

## NEW PRODUCTS

### GAME READY UNVEILS ARTICULATED KNEE WRAP



Last month, Game Ready, Inc introduced an articulated knee wrap at both the American Physical Therapy Association Combined Sections Meeting in Boston, MA and the American Academy of Orthopaedic Surgeons 2007 Annual Meeting in San Diego, CA. Designed for use following knee surgery, the Game Ready Articulated Knee Wrap applies both cryotherapy and intermittent compression to the entire joint. The wrap was developed specifically for constant passive motion (CPM) machines.

To fight one of the most common complications of postoperative treatment following knee surgery – stiffness due to lack of motion – practitioners often prescribe CPM therapy. Cold therapy is also frequently advised along with CPM. But the leading CPM-compatible products currently available offer no intermittent compression and provide limited coverage of the knee.

The new Game Ready Wrap offers the benefits of vasopneumatic compression and cryotherapy, and was designed to maximize coverage – thus application of therapy – to the complete joint. As a result, the Game Ready knee wrap promises patients a faster recovery.

Game Ready is packaging its knee wrap in multipatient packs. Each wrap, plus 3 single-patient covers that must be used with the device for reasons of sanitation and fit, costs \$500. A 6-pack of single-patient covers without the wrap runs \$300.

Game Ready of Berkeley, CA offers a broad range of ergonomically designed wraps to accelerate recovery. These wraps, which apply patented NASA technology to administer the most difficult-to-manage aspects of RICE (rest, ice, compression, and elevation) therapy, are used by several orthopedic clinics, including Steadman-Hawkins, Kerlan-Jobe, OrthoIndy, and Santa Monica Sports Medicine Institute.

For more information, contact [www.gameready.com](http://www.gameready.com).

### VQ ORTHOCARE LAUNCHES OFF-THE-SHELF KNEE BRACES

Irvine, CA-based VQ OrthoCare has unveiled its Catalyst line of off-the-shelf ligament knee braces. The Catalyst braces are available in 3 configurations to accommodate individual patient anatomies and activity levels. A provider of solutions for the treatment of bone, joint, and soft tissue conditions, VQ OrthoCare hopes its design will improve the overall brace-wearing experience for patients with ligament damage, deficiency, and instability.

The Catalyst launch also marks the debut of the company's It Fits™ technology – a design approach that enables each knee brace to accommodate the individual patient's anatomy with regard to range of motion, suspension, and comfort. VQ OrthoCare maintains that It Fits™ technology also helps ensure ligament protection by automatically adapting to anatomical changes patients may experience, resulting in improved patient compliance, more positive outcomes, and increased levels of satisfaction.

The Catalyst series of braces includes the Catalyst™, Catalyst Contact™, and Catalyst X™ braces:

● With its Active Thigh Cuff™ (ATC), the Catalyst™ model absorbs soft tissue profile changes in the thigh during activity to provide a consistent skeletal force and improved suspension. The ATC's flexibility allows the patient to perform with

a wider range of motion. The company claims that in field surveys most patients were able to bend their legs into a deep-flexion or a full-squatting position without pain, pinching, or brace resistance.

● The Catalyst Contact™ model incorporates the autoconform aluminum thigh shell, promoting a custom fit and the increased stability required for contact sports.

● The Catalyst X™ model features open medial aluminum shells that provide increased clearance and comfort on the medial aspect of the thigh and calf, making it ideal for activities such as skiing, snowboarding, skateboarding, motocross, bicycle motocross (BMX), and horseback riding.

All 3 models feature VQ OrthoCare's Tibial Docking System™, which conforms to each patient for tibial fit and control. By accommodating the natural contours of the tibia, VQ OrthoCare claims that the docking system relieves often-cited problems of tibial crest sensitivity, pressure, and friction associated with existing brace designs.

Catalyst™, Catalyst Contact™, and Catalyst X™ come in multiple lengths and sizes. Replacement pads and straps and additional accessories are also available.

For more information, visit [www.vqorthocare.com](http://www.vqorthocare.com), or call 800-266-6969.

