

UCSD

UCSD Healthcare encompasses UCSD Medical Group, UCSD Thornton Hospital in La Jolla, UCSD Medical Center in Hillcrest and a growing number of outpatient facilities. In fact, hundreds of doctors throughout the nation chose UCSD Healthcare physicians when asked to whom they would send a loved one for care. According to a recent survey, more than 100 UCSD Healthcare physicians were honored by their peers as "The Best Doctors in America."

The Need

UCSD envisioned a complete endoscopic image and data management EndoSoft with EUS (ultrasound) implementation. The first phase of the digital image management network, installed in 1999, connected ultrasound scanners and image intensifier at the two main sites to EndoSoft. UCSD wanted to capture images from all three modalities simultaneously and to do the reports. Universal access to exams supported workload balancing between sites while digital review enabled the hospital to save the cost of purchasing, processing, and administering film. Expanding the network system would enable UCSD to extend the benefits of film less image management to all modalities.

The Solution

UCSD Endoscopy Department evaluated all the available options for Endoscopy data and image management software programs and decided to implement EndoSoft because of the database scalability, flexibility, customization and the template-reporting feature. The network hub and archive are located at the Hillcrest Campus. Here, database and image cluster servers coordinate high-volume network traffic between the sites. Image cluster servers provides immediate access to recent exams. An EndoSoft Connect HL7 interface connects to HIS. DICOM compliance and system scalability will enable UCSD to incorporate CR and image management for other modalities in the future.

