

THE WORLD'S ONLY PREDICTIVE MOTION ANALYTICS SYSTEM

PROMOTE EMPLOYEE HEALTH

Cerner Corp. saves \$550,000 on employee joint and muscle health costs with DARI

Client Situation Cerner, an electronic medical records company, is one of the largest employers in Kansas City, and self-insures its 22,000 employees. To reduce insurance costs, Cerner decided to track employees' motion health. They wanted to focus on musculoskeletal injuries — the most significant area of expense in workplace health. Reducing joint and muscle injuries would reduce costs, and also increase work productivity.



DARI Solution Two DARI systems were installed at two Cerner campus locations. Employees were screened as part of an annual physical, or at the time of injury. Over the course of one year, thousands of employees were screened and, in 16 months, Cerner was able to identify 1,160 people with musculoskeletal health risks. In many ways, the DARI system became an on-site clinic, meeting high patient workflow demands.

Business Impact Because Cerner is self-insured, the company was able to accurately document the effects of screenings on healthcare expenses. At the end of one year, the company had reduced healthcare costs for musculoskeletal injuries by 30 percent. And over 16 months, Cerner identified \$550,000 in preventable health costs. The DARI system's early detection and pinpoint accuracy allowed employees to choose non-surgical treatments and significantly reduce the need for high-cost imaging services.



30% reduction in muscle and joint care costs. Bone and joint health costs account for \$950 billion* a year in the U.S.

ON THE JOB

Musculoskeletal injuries and disorders are one of the top cost drivers related to any company's healthcare expenses. These disorders are associated with high costs to employers, such as absenteeism, lost productivity, increased healthcare disability, and workers' compensation.

According to the CDC, musculoskeletal issues account for nearly 70 million physician office visits in the U.S. annually, and an estimated 130 million total incidents treated during outpatient, hospital and emergency-room visits.

It has been reported that annual costs for bone and joint healthcare are \$950 billion — 7.4% of the gross domestic product of the U.S.



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