Ultrasound Mini Picture Archiving and Communication System

makes use of a very cost-effective storage medium

Specially developed to provide sonographers with a cost-effective ultrasound image-management solution, the imorgon PACS is a modular system that easily adapts to the size of the ultrasound enterprise, from private office to large healthcare institution. The mini PACS comprises a workstation and a server. Three levels of servers are available, supporting from 3 up to 20 ultrasound systems. The software runs on a standard, of-the-shelf PC or can operate in conjunction with an existing PACS.

Rather than relying on complex, hierarchical storage systems with fixed disks, tape drives and removable media, the ultrasound mini PACS makes use of inexpensive on-line disk storage. The low-cost storage solution enhances the performance and reliability of the system and is expected to bring about wider adoption of ultrasound PACS as an image-management solution.

The workstation accepts images from all DICOM-compliant ultrasound systems and is capable of displaying still and moving ultrasound images as well as images from other modalities for comparative studies. Both single- and dual-monitor configurations are available. Both configurations offer side-by-side study comparison, 2D, Doppler and M-mode measurements. The server can be configured to forward a study copy to a PACS server for wider distribution.

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