OPTIMIZED READING ROOM ENVIRONMENTS

...from innovation to installation

evolve medical imaging

Why Optimize?

Digital technology has yielded many benefits, however, at the same time it has introduced new challenges for the Radiologist that impede performance. Large data sets and complex viewing environments has created:

- Higher stress & fatigue
- Musculoskeletal disorders & injury

To mediate these challenges, a growing number of institutions are addressing optimization of their reading rooms. A well-designed and optimized ergonomic environment adapts to the needs of the individual, enhances the interpretation process and aids in the well being of the Radiologist. Therefore, by design, it offers a measurable impact on accuracy and productivity, and on comfort and safety.

"Not simply a workstation…but an ergonomic environment that adapts to multiple body types to maximize workflow and improve performance."

The Benefits of an Optimized Reading Room

- Workspaces that adjust to the individual requirements of various body types and work habits, to offer a truly flexible and customizable workspace
- Displays that help Radiologists visually process more diagnostic information in less time and with less eye fatigue, to enable a higher level of interpretation for longer period of time
- Increased comfort, increased productivity, reduced stress and reduced computer related injuries
- A more orchestrated clinical and administrative work flow for optimal efficiency
- Improved proficiency in managing data with advanced IT solutions
- Institutions can better leverage the benefits of PACS and other advanced digital technologies

OPTIMIZED READING ROOM ENVIRONMENTS
The process from innovation to installation

Instantly Customizable... In Every Way!

- Motorized height adjustment
- Monitors tilt and can be raised and lowered as needed
- Adjustments can be made for focal depth and position changes
- Optional programming reminds users when it's time to change position

Adaptable Solutions....Comprehensive Training!

Evolve understands a Radiological environment can fluctuate from busy and highly collaborative one moment, to one in which extreme focus and quiet is needed the next. Our reading room environments can be designed to accomodate both these needs. We also know one size does not fit all and therefore, each workstation is custom designed to ensure the highest quality solution for every unique need.

We provide complete delivery and assembly of all products on-site including hardware and software. We also provide comprehensive training for all the ergonomic products, computer systems and applications we offer.

Phase 1: Assessment

- Existing space
- Workflow efficiency & Traffic management
- Type and number of workstations required
- Monitor configurations
- Advanced technology needs
- Requirements of analog viewing
- Budget and cost control

Phase 2: Concept Development

- Space designation and layout
- Ergonomic furniture systems
- Acoustical treatments & Partitioning
- Lighting features and placement
- HVAC considerations
- Capability to add future functionality

Phase 3: Customized Work Zone Design

- Individual Radiologists physical and environmental needs
- Institutional objectives
- Customized ergonomic workstation furniture
- Display mounts appropriate to space and workflow needs
- Ambient and task lighting
- Ergonomic seating and personal accessories

Phase 4: Scheduling, Delivery and Installation

- Quick and accurate delivery within project budget
- Smooth progress
- Timely completion
- Complete installation including all computer systems

Phase 5: Training

Evolve provides comprehensive system training on all features of the reading room environment including personal ergonomic training on all workstation furniture.

What Our Clients Are Saying

"We are very pleased to have Evolve/Redrick as a major participant in our Reading Room of the Future project. The two rooms they did for us are customized for each room's size, shape, and workstation hardware. We have found that optimizing our reading room design has resulted in increased comfort and safety and decreased stress. When combined with the ability to fine tune our lighting and with the use of sound absorbing materials and sound masking, this results in improved efficiency as well as diagnostic accuracy."

Eliot L. Siegel, MD, FACR, FSIIM
Professor and Vice Chair of Imaging Informatics at the University of Maryland School of Medicine in Baltimore

"Evolve and the ACR Education Center have worked hand in hand to develop interactive methods for Radiologists' to understand the importance of good ergonomics and a properly designed work environment. We know this effort is producing a dramatically heightened awareness which is translating to increased comfort and safety in our members work day."

Vinay Sandhir
Director, ACR Education Center

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