



Hospital Clínic Barcelona

Videoma Archivo allowed the Hospital Clínic of Barcelona to record its surgeries in high definition, in order to reuse the recordings later for training and teaching. Thanks to the advanced cataloging of recordings, locating specific interventions is easy, allowing to create teaching units or to review procedures. In addition, Videoma allows remote monitoring of ICUs through encrypted video streams.

Challenge

The Hospital Clínic of Barcelona is a university hospital with more than 100 years of history and specialized in most medical interventions and surgical procedures, being leaders in patient care, research and teaching.

Precisely these areas wanted to be reinforced in the hospital, through the implementation of new technologies, aimed at improving the training of both its doctors and its students, as well as simultaneously improving patient control and the diagnoses made.

Solution

The four operating theaters were equipped with HD (high definition) recording cameras, and these were connected to a control unit capable of producing an individual signal, manual or programmed, for viewing in real time or for storage in disk, for the purpose of later consultation or analysis.

The recorded content can be cataloged both in real time and later, either by the medical staff or by the recording system operators themselves.

These catalogs can be customized depending on each type of operation. The content can then be available on the hospital website. For this, it is offered in

different video qualities, in order to cover the needs of each user.

In addition to this project, and taking advantage of the infrastructure that the Hospital Clínic already had, the Intensive Care Units (ICUs) were also connected to Videoma.

In this case, an integration of the recordings of these patients was carried out, for live and remote monitoring by healthcare personnel. These recordings are transmitted encrypted at all times, preventing unauthorized viewing.

CLÍNICA
BARCELONA
 Hospital Universitari

Summary

- **Industry**
Healthcare
- **Location**
Spain
- **Challenge**
Make recordings of surgeries to later use in training and teaching.
- **Products/Services**
Videoma Archivo
- **Results**
 - » HD recordings for 4 operating rooms
 - » Simple reuse of content for training
 - » Real-time monitoring of Intensive Care Units