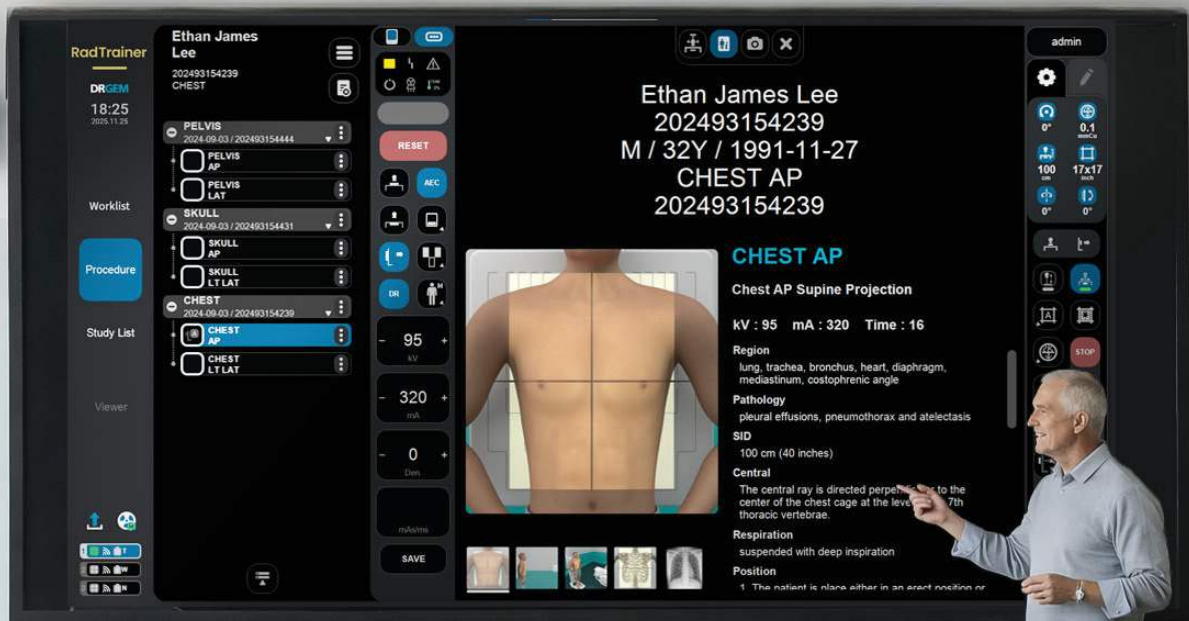


RadTrainer

Training Radiographers the Safe Way

*Clinical X-ray Workflow Training
Without Radiation Exposure*



A pre-clinical training platform designed for students before real hospital practice

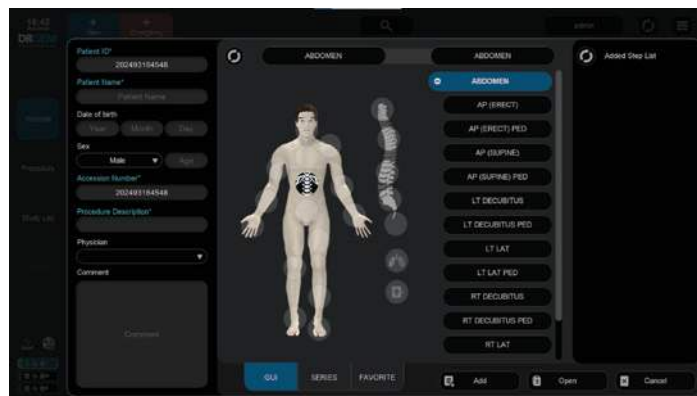
A Complete Workflow for X-ray Training

RadTrainer is a radiography training solution that allows students to learn the full X-ray room workflow safely, with no X-ray exposure.

1 Patient Registration

Seamless Patient Setup

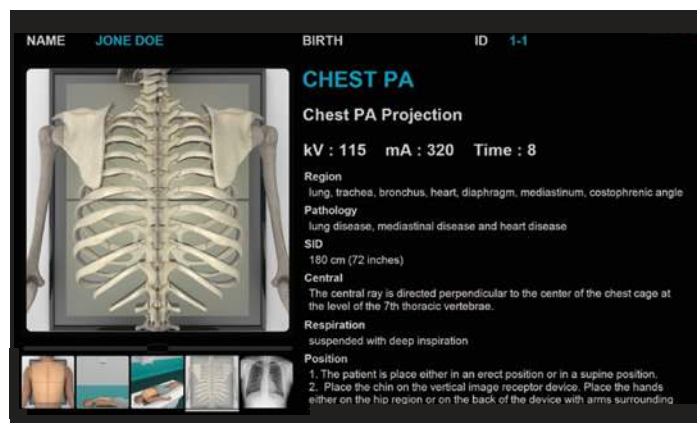
Register a new patient or select an existing case directly from the worklist to begin the training workflow smoothly and efficiently.