### BORT MEDICAL BRINGS ZIPPER KNEE SUPPORT TO US MARKET



The German company, Bort Medical GmbH of Weinstadt, has brought its GenuZip knee joint bandage to the US market. The GenuZip combines the functionality of a classic knee support with a closing zipper system, making it unnecessary to slip the support over the foot or remove shoes to put the bandage on or take it off.

The GenuZip is helpful to patients with lumbar spine problems, since bending down to don and remove knee supports can be very painful. The bandage's microfiber lining and the pad in the hollow of the knee provide support that Bort Medical describes as comfortable and "skin-friendly." The integrated silicone ring further assures physiological guidance of the patella and provides an intermittent massage, according to the company. The GenuZip can be worn right as well as left and is available in beige, blue, and silver.

The knee support will be distributed through Bort-Swiss Orthopedic Supply, LLC in Commerce, MI.

*For more information, visit [www.bort-swissortho.com](http://www.bort-swissortho.com), or call 248-242-6907.*

## POWER SYSTEMS ADDS TO ITS AQUA RESISTANCE GEAR

Power Systems has announced additions to its line of aqua exercise equipment, including dumbbells, a water flotation belt, and water cuffs. Constructed of nonabrasive, closed-cell Ethylene Vinyl Acetate (EVA) foam, this equipment will not chip or absorb water, according to the company.

- The Premium Water Dumbbells are triangular shaped for variable resistance in shallow or deep water, and have textured grips and removable end caps to allow the user to fill them with water for additional resistance.

- The Premium Water Flotation Belt is designed to contour to the user's body to ensure support, buoyancy, and resistance. The attached nylon belt adjusts to fit most waist sizes and is recommended for weights from 120 lb to 220 lb.

- The Premium Water Cuffs can be

used on the ankles or wrists to add buoyancy without bulk to shallow- or deep-water exercises.

The dumbbells are priced at \$34.95/pair, the water cuffs at \$29.95/pair, and the flotation belt at \$39.95.

*For more information, visit [www.power-systems.com](http://www.power-systems.com).*

## OPTP OFFERS THE BOSU® DSL TRAINER



OPTP is marketing the BOSU® DSL (dynamic stabilizing load) Trainer™, a fitness ball from BOSU®. This ball contains 5 lb in weighted beads and has a 6-sided design for enhanced function, resistance, and technique. The result, according to OPTP, is a stable device that offers little or no movement when pushed during exercise. The DSL Trainer also provides 11,660-lb burst strength.

The DSL Trainer comes with a workout DVD and ball pump. The DVD menu includes an introduction and safety tips, instructions for exercises, and DSL Trainer workouts. Two people demonstrate each exercise – one executing a less intense beginner version – and the other demonstrating advanced options.

*For more information or a free OPTP catalog, visit [www.optp.com](http://www.optp.com), or call 800-367-7393.*

## LIFT & CARE SYSTEMS HELPS SENIORS STAY IN THEIR HOMES

Lift & Care Systems has established a Senior Home Retrofit Division, offering

free consultations to seniors who wish to age in place, helping them develop affordable customized solutions intended to enhance the accessibility and adaptability of their homes.

Simple physical improvements or modifications that do not require a complete remodeling of a home include such adaptations as the installation of grab bars in the bathroom, the addition of a hand-held shower or a shower seat, and a raised toilet seat. Ramps or stair lifts can also be installed without major renovations, according to the company.

Lift & Care Systems has also launched a Ramp Division, specializing in the installation of rust-free ramp systems that are durable, affordable, and require no maintenance. Ramp systems can be purchased for long-term use, or rented for temporary access, providing a solution for an individual experiencing a temporary disability. Since the ramp systems are designed for easy installation and can be rented on an as-needed basis, they provide a solution for access to specific events, such as a wedding, graduation, or anniversary.

Founded in 1993, the Lakeville, MA company is dedicated to quality of life for seniors and persons with disabilities and offers an array of products and customized solutions designed to enhance users' mobility.

*For more information, visit [www.lift-andcaresystems.com](http://www.lift-andcaresystems.com).*

## NORAXON USA UPGRADES ITS PORTABLE MEASUREMENT TECHNOLOGY

Noraxon USA's latest portable measurement device, MyoTrace 400, offers surface electromyography (SEMG) as well as a variety of compatible "plug-in" sensors (force transducers, goniometers, inclinometers, accelerometers, hand dynamometers and foot switches) for use by clinicians to obtain objective measurements.

