

## HEGP, Paris, France

Seven years Barco displays without one single failure

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*François Menet, IT and PACS manager*



The French capital of Paris can boast an excellent network of 37 healthcare institutions operated by the Assistance Publique - Hôpitaux de Paris (AP-HP), the public hospital system. The youngest AP-HP hospital, the 829-bed Hôpital Européen Georges Pompidou (HEGP), believes that state-of-the-art technology helps its doctors provide the best patient care.

The hospital's radiologists rely on the exceptional image quality of Barco's diagnostic display systems. The department's IT and PACS manager, for his part, is happy with the centralized real-time Quality Assurance, asset management and calibration services and the low total cost of ownership: "We have not had one single failure since the installation of our Barco displays, almost seven years ago."

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### Barco solution and services:

Barco diagnostic displays 2MP, 3MP and 5MP Mammo

### Benefits:

- consistent image quality esp. contrast ratio
- real-time Quality Assurance
- remote asset management
- low TCO



Inaugurated in 2001 from the merger of three older hospitals, HEPG offers high-quality medical services to the inhabitants of the south-western part of Paris. As a high-tech 21st century healthcare institution, HEPG immediately invested in a PACS system. The initial medical displays purchased by HEPG were replaced by Barco's diagnostic display systems.

The AP-HP group selected Barco's systems following a tender - much to the satisfaction of HEPG's radiologists. The displays help them precisely examine the results of CT and MRI scans of both standard and mammography images. "The PACS workstations have been equipped with the best-in-class diagnostic displays to ensure accurate diagnoses for our patients," said Prof. Dr. Philippe Halimi, head of radiology at HEPG and a lead specialist in head and ENT imaging.

"Our main concern is complete confidence when making a diagnosis," he continued. "Barco gives us that level of confidence. When visiting colleagues working at other hospital sites that don't use Barco diagnostic display systems, we can easily compare the image quality. When we are back behind our workstations, we immediately see the difference."

### Confidence and efficiency

Prof. Dr. Halimi and his team particularly appreciate the contrast ratio and the level of detail the Barco displays deliver: "They provide real visual comfort when reading images. In addition to that, bright, precise images and the possibility to work on one, single workstation help us save time during the interpretation. For thoracic imaging, for example, the capability to quickly spot all radiographic details quickly and clearly drives up our productivity." With the number of radiologists decreasing and the number of examinations rising year after year, this efficiency is key at HEPG.

### Calibration fosters collaboration

Another key benefit of the Barco display systems is how they enhance collaboration and, consequently, productivity and decision-making. The displays feature a unique front sensor, the iGuard calibration sensor, which ensures stable, consistent image quality, at all times. "All our colleagues see exactly the same radiographic details. In this way, we can easily compare and discuss diagnoses," Halimi explained.

### Remote quality control

François Menet, IT and PACS manager, welcomed Barco's MediCal QAWeb suite for Quality Assurance, asset management and calibration. "I have to reach a certain level of quality across our entire fleet of medical displays, and keep that up. MediCal QAWeb helps me do that. In the past, I had to manually calibrate all the hospital's diagnostic displays. Today, that's done automatically and I monitor the image quality remotely, from my desk, without having to be in the facility. I save precious time, while the doctors can rest assured that their diagnostic displays uninterruptedly deliver a consistent high quality."

### Low TCO over lifetime

In conclusion, François Menet highlights the low total cost of ownership of Barco's diagnostic display systems over the lifetime of the displays: "For me, as the head of healthcare IT, it is key to invest in high-quality products with a long life span. We've been using the Barco display systems for over seven years now, with zero breakdowns. That means their total cost of ownership is really excellent."