2 X-ray Preparation

Guided Positioning and Exposure Setup

RadTrainer supports real clinical preparation by guiding patient positioning and exposure setup. It uses an extensive high-resolution image library covering 23 body parts and 337 positioning scenarios, based on real images used in general hospitals for realistic training and image review.



3 X-ray Exposure & Image Processing

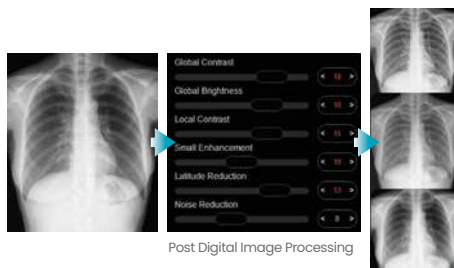
Clinical Exposure Control and Image Review

Perform X-ray exposure within the simulation environment and immediately review the acquired images.



Image Processing

Post-digital image optimization that enhances clarity, contrast, and consistency for reliable diagnostic interpretation.



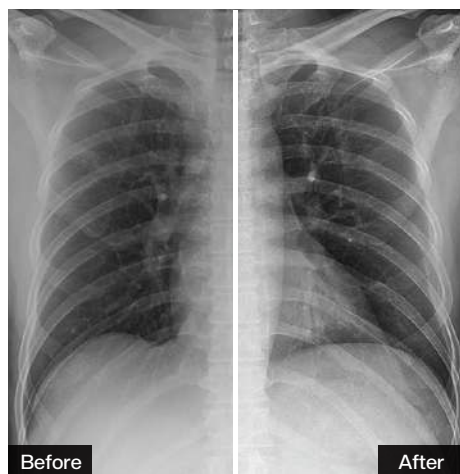
9 Image Presets

Nine image presets are generated from a single exposure, allowing users to select the most appropriate image without retaking X-rays.



Scatter Reduction

Scatter reduction processing simulates clinical image quality by minimizing scatter effects and enhancing contrast.



Bone Suppression

Enhances soft tissue visualization for superior chest X-ray training.

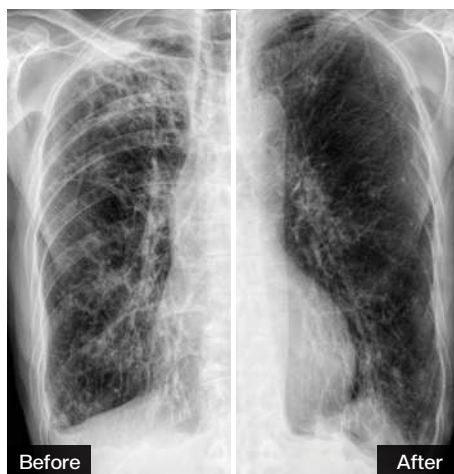


Image Stitching

RadTrainer provides a training environment for whole-spine stitching and long-bone stitching.



4 PACS Connectivity

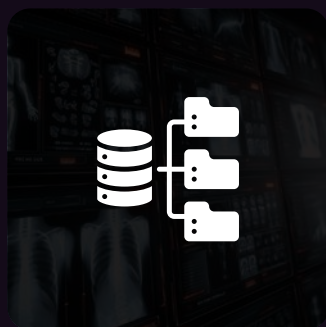
RadTrainer transmits simulated X-ray images to a PACS, enabling image review, training evaluation, and workflow validation on a single workstation.



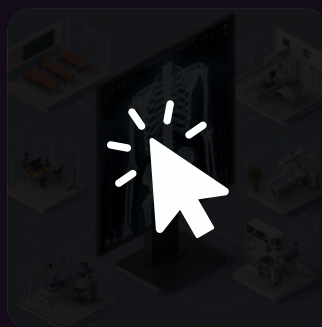
Why RadTrainer is the Professional Choice



Efficient X-ray learning
with real workflows



Full library of clinical images
across all body parts



Flexible training in any
non-hospital environment



Safe practice with
no X-ray exposure

Configuration Options

Flexible training configurations ranging from standalone software to fully integrated X-ray system environments.

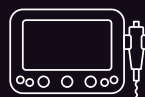


BASIC

Standalone Software

RadTrainer

- Runs directly on a PC or laptop
- Ideal for classroom learning and theory-based practice
- Full access to positioning guidance, simulated workflow, and image viewing
- No additional hardware required



PLUS

SW with Touch Console

RadTrainer

Smart Touch Console

- Connects RadTrainer to Smart Touch Console
- Enables hands-on operation with physical buttons and knobs
- Delivers a more real workflow experience
- Suitable for skill-based practical training environments



Integration

SW with Complete Systems

RadTrainer

DRGEM X-ray Systems

- Complete setup with RadTrainer, DRGEM X-ray Systems
- True-to-life workflow from positioning to exposure
- Ideal for advanced clinical and skill-based training environments
- Full control features are available when integrated with our system

DRGEM
Your Best Healthcare

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