



EXPERIENCE THE DIFFERENCE

OPTIMIZING THE RADIOLOGISTS WORK ENVIRONMENT

Optimizing the Radiologist Work Environment...
a hands-on and educational initiative developed
in conjunction and cooperation with
The American College of Radiology Education Center.

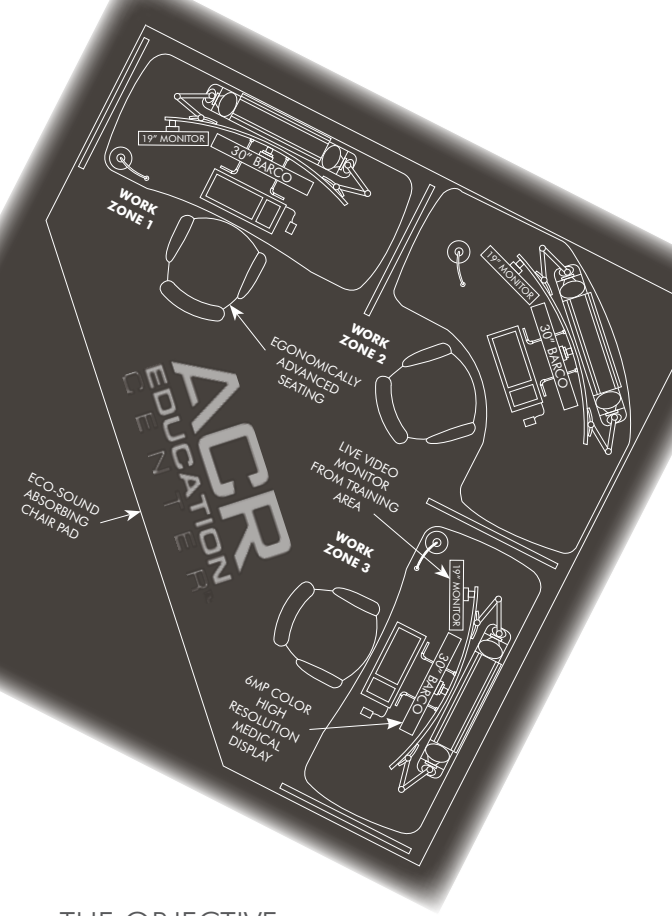
ACR
EDUCATION
C E N T E R™

evolve
medical imaging

REDRICK
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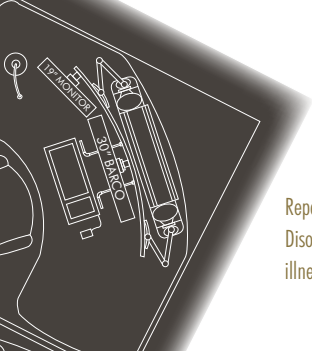


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THE OBJECTIVE

Optimizing the Radiologists Work Environment was developed to be an extension of the ACR continuing education series. The objective is to demonstrate and educate how an optimized reading environment enhances the interpretation process and benefits the physical well being of the Radiologist by optimizing both the work zone and the overall room conditions. Enhanced ergonomics combined with optimal lighting and sound conditions has proven to increase comfort, productivity, and diagnostic accuracy.



Repetitive Motion Illness or Cumulative Trauma Disorders represent almost 1/2 of all occupational illnesses reported by the Bureau of Labor Statistics

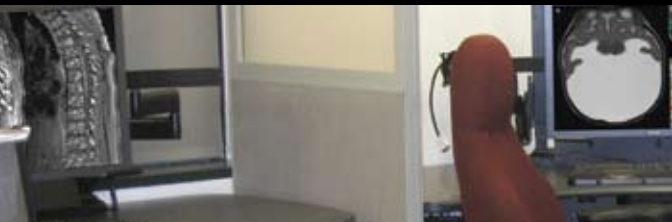
Ergonomic environments allow institutions to fully realize the benefits of PACS and other advanced digital technologies.

