

CASE STUDY: Reducing Musculoskeletal (MSD) Injuries

Manufacturing company reduces MSD injuries by 100% in one year



A heavy manufacturing client was suffering from a high work-related MSD injury rate over the course of four years with ergonomic injuries representing 35% of their lost work days. The out-of-work time and workers' compensation costs were impacting employee morale and the company's bottom line.

Briotix Health Solution

A Briotix Health comprehensive Industrial Sports Medicine™ program was implemented. The program, better known as PIES, offered a four-part approach to address team members MSD injuries:



PREVENTION

Ergonomic assessments were performed throughout the plant to identify tasks with high ergonomic risk. Programs were then designed to specifically target these high-risk tasks.



INTERVENTION

Early discomfort management services were implemented emphasizing early detection of discomfort and physical strain. These tactics included onsite physical therapy, stretching, coaching, and education.



ENGAGEMENT

A robust safety concern and improvement suggestion system was rolled out to empower employees to voice their concerns about risks and provide ideas for ergonomic improvements.



SOLUTIONS

Engineering solutions were implemented to reduce the strain and repetitiveness required from certain job-related tasks. Devices included lift assist equipment, adjustable work stations, and process changes.

Results

