



“The Intellinetix Therapy
Gloves relieve some pain from
the cold winter nights. Definitely
worth trying. The only problem
I have is when I turn them on
everyone around me wants
a neck massage.”





Intellinetix is the first line of products to combine targeted vibration therapy in a portable device at an affordable cost. Vibration therapy works in two ways. First, the gentle vibrations stimulate muscles and ligaments to increase blood circulation. Second, the vibrations serve as a sensory distraction, disrupting pain signals that are constantly traveling from your body to your brain and replacing them with gentle, massaging sensations. Best of all, with vibration therapy, there is no feeling of electric shock commonly associated with TENS units.

PRODUCT LINEUP

Therapy Gloves

Therapy Mask

Headache Band

Ankle Therapy Wrap

Back Therapy Wrap

Calf/Shin Therapy Wrap

Knee/Elbow Therapy Wrap

Quad/Thigh Therapy Wrap

Universal Therapy Wrap

Therapy Calf/Shin Wrap

Therapy Knee/Elbow Wrap

Vibrating Step Sensor



What is your **Vibration Therapy I.Q.?**

Vibration Therapy Benefits

- increase blood & lymph circulation
- reduce pain & inflammation
- promote the immune response
- help joint strength & flexibility
- increase healing of fractures, strains, & sprains
- decrease stress & increase energy levels
- aid in detoxification & removal of wastes from the body

Source: www.vibeforhealth.com

Studies indicate **vibration therapy** may be useful in **muscle rehabilitation** after acute injury.

Source: Does whole body vibration training affect knee kinematics and neuromuscular control in healthy people? Journal of Sports Sciences, Volume 30, Issue 14, 2012 pages 1537-1544

5 minutes of low level vibration therapy was as effective at reducing muscle soreness after strenuous exercise as a 15 minute massage in a recent clinical study.



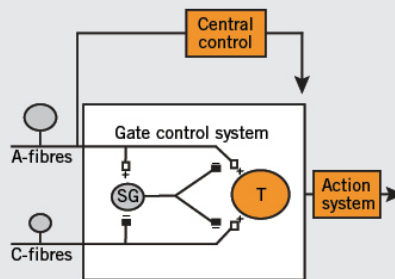
Source: To Compare the Effect of Vibration Therapy and Massage in Prevention of Delayed Onset Muscle Soreness (DOMS) Journal of Clinical and Diagnostic Research : JCDR. Jan 2014; 8(1)133

In a study comparing the effect of vibration therapy and massage in prevention of Delayed Onset Muscle Soreness, vibration was superior for clinical early reduction of pain.

Source: Vibration Therapy in Management of Delayed Onset Muscle Soreness (DOMS), Journal of Clinical and Diagnostic Research : Jun 2014;8(6):LE01-4.

Gate Control Theory of Pain

The Gate control theory of pain was first proposed in 1965 and ultimately revolutionized pain research. "Gate control" is the term used to describe pain relief by confusing your body's own nerves and distracting away from the pain. Nerve sensations of vibration "shut the gate" on the small, fast sharp pain sensations.



Source: "Theories of pain: from specificity to gate control". Journal of Neurophysiology 109 (1): 5-12.

"In a study of patients suffering acute or chronic musculoskeletal pain of different origin,

69% reported a **reduction of pain during vibratory stimulation**

at or around the surrounding area of pain. The maximal duration of pain relief was found when stimulation lasted 25-45 minutes."



Source: Pain alleviation by vibratory stimulation. Lundeborg T, Nordemar R, Ottoson D. 1984 Sep;20(1):25-44.

Studies show osteoporosis patients have experienced significant improvements in bone mineral density and reductions in back pain as a result of vibration therapy.



Source: Prevention of postmenopausal bone loss by a low-magnitude, high-frequency mechanical stimuli: a clinical trial assessing compliance, efficacy, and safety. J Bone Miner Res. 2004 Mar ;19(3):343-51. Epub 2003 Dec 22 .

VIBRATION THERAPY on the **KNEE** has been shown to:

decrease pain,
improve range of motion +
enhance quality of life

in patients with osteoarthritis of the knee when used as part of a comprehensive recovery program.

Source: Efficacy of combined local mechanical vibrations, continuous passive motion and thermotherapy in the management of osteoarthritis of the knee. Osteoarthritis Cartilage. 2009 Oct;17(10):1269-74.

