Uncover hidden data
Conduct objective, repeatable analysis
Perform continuous process improvement

Using objective analysis to reduce injury risk

Work-related injuries and illnesses are preventable. But identifying cost-effective solutions, and implementing them in a cost-effective manner, is a formidable challenge. When a worker is injured on the job, the costs—medical, indemnity, disability, and productivity—can be staggering. In addition, injury prevention programs can be costly to design and implement. Yet, recent reports indicate that these costs can be curtailed through the use of objective, data-driven solutions.

1. PhysioDemand Profile
Producing dynamic, and risk index curves, as workers engage in certain job tasks, with a high degree of accuracy. PhysioDynamix is an analytic solution that uses data from non-invasive sensors to develop a high degree of accuracy. PhysioDemand analysis is used to determine the risk of high-risk tasks.

2. Productivity Fitness
Productivity declines and injury risk increases as workers become fatigued. With data insights, employees can be assigned to jobs that are the best possible physiological match. In addition, steps can be taken to address factors that contribute to fatigue, such as repetition, lifting, carrying, pushing or pulling, vibration and awkward postures.

3. Risk-Based Intervention
Clinical algorithms are integrated to help identify workers at risk. The results can be used to develop high-risk intervention programs. Employers can apply collective findings to support and manage employees. Results can be used to develop high-risk intervention programs. Employers can apply collective findings to support and manage employees. Effective interventions can be guided by the development of state-of-the-art engineering and administrative controls. The final risk assessment includes:

- Identifying high-risk tasks
- Identifying high-risk jobs
- Identifying high-risk employees
- Identifying high-risk programs
- Identifying high-risk environments
- Identifying high-risk interventions

Potential applications include:
• Workstation, tool and equipment redesign
• Shift work and job rotation scheduling
• Functional written job descriptions
• Training and injury prevention programs
• Pre/post functional capacity exam comparisons

Benefits
Companies using objective, data-driven Wearable Ergonomic Assessments report:
• Decreases in overuse injury rates
• Medical and indemnity savings
• Declines in workers’ comp claims
• Improvements in performance and retention
• Fewer work-related injury determinations
• Savings on insurance premiums

They also benefit from showing how much they care about their employees’ health, safety and personal well-being.

About WorkCare
WorkCare, Inc., is a leading provider of physician-directed occupational health services in over 40 states. Our innovative solutions are designed to meet the workforce health management needs of companies of all sizes and industries. Through a combination of advanced technology and experienced professionals, we offer a comprehensive range of services, including occupational health testing, injury management, ergonomics assessments, wellness services and programs, and consulting services.

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