THE INSPIRATION

Advanced digital imaging modalities producing larger and larger data sets combined with complex computer based viewing applications have dramatically changed the Radiologist's workday. The significantly higher volumes of anatomical data, advanced visualization applications, and poorly engineered workspaces have resulted in a growing trend of higher stress levels and computer related injuries for Radiologists. While new technologies have yielded many benefits for the patient and the Radiology department, it has at the same time exposed new challenges for Radiologists both physically and mentally. Increases in work related musculoskeletal disorders, injury of the spine, eye fatigue and decreased visual acuity has driven many institutions to assess the value of ergonomic environments and their impact on accuracy and productivity.

Ergonomic disorders including Carpal Tunnel Syndrome, various tendon disorders and lower back injuries, are the most rapidly growing category of OSHA recordable injuries and illnesses.

EXPERIENCE GREAT



The understanding of Radiologist true needs, inspired the engineering of flexible workspaces that could adjust to the individual requirements of various body types and work habits. In addition, broad knowledge of ergonomics and biomechanics as well as specific technical expertise was needed to create an environment in which the individual Radiologist could experience measurably greater comfort. As a result, *Optimizing the Radiologists Work Environment* was created as an educational resource focusing on the systems and behavioral changes needed to achieve enhanced competence, maximum productivity, and increase safety for the Radiologist.

For online educational resources,
please visit: **www.comfort4rads.com**

For more information regarding
*Optimizing The Radiologists
Work Environment*, please call Evolve
Technologies Corporation
at **1-888-315-9007**

1% of the population has been estimated to suffer from carpal tunnel syndrome

In 1997 work related musculoskeletal disorders reached 275,000 cases

ATER PRODUCTIVITY



AN EDUCATIONAL RESOURCE

The ACR Education Center™ provides a state of the art facility for Radiologists to improve their proficiency in managing data and viewing environments. Through the collaboration of an extensive network of trade partners and industry experts, Optimizing the Radiologist Work Environment takes the next step by extending the education to the Radiologist's physical environment. It offers the possibility to learn more about the benefits of an optimally designed work environment through practical hands on experience with advanced ergonomically designed systems, web based on-going education at www.comfort4rads.com, and periodic on site consultations.

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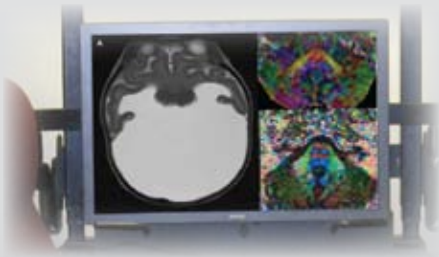
Experience More Comfort

Ergonomic chairs help to achieve a correct neutral position to support and maintain the natural curve of the spine and provide greater comfort.



Experience Increase Productivity

Customized ergonomic workstation furniture promotes movement and helps to sustain proficiency. Radiologists experience less stress, more comfort and greater productivity.



Experience Optimized Viewing

Optimizing the viewing environment is paramount to achieving an accurate diagnosis. Displays which provide higher luminance and resolution, enable Radiologists to perceive and process significantly more information.

EXPERIENCE COMFORT

Ergonomic environments improve operational workflow, reduce stress, reduce computer related injury and allow for greater comfort and productivity.

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Evolve is a leading provider of specialty medical imaging solutions that enhance digital work flow and productivity.

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Redrick, through its' US distributor Evolve, provides reading room design and advanced ergonomic workstation work zone solutions to hospitals, imaging centers, and Radiologists' home office.

www.redricktechnologies.com



Barco is the recognized industry leader in medical grade display technology for diagnostic, review, and specialty applications.

www.barco.com

Contributors



Milestone is a leading designer, marketer and distributor of audio/visual mounting equipment and display solutions.

www.milestone.com



Liform provides handcrafted ergonomic chairs made from the finest quality leather and fabrics.

www.liformchairs.com



Contour Design offers ergonomic products that enable computer users to work for extended periods of time without the risk of physical pain or injury.

www.contourdesign.com



Ecosurfaces manufactures high-quality, recycled rubber flooring in a wide-range of patterns and colors that makes viewing while standing more comfortable for extended periods.

www.ecosurfaces.com



Linak is an international company and the world leader in designing and manufacturing electric linear actuator systems.

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Finelite designs and manufactures high performance, environmentally sustainable personal lighting systems for offices and educational facilities.

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Lacasse is a leader in the design, manufacture and service of a broad range of high-quality thermofused laminate office furniture products.

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