

CASE STUDY

Coordinated Health: Multi-Site Specialty Services

Coordinated Health opened as a sports medicine practice in 1988 and has since expanded to seven specialty centers including an orthopedic center, imaging center, surgical specialty center, plastic & reconstructive surgery center and more. All offices provide diagnostic X-ray; several provide CT, MRI and Ultrasound. Images (approx. 50,000 studies per year) have historically been processed and printed on film, stored at a warehouse staffed by Coordinated Health, and transported via courier to the film archive and from site to site as needed.



Jonathan Swart

CHALLENGE

- As Coordinated Health has grown and expanded its services, the demand for images has increased dramatically. The film-based system they were using had become cumbersome, inefficient and costly.
- Coordinated Health wanted to go to a digital imaging environment, but was concerned that their imaging volumes didn't justify the investment in Computed Radiography (CR) and PACS.
- Coordinated Health also wanted to reduce dependence on courier service. They wanted to be a 'one stop shop', allowing patients the convenience of going to any of their locations.

SOLUTION

- The INFINITT PACS acquires images from the modalities, transmits them over networks, displays them on workstations with tool sets to aid in diagnosis, and archives them in digital format.
- The INFINITT web-based PACS enables access to images from any Internet-connected or wireless PC.
- The INFINITT PACS supports DICOM Modality Worklist -- reducing data entry -- and includes paperless capabilities and CD burning from any PACS workstation.
- INFINITT also offers Digital Templating software which is helpful in sizing prosthetic implants for joint replacement surgery.

"Reports and images are now being transmitted through the PACS to 7 facilities. Our radiologists often consult with the physician over the phone while viewing the studies simultaneously from any of our locations. We've added a radiologist who reads studies from an office in Chicago, which would not have been possible when we were using film. Easy access to images has also helped increase external referrals."

Jonathan Swart - Director of Imaging



Dr. Mandelker

RESULT

- Coordinated Health implemented the INFINITT PACS and went completely digital within 2 months. Physicians now have the images and report in hand and ready to evaluate in the same day.
- Coordinated Health is saving \$5,000-\$10,000 per month in MR film alone, has eliminated the costs of X-ray film jackets, chemicals and processor maintenance, and has reduced dependency on courier service. Storage costs will reduce over time.
- Coordinated Health physicians feel the PACS has improved quality of care through digital templating and better communication with patients.
- Coordinated Health is now able to view priors & images brought to them on CD with the PACS viewer.