

# Ergonomics for EMS

A little more on **Safety Solutions HR, Best Practices Product** and myself.....shed the “insurance guy” and back to my roots! I am submitting the article below, **A Study of the Effectiveness of Ergonomically-Based Functional Screening Tests** to the Siren as well.

*Safety Solutions*, emerged in 1990, as a Ergonomic & Workplace Safety Consultancy established by Gary L. Jarvis, PT, ATC, OT, OPA-C (Inactive). The concepts learned from treating athletes during the 1970's and 80's were transferred to the workforce, “the industrial athletics”, to provide specialized rehabilitation that stimulated the specific job tasks required in their work. In addition, ergonomic job tasks analysis was developed to assess the physical and functional abilities required to perform all essential functions/physical demands of the job. This led to the development of ADA complaint job descriptions and Human Resource Tool that provides job specific data to assist in the new hire and post injury decision making process at the same time transferring the legal liability to a third party

Jarvis has extensive experience in clinical orthopedics practicing as a Physician's Assistant, occupational and industrial medicine, rehabilitation and workers' compensation. As an ergonomic and rehabilitation consultant, he has provided consulting, training and research services for business and industry nationwide. Jarvis is a certified ergonomics instructor for the Biomechanics Corporation of America, a leading ergonomic company, professional member of The American Society of Safety Engineers, a former committee member of The State of California, Department of Industrial Relations, Industrial Medical Council, Musculoskeletal and Scientific Committee, the Human Factors and Ergonomics Society and former CAL/OSHA Healthcare & Ergonomic External Consultation Service.

Mr. Jarvis is inactive in his clinical practices, however, continues to be active in workplace ergonomics and now brings his experience and expertise to the medical transportation industry. He developed insurance agencies specializing in healthcare and has assumed an inactive status as his children and longtime associate take over the agencies and now devotes his full time to ergonomics/workplace safety and the Human Resources Ergonomic Product.

Jarvis' accomplishments include, the development of Sports Medicine Clinics of America, The Texas Back Institute, Back Institutes, 12 facilities nationwide, the Irvine Medical Center, Orthopedic Service, the Physical Assessment & Reactivation Center, a sports and spine isointerial and isokinetic testing and rehabilitation center. Jarvis was bestowed a “Pioneer in Spine Rehabilitation” by the President of the North American Society, William Kirkaldy-Willis, MD during the 1985 annual meeting in Dallas, TX,