A **2017** clinical study by the Pain Management Center in conjunction with Brigham and Women's Hospital and Harvard Medical School found Intellinetix vibration therapy may significantly reduce pain among those living with arthritis.



Patent Number 13/948,264.

Therapy Gloves

- Embedded vibration
- Positive affirmation grip pattern
- Soft, breathable cotton with compression fit
- Adjustable levels of vibration
- Recharges easily

Item #	Unisex Sizes
07230	Small
07231	Medium
07232	Large



Patent Number 7,601,168. Other patents pending.

Therapy Mask

- Adjustable levels of vibration
- Patented dart design avoids irritating eyelids
- Embedded vibration provides targeted relief
- Adjustable band holds mask in place
- Recharges easily

Item #	Universal size
07236	One size



Headache Band

- Adjustable levels of vibration
- Embedded vibration provides targeted relief
- Adjustable band holds band in place
- Recharges easily

Item #	Universal size
07238	One size



Wearable Vibration Therapy



Ankle Therapy Wrap

- Designed specifically to fit Ankle
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07242	One size



Back Therapy Wrap

- Designed specifically to fit Back
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07239	One size



Calf/Shin Therapy Wrap

- Designed specifically to fit Calf/Shin
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07237	One size



Wearable Vibration Therapy



Knee/Elbow Therapy Wrap

- Designed specifically to fit Knee/Elbow
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07235	One size



Quad/Thigh Therapy Wrap

- Designed specifically to fit Quad/Thigh
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07241	One size



Universal Therapy Wrap

- Designed for maximum flexibility of fit and placement
- Targeted relief from pain
- Customized therapy modes
- Included HUB locks securely in place
- Adjustable strap holds band in place
- Recharges easily

Item #	Unisex
07240	One size





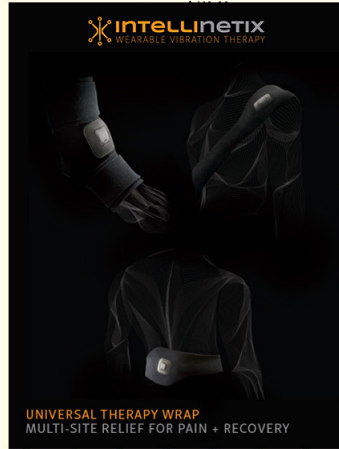
U.S. Patent No. 6,958,681

Vibrating Step Sensor

- Provides a gentle reminder in the form of vibration as user takes a step
- May reduce falls and tripping
- Applies easily with hook and loop closure
- Fits discreetly inside athletic or dress shoes
- Recharges easily
- Prescription required

Item #	Universal size
07105	One size





OUR HISTORY

Physician and surgeon Ivan E. Brown, Sr. launched Brown Manufacturing in 1965 after receiving a U.S. Patent for his invention, the Plastalume® Finger Splint. When sales of this new product increased, Dr. Brown moved operations from a workroom in his basement to a small building behind his residence. Under the leadership of Ivan's son, Ivan E. Brown, Jr., the company continued to expand. The SEAL-TIGHT® Cast and Bandage Protector, introduced in 1989, was instrumental in the evolution of Brownmed, as the product's success resulted in considerable sales and employment growth – and the need for increased manufacturing space.

A lot of things have changed since Brownmed produced the first aluminum/foam finger splint more than 50 years ago – but one thing remains the same, and that's Brownmed's mission: Improving Life is Our Passion.

Today, Brownmed employs more than 70 people and manufactures and sells more than 130 different products to a worldwide market. Exports contribute approximately 20% of sales and Brownmed has distribution relationships in 130 countries. Brownmed has been awarded 24 patents and has 11 pending with the United States Patent Office. Brownmed has 25 registered trademarks.



1964

In his basement workroom, **Ivan E. Brown, MD** invented the Plastalume finger splint.



1965

Dr. Brown founded **Brown Manufacturing** and earned a patent for **Plastalume**.



1967

Dr. Brown expanded to a **2000 sq. ft building** in the backyard of his residence.



1982

A new era began.

Dr. Brown passed away. His three sons took over management of the company.



1985

Recognized with the **Iowa Small Business Exporter of the Year Award**.



