

CASESTUDY

Industrial Physical Capability Services (IPCS)

**Biodex System 4 — “New Hire” Screening and
Return-to-Work Programs Begin Here**

BIODEX
Biodex Medical Systems, Inc.

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Employers of all sizes are paying attention to the cost of workplace accidents. While the number of reported cases, according to the Bureau of Labor Statistics has decreased overall, in the most recent reported year 2009, there are occupations in the private sector such as hospital workers and truck drivers showing increases. And the news for the public sector worker was not good.

For the first time, in 2008, a Survey of Occupational Injuries and Illnesses (SOII) collected national data on 19 million state and local government workers which showed these public sector employees experienced a significantly higher incidence of work related injuries and illnesses in 2008 than did private sector employees, as reported in the Bureau of Labor Statistics, February 2011 issue of the Monthly Labor Review. The decrease overall is misleading as those performing strenuous and repetitive work are getting injured at an alarming rate.

The Biodex Multi-Joint System 4 is a progressive and innovative tool providing rehabilitative testing and strengthening from the frailest patient to world class athletes. Understanding an individual's strengths and weakness for employment and return to work has been made more precise through objective data generated from the System 4.

Biodex was selected by a highly respected leader in occupational and industrial medicine, Thomas B. Gilliam, Ph.D. of Industrial Physical Capability Services (IPCS), where utilization of the System 4 has increased profits and made a difference in rehabilitation. "The clinic owner likes the concept reimbursement point-of-view. Most clinics today contract out their functional capacity evaluation (FCE's) because of the time and cost, so the clinician sees the isokinetic PCE as an opportunity to make more money," explains Gilliam.

The System 4 is a complement to IPCS' Physical Capability Evaluation (PCE) reports Gilliam developed for his company's network of over 500 providers in 47 states and Canada. "It takes the clinician approximately 30 minutes to administer the single joint bi-lateral test," states Gilliam, adding the reimbursement rates for the evaluation and interpretation are much greater as compared to other diagnostic systems. It takes less time to administer and the reimbursement on an hourly basis is greater—nearly, 3 to 4 times greater. Some clinics are receiving up to \$500 per PCE."

The Biodex System 4—25 years of Firsts!

Since Biodex introduced the world's first multi-mode computerized robotic dynamometer, with advances over the years, it is still the fastest way to identify, treat and document the physical impairments that cause functional limitations.



Tom Gilliam, Ph.D., President, IPCS

- Advanced dynamometer technology for greater performance
- Accommodates pediatric to athlete applications
- Touch-screen
- Reduced floor space
- Wider range of normative data
- Expanded after sale support, installation and continuing education programs

Biodex continues to combine the art and science of rehabilitation in easy-to-use systems delivering patient and clinical results to meet market demand.

In response to this and industry demand, the Biodex System 4 is a pioneering breakthrough in neuromuscular testing and rehabilitation technology. The System 4 is also part of a line of products developed to help a therapist

capitalize on new methods of treatment. Success has been measured through the patient's ability to achieve a fast, effective, documented return to function as the System 4 is unusually sensitive to a patient's limits. Clinics using the Biodex System 4 report not only patient success but an increase in revenue.

Employing the IPCS PCE program is an exciting growth opportunity for clinicians looking to enter the RTW and pre-employment testing business. Physical therapists are able to quickly utilize all the diagnostic and exercise functions the System 4 provides. As a result, time is saved, productivity and revenues increase.

The New York State Worker's Compensation Board reports, "There is only a 50 percent chance that an injured employee will return to work after a six month absence," the probability of a worker returning continues to decline after a year, and more so after a two-year period of absence. The need is there, results need to happen. Getting patients back to work at a level which is safe, shows progress and increases confidence is one of the reasons the Biodex System 4 has been embraced.



Biodex Multi-Joint System 4

“Obtaining defensible, objective, reliable and valid data are critical components when performing physical capability strength tests to industry. The Biodex Isokinetic System provides my company, the quality control we need to satisfactorily provide new hire and return-to-work evaluations.”

*Tom Gilliam, Ph.D.
President
IPCS*

Biodex is always advancing our technology to serve you better.

System 4 Pro™
www.biodex.com/s4

For more information on Biodex Physical Medicine & Rehabilitation devices:

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