When used as a standalone unit, the MyoTrace 400 displays 2-channels of

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SEMG data or data from several other types of sensors on a full color screen with a variety of display options and numerous measurement and feedback functions (eg continuous, work/rest, and motor copy).

While self-contained, the device also may be connected to a personal computer and used for more advanced analysis with the Scottsdale, AZ company's MyoResearch XP Software. In its 4-channel/PC mode, using Bluetooth data transmission technology, the MyoTrace 400 becomes a telemetry unit, allowing free motion up to 20 m from the device and presenting data in realtime on the computer monitor. In addition, using the MyoResearch software, data can be synchronized with DV video.

While it contains research-quality hardware, the MyoTrace 400 system was designed for the clinician interested in accurate and quick measurements. The device is intended for use by these practitioners in orthopaedic, neurological, clinical sports training, ergonomic, and scientific research settings.

For more information, visit [www.no-raxon.com](http://www.no-raxon.com), or call 800-364-8985.

### WELLGATE™ PRODUCTS LAUNCHES ATHLETIC SUPPORT PRODUCTS DESIGNED FOR WOMEN

Wellgate™ Products, LLC of New York, NY has introduced a line of athletic support products made exclusively for women. Designed to fit the contours of female anatomy, the 5 Wellgate for Women products include wrist and ankle supports and a knee strap, support, and comforter.

According to the company, its design team of female physical therapists, athletes, and product designers created the line to alleviate the types of pain and injuries from which this gender most often suffers. Specifically, the group concentrated on biomechanical rationales, sizing, and styling for products intended to address carpal tunnel syndrome, tears of the anterior cruciate ligament, runner's knee or chondromalacia patella, and arthritis. Wellgate also cataloged and assessed the measurements of more than 6,000 women to sculpt products to fit women's contours and create a sizing system that permits a woman to select the proper strap, support, or comforter size according to her height and weight.

All 5 products are made of lightweight, breathable, soft materials that keep the wearer cool and sweat-free. In addition, the knee supports have a patent-pending control top that smoothes the skin of the upper thigh instead of letting it bulge or roll over the edge of the support.

Wellgate's products and their prices and uses follow:

- The Women's Slimfit Wrist Support (\$19.99) helps relieve pain from sprains, strains, and carpal tunnel syndrome, a condition women are 3 times more likely to experience, according to the National Center for Health Statistics. Tailored to fit the curves of a woman's wrist, the device is made with memory foam and soft microfiber fabrics.

- The Women's Slimfit Ankle Support (\$10.99) is designed to address ankle sprains. The support is constructed

without seams under the foot and uses breathable fabric to help prevent skin irritation and sweating.

- The Women's Gel-Comfort Knee Strap (\$13.99) helps alleviate pain around the kneecap and below the knee. The sculpted gel pad applies pressure to the patellar tendon, easing the swelling or tendonitis which can be caused by women's more angled hips, misaligned kneecaps, or less developed muscle tone. The strap can be closed with 1 hand and features an hourglass design that fits snugly below the knee.

- The Women's Quilted Knee Comforter (\$19.99) and the Women's Gel-Comfort Knee Support (\$26.99) are designed to soothe the pain and stiffness that may accompany a variety of knee ailments. The knee support has a patella shield, shaped to help guide the patella in its natural groove. The comforter is intended for use either with arthritic knees, to help insulate against changes in temperature, or during athletics to keep knees free from perspiration.

For more information, visit [www.wellgateproducts.com](http://www.wellgateproducts.com), or call 888-434-WELL (9355).

### SPELLEX ENSURES SPECIALIZED DICTIONARIES' COMPATIBILITY WITH MICROSOFT OFFICE

Spellex Corporation of Tampa, FL, has made its medical and pharmaceutical spelling software compatible with 2007 Microsoft Office. By adding the Spellex Medical and Spellex Pharmaceutical dictionaries to Microsoft Office's latest English language spell checker, users can verify the spelling of medical and pharmaceutical words and substitute correct spelling choices for incorrectly spelled terms. The standard English language dictionary and the Spellex specialty dictionaries are checked simultaneously.