1987

The company licensed the technology for **SEAL-TIGHT**.



1989

The company started manufacturing **SEAL-TIGHT** cast and bandage protectors.



1990

The company expanded to a **6,000 sq. ft building** and employed ten people.



1993

A new upper extremity line, **Steady Grip**, was released.



1994

Ivan E. Brown became CEO.

The **Steady Step** lower extremity line was introduced.



1997

A new location and expansion, this time to **30,000 sq. ft.** Credited with the **Governor's Export Award.**



1998

Brown assembled a **Board of Directors.**



1999

Polar Ice cold therapy line introduced.



2003

The company earned the **CE Marking** for entire product selection.



2004

The acquisition of **Soft Stride** orthotics from M-PACT.



2008

Credited with the **Governor's Excellence Award** and listed on the **Inc. 5000.**



2009

Plantar fasciitis line rebranded under **Nice Stretch** banner.



2010

The company acquired IMAK Products Corp. and received the **Ease of Use Commendation** for three products from the Arthritis Foundation.



2013

Brownmed launched **Intellinetix** and joined **Inc. 5000 Honor Roll**, making the list of America's fastest growing companies for the fifth time.



2014

Added **51,000 sq. ft.** to manufacturing facility in Spirit Lake, IA and acquired **NüRoo Products Corp.**



2016

Brownmed acquires Joslin Arm Slings



2016

Brownmed celebrates its **50th year** as a family-owned manufacturer of medical device products.



2017

Kyla Garver became President marking a transition to the third generation of family leadership.



2018

Brownmed launches **Spark Kinetic Sleeves.**



2018

Brownmed executive office moves into a new space.



2019

Brownmed launches **Body Furnace**, adding the first app-controlled device to product portfolio.



2020

Brownmed manufactured and distributed more than 1 million units of lifesaving PPE during coronavirus pandemic.

ABOUT US



OUR MISSION

At Brownmed, we believe you should be able to do what you love, no matter what. We believe pain causes road blocks that diminish your enthusiasm for life. We believe we can eliminate road blocks so you can get back to what drives you. We create products that are comfortable, well made and uncomplicated.

Improving life is our passion.



CERTIFICATIONS

CE Declaration of Conformity

The CE Marking allows Brownmed to trade its products freely within the European Union.

Certificate to Foreign Government

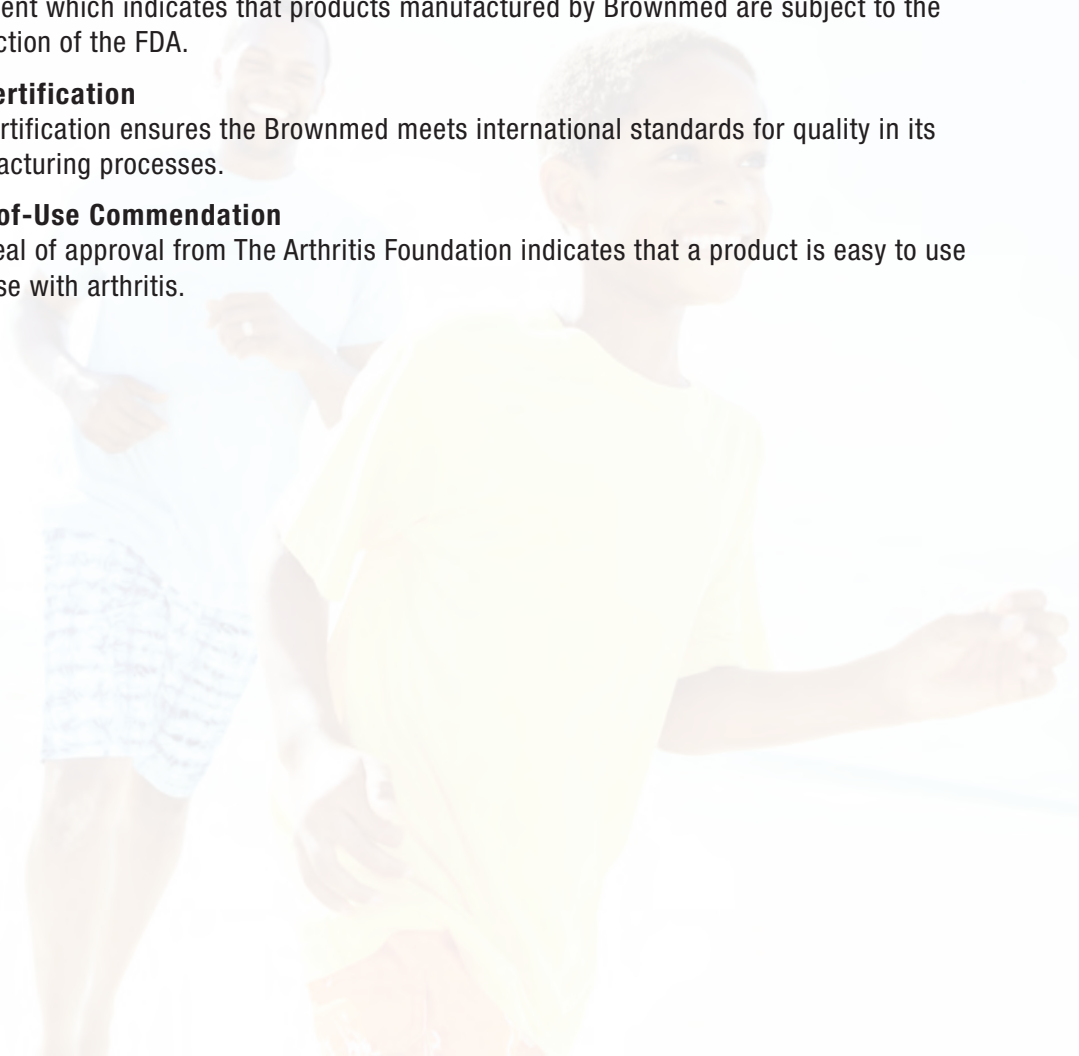
The Certificate to Foreign Government is a United States Food and Drug Administration document which indicates that products manufactured by Brownmed are subject to the jurisdiction of the FDA.

