



Case Study

Enable X-ray Viewing From Patient Delivered Disc in OR

| HIGH VOLUME SURGICAL OR



CLIENT:

High Volume Surgical OR



SITUATION

Operating Room does not have the ability to directly read patient delivered X-ray discs



FACTORS

Significant Space Constraints

Maintain a Sterile Environment

Easily Used by Multiple Staff Members



SOLUTION

Mobile PACS Reading Cart from First Healthcare Products

SUMMARY

Mobile PACS Reading Cart from First Healthcare Products.

PROCESS

A high volume surgical healthcare organization contacted us through their providers to deploy a mobile PACS (Picture Archiving and Communication System) in the Operating Room suite so surgeons and other healthcare providers could read and review X-ray's provided by patients via disc.

The viewing station needed to fit into a limited existing space, allow portability, and support the sterilization and infection control protocols that an Operating Room environment demands.

Collaborating with the operating room medical providers and organization employees, First Healthcare Products design engineers determined the precise size and other specific requirements to create a mobile PACS Reading cart to meet the unique needs of the client. The easily portable, yet durable, cart included a small footprint with an antimicrobial coating for infection prevention.

First Healthcare Products designed the custom cart and obtained client approval for manufacture.

The First Healthcare Products Mobile PACS Reading Cart was built to fully meet the unique design specifications.

OUTCOME

The custom Mobile PACS Reading Cart provided a streamlined solution for



the surgeons and medical providers to view patient delivered X-Rays.

Timely access for Viewing X-rays avoided delays and interruptions to the OR schedule.

Staff and personnel were able to easily transport the mobile cart to various OR locations within the facility.

Patient satisfaction was improved by eliminating redundant X-Rays or an inability to read the CD immediately.

The OR personnel were highly satisfied with the custom solution and orders were placed for additional complimentary carts to hold trays and supplies.

Requirements:

- **Small footprint** to minimize storage requirements
- **External covering with antimicrobial coating** to support infection control
- **Durable parts** that will stand up to constant usage
- **Aesthetic & pricing** requirements

Solutions Integrated:

- **Purpose Driven Design** — specifically engineered to save space
- **Durability** — steel manufactured in the US to withstand constant usage
- **User Friendly** — designed for easy access to X-ray reading technology
- **Sit to Stand Adjustable** — easy lift height adjustability for proper ergonomics





Finding Your Perfect Fit

We know healthcare and understand the demanding needs of technology deployment. We also understand that not one manufacturer can accommodate all of your deployment needs. Our expertise and knowledge of available solutions, and our commitment to you to find the perfect fit is our priority.



**Let Us Know
How We Can
Partner With You** <

Our experienced consultants are ready to find your perfect fit.

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