When combined with the features of 2007 Microsoft Office, the Spellex dictionaries enable the user to:

● Find and flag contextual spelling errors

● Check all 2007 Microsoft Office applications, including Word, Excel, Access, and Outlook

● Share custom dictionaries with others, permitting the addition of words to the spell checker

● Create exclusion dictionaries to flag words the user wishes to avoid

● Perform global changes to spelling options and save those changes across the 2007 Microsoft Office suite

Spellex Medical adds more than 300,000 medical words from over 70 medical specialties to the basic speller. Spellex checks for the accurate spelling of medical and surgical terms, procedures, diseases, drug names, acronyms, eponyms, medical devices, abbreviations, Greek terms and diacritical markings such as Behçet's syndrome and Legg-Calvé-Waldenström disease. Spellex Pharmaceutical correctly spells the names of thousands of over-the-counter drugs and prescription pharmaceuticals, generic and trade name drugs, Latin and Greek terms, orphan drugs, pharmaceutical manufacturers, and drug distributors.

Prices for the medical and pharmaceutical dictionaries start at \$99.95. Multiuser licenses and educational discounts are available. In addition to Microsoft Office, Spellex dictionaries are compatible with other Windows programs, developer tools, custom applications, and web browsers, and are available in US or UK English.

*For more information, visit [www.spellex.com](http://www.spellex.com), or call 800-442-9673, or 813-792-7000.*

## AQUATICS BY SPRINT UNVEILS AQUA BIKE

This spring, Aquatics by Sprint of San Luis Obispo, CA is introducing a patented aqua bike with adjustable re-



sistance for exercise, rehabilitation, and therapy. Several years in development, the Recumbent Aqua Bike is intended for professional settings where patients and other individuals can engage in activities designed to help them strengthen leg joints and muscles, relearn motor skills, recover from hip or knee surgery, or enhance cardio workouts, among other objectives.

Made of stainless steel with a plastic seat and a safety belt, the aqua bike is rust resistant in a pool. The bike weighs 50 lb, enabling 2 people to lift it in and out of the water.

The Recumbent Aqua Bike seat can be adjusted to accommodate a variety of individuals, from a child 4 ft 3 in to an adult 6 ft 4 in. The lengths of the body and legs are important in positioning the seat for chest deep water. The seat can be moved forward/backward and up/down. Resistance can be adjusted with the turn of a knob. For the child who has never been able to ride a bike or the athlete needing rehabilitation, the bike's adjustable resistance is critical.

Aquatics by Sprint is offering a special discount for the first 50 Recumbent Aqua Bikes sold.

*Call 800-235-2156, or visit [www.sprintaquatics.com](http://www.sprintaquatics.com) for more information.*

## NOTEWORTHY

● Vestibular Technologies of Cheyenne, WY has received a patent from the US Patent and Trademark Office protecting the company's proprietary process of identifying a patient's risk of falling (and also quantifying their risk) in less than 60 seconds by using a force platform and software. A medical practice guideline recommends that patients age 55 and over routinely be assessed for risk of falling, and Medicare now requires that all new Medicare enrollees be screened for risk of falling. The company's product eases this task for healthcare providers by simplifying the initial screening process. Guido Pagnacco, PhD and Elena Oggero, PhD, biomechanical engineers and part owners of Vestibular Technologies, invented the CAPS™ force platform and software involved in the patent.

● EBSCO Publishing of Ipswich, MA, now permits its Health Library™ for Hospitals content to be used as a community outreach tool and evidence-based information for patients during their hospital visits. With added print functionality, Health Library offers healthcare professionals a means of providing branded, evidence-based patient education handouts at the point-of-care. Customizable information sheets can include personalized doctor notes and other information pertinent to a particular patient. These handouts offer medically reviewed, evidence-based information designed for patient comprehension. Health Library covers information on a wide range of medical topics, from general health and nutrition to highly specific conditions, procedures, drug information, and interactive tools. *For more information, visit [www.ebscohost.com](http://www.ebscohost.com).* ●

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