

Evaluating Rehab & Therapy Products

“Noraxon products provide objective SEMG documentation making an incredibly effective presentation for clinicians and patients.”

-Phil Page, MS, PT, ATC, CSCS
Manager of Clinical Education and Research
Thera-Band® Academy
Baton Rouge, LA

COMPANY DESCRIPTION

Thera-Band® Academy is an international organization committed to promoting research and education on Thera-Band® products to healthcare professionals. Thera-Band® products comprise of rehabilitation and therapy products, such as elastic resistance bands and tubing, exercise balls and mats, flexible bars, stability trainers, and more. The Academy also helps facilitate the link between the patient and consumer through patient education resources.

SITUATION

One of the main goals of the Academy was to provide objective documentation of Thera-Band products. Director of the Academy, Phil Page, MS, PT, ATC, CSCS, stated that few SEMG studies existed on the use of elastic resistance and exercise balls, even though over 90% of physical therapists report using elastic resistance¹.

The Academy wanted to quantify the effectiveness of their products with SEMG to provide evidence-based practice. “Quite simply, there are a lot of exercises that we believe work a certain muscle, but we want to be sure. We want to see if one exercise is better than another, giving our products even more clinical validity,” said Page.

SOLUTION

Page was familiar with Noraxon through their reputation and peer recommendations. He was confident that Noraxon would provide just the right equipment and software to assist with Thera-Band’s product testing. He felt Noraxon products were consistent with the quality of products Thera-Band provides.

RESULTS

Noraxon products have significantly assisted in the recording and documentation of efficacy for Thera-Band products. “EMG provides us with visual representation of exactly what is going on during a particular exercise routine that you can’t otherwise see,” said Page. It has allowed the Academy to demonstrate patient cases in lectures, develop educational materials, and provide evidence of product use for healthcare professional and patients.

CONTACTS

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¹ Page P. 2003. A survey of decision-making and utilization of elastic resistance among rehabilitation professionals. (Abstract). J Orthop Sports Phys Ther. 33(2):A61-62.



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ABOUT NORAXON

Noraxon USA, Inc., located in Scottsdale, Arizona is a manufacturer and distributor of surface and fine-wire electromyography (EMG) equipment, software, electrodes, footswitches, goniometers, and accessories that evaluate the functional status of skeletal muscles, and assist in neuromuscular training and rehabilitation. Noraxon offers the highest quality, most technologically advanced EMG products for research, ergonomic, rehabilitation, and sports/fitness professionals. Every instrument uses a patent-protected signal processing technology that provides clear, consistent, reliable data. Our product line is designed to interface with other equipment and software, allowing flexibility for the user to work in many different research or clinical settings. For further information, contact Noraxon at (800) 364-8985 or visit us online at www.noraxon.com.