

Efficient Workflow, Care and Resource Management using Orpheus at OSF Healthcare

Background

The Interventional Pulmonary Lab at St. Francis Medical Center has been using a manual workflow for storing and sharing visible light videos and still images for their procedures. Videos of cases performed were being burned to CD's as for archiving and sharing purposes.

Still images captured during the procedure were being printed on paper using an inkjet printer in the labs and then manually scanned into Epic. By the time the scanned images make it to Epic, the images are useless due to their poor quality. Tracking down CD's for viewing or sharing prior studies has become a cumbersome time consuming process.



Images of poor quality scanned into Epic

The Orpheus Platform

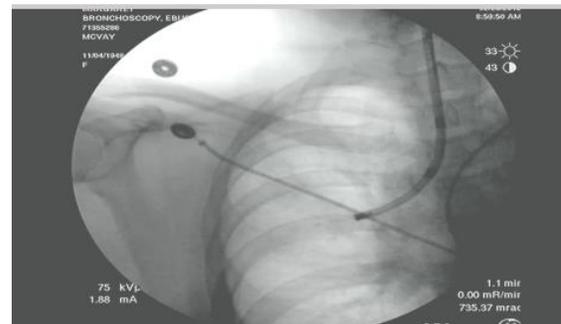
With its turnkey system and user friendly design, hooking up the Orpheus platform to the pulmonary lab proved to be the solution. The platform fit the hospital's existing infrastructure and is fully integrated with the EMR and PACS using standard HL7 and DICOM.

The system digitally records and immediately stores on a central archiving platform. The efficient compression of videos maximizes utilization of available storage. The platform empowers clinicians to view on demand recorded videos anywhere and anytime as well as broadcast live to an unlimited audience.

Smart and efficient data retrieval using dynamic categories produces meaningful statistical reports to improve the labs' performance.

Superior Results, Efficient Workflow

The workflow with the Orpheus platform has proven to be far superior to the previous workflow. Full HD quality snapshots of key areas are being sent to the PACS for archiving, eliminating the need for printouts and scanning. Links to the images in PACS are being created within Epic for easy viewing by clinicians caring for the patient. The full video of the procedure is being stored within the Orpheus platform for post procedure review. Procedure schedules were being hand written in a notebook and on a whiteboard. Now the lab is using the Epic Radiant (RIS) for scheduling studies, creating a study list in the Orpheus system.



Improved quality captured by Orpheus and automatically sent to PACS and link from Epic

Using the Orpheus system proves to be a far superior workflow than its predecessor. With the Orpheus system in place, care providers are able to view full HD images that were taken during the procedure in Epic and now have a searchable video library of all cases completed within the two labs

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