology images with precision and detail.

Perfect collaboration in sanitary conditions

Nassib Makarem, CEO of Barco's local partner, ITS 4 H.E.ALT.H. s.a.l, was convinced of the MD-4221's performance: "The smooth video images allow for perfect eye-hand coordination. Furthermore, thanks to the anti-reflective front glass and by using antibacterial, silicon keyboards without holes and a fanless design, we can easily disinfect the displays with any product we use in the OR, making it a very safe and sanitary solution.

18 month ROI

The installation took no more than three Saturdays. Nasri: "We now have a clear view on vital patient information during surgery, so we're very satisfied. And as we no longer need to print films but send all information and images directly to the OR, we estimate that we will achieve an ROI in about 18 months.