ISO Certification

ISO Certification ensures the Brownmed meets international standards for quality in its manufacturing processes.

Ease-of-Use Commendation

This seal of approval from The Arthritis Foundation indicates that a product is easy to use by those with arthritis.



ABOUT US



GREEN INITIATIVES

Operating Mindfully

Brownmed's manufacturing facility is nestled within the Iowa Great Lakes. In fact, it is less than five miles away from one of only three blue water lakes in the world, West Lake Okoboji. This area is home to more than 500 animal species and we have nearly 20,000 Public Wildlife Acres. Respect for and preservation of the environment is ingrained in our culture at Brownmed.

Our actions – the building and grounds:

We've transitioned to geothermal energy. This eliminated the need for all natural gas for heating. In addition, all air conditioning is provided by geothermal. Lighting is provided by high efficiency fluorescent bulbs that we recycle through an approved Universal Waste Management Company. We voluntarily requested a facility-wide waste management and environmental compliance survey by the Iowa Waste Reduction Center (2005). The lawn sprinkler system is supplied with water from a water retention pond fed by runoff from our roof and parking lot drains.

Our actions – manufacturing processes:

Zoned lighting system and skylights maximize energy efficiency. All used oil is recycled through a used oil recycler. All scrap vinyl and aluminum is recycled.

Our actions – packaging and shipping:

IMAK Compression, IMAK RSI and IMAK Ergo display boxes are made from 75% recycled pulp.

IMAK Compression, IMAK RSI and IMAK Ergo inner and outer cartons are made from 100% recycled pulp. Recycled paper is used for packing fill material. Customers are invoiced electronically to reduce paper use.

Our actions – recycling:

All cardboard generated in the plant is recycled. All batteries are recycled the ergoBeads found in many of our IMAK Compression, IMAK RSI and IMAK Ergo products are 100% recyclable.

INTRODUCING OUR BRANDS



Moisture Protection for Casts,
Bandages Wounds and more



Ergonomic Comfort for
the Digital World



Supporting Kangaroo Care and
Skin-to-Skin Contact



Dynamic Vibration
Therapy Products



Stretch-to-Fit Armslings

NICE STRETCH

Splints and Supports



Cold Therapy for Post-Surgical
Rehabilitation and Other Injuries

Plastalume®

The Best in Splinting Technology



Make Walking Easier
and More Comfortable

softstride™

Flexible Foot Orthotics

