

IMAK® RSI

effective products for
repetitive strain injuries

“I use these wrist supports
at night for sleeping. They
give a lot of support and
I think they help my carpal
tunnel syndrome.”



IMAK[®] RSI

effective products for
repetitive strain injuries

IMAK RSI products provide relief from repetitive stress injuries and are renowned for their comfort and efficacy.

PRODUCT LINEUP

SmartGlove	Knee Strap
SmartGlove with Thumb	Pil-O-Splint
SmartGlove PM	WrisTimer
Computer Glove	WrisTimer PM
Elbow Band	Elbow PM
Elbow Support	Arm Sling



What is your **RSI I.Q.?**

Repetitive Strain Injury (RSI) is a cumulative trauma disorder stemming from prolonged repetitive, forceful, or awkward hand movements.

More than **60%** of workplace illnesses reported each year are related to **repetitive strain injuries** resulting from continuous repetition of the same motions.

Source: instabriefs.com

3 primary risk factors for RSI:

- poor posture
- poor technique
- overuse

Source:
Repetitive Strain Injury: a Computer User's Guide
by Pascarelli and Quilter (John Wiley and Sons, 1994)



Hands are a complex array of nerves, muscles, tendons and bones – we have more than **25 bones** in each hand!

Source: NHS Choices website



In the U.S. alone, **3.7%** of the general population suffers from **Carpal Tunnel Syndrome (CTS)** with approximately **36,000 new cases diagnosed every month.**

Source: instabriefs.com

Approximately **260,000** carpal tunnel release operations are performed each year **47%** of the cases considered to be work related.



Source: National Center for Health Statistics.

The most common RSI signs and symptoms include:

- Tenderness in the affected muscle or joint
- Pain in the affected muscle or joint
- Throbbing (pulsating) sensation in the affected area
- Pins and needles (tingling) in the affected area, especially the hand or arm

Source: MedicalNewsToday.com



Proper technique: typing, mousing and writing

1. Keep your wrists straight.
2. Let your hands float.
3. Don't strain your fingers.

Source: *Repetitive Strain Injury: a Computer User's Guide* by Pascarelli and Quilter (John Wiley and Sons, 1994)

Repetitive Stress Injuries

Solutions for support and pain relief



U.S. Patent No. 6,213,969

SmartGlove

- Helps prevent and relieve carpal tunnel syndrome and wrist pain
- ergoBeads® cushion and protect the underside of the wrist including the Pisiform bone
- Provides all day comfort and reverses to fit either hand

Measure width at knuckles

A20111	XSmall	up to 2¼"
A20125	Small	up to 3¼"
A20126	Medium	up to 3¾"
A20127	Large	up to 4¼"



Reversible



Relief



Daytime use



SmartGlove is designed for ease of application and all day wear, IMAK SmartGlove has earned the Arthritis Foundation's Ease of Use Commendation.



U.S. Patent No. 8,216,169

Computer Glove

- Non-invasive relief for repetitive strain injuries
- Keeps wrist in ergonomic position
- ergoBeads® technology cushions and massages

A20128	Universal
--------	-----------



Reversible



Relief



Daytime use



WrisTimer

- Carpal tunnel wrist support
- Provides relief and treatment from repetitive stress injuries
- For daytime use

Wrist circumference

60000	Small	up to 6.5"
60010	Medium	6.5" to 7.5"
60020	Large	over 7.5"



Relief



Daytime use



Reversible



Repetitive Stress Injuries

Solutions for support and pain relief



U.S. Patent No. 7,645,250

SmartGlove with Thumb Support

- Flexible support splint helps prevent and relieve thumb and wrist pain
- Utilizes ergoBeads® filled cushion to keep wrist in desired position
- Provides all day comfort & reverses to fit either hand

Measure width at knuckles

A20161	Small	up to 3¼"
A20162	Medium	up to 3¾"
A20163	Large	up to 4¼"



Reversible



Relief



Daytime use



Elbow Support

- Provides customizable comfort with removable splint
- Promotes healing with therapeutic warmth
- Soft cotton lining and cushioning foam allow skin to breathe
- Fits right or left arm

A10113	Universal
A10110	X-Large



Breathable



Relief



Day/Night use



WrisTimer PM

- Dorsal application allows a comfortable fit and prevents flexion of the wrist
- Maintains neutral wrist positioning
- The aluminum stay holds the wrist in a neutral position

60500	Universal
-------	-----------



Reversible



Relief



Night use



Repetitive Stress Injuries

Solutions for support and pain relief



SmartGlove PM

- Features adjustable hook and loop strap
- Promotes healing with therapeutic warmth
- Soft cotton lining and cushioning foam allow skin to breathe
- Reversible to fit right or left hand
- Prevents harmful arm positions while sleeping

A10111 Universal



Reversible



Relief



Breathable



Elbow PM

- Provides customizable comfort with removable splint
- Promotes healing with therapeutic warmth
- Soft cotton lining and cushioning foam allow skin to breathe

A10172 Universal



Relief



Breathable



Night use



Pii-O-Splint

- ergoBeads® technology and soft cotton lining provide maximum comfort
- Reversible to fit right or left hand
- Two rigid splints prevent hand from being held in a harmful position while sleeping

A10312 Universal

A10112 Adjustable



Reversible



Relief



Breathable



Repetitive Stress Injuries

Solutions for support and pain relief



Elbow Band

- Helps relieve tennis and golfer's elbow, forearm pain, cubital tunnel syndrome and tendonitis
- Utilizes ergoBeads® technology and provides compression to forearm muscles and tendons
- Great for repetitive activities

A10301 Universal



Knee Strap

- ergoBeads® pressure pad adjusts to the anatomy of your knee
- Helps stabilize kneecap to improve alignment and tracking
- Provides focused pressure to reduce knee pain

A30137 Universal



Retail Portfolio

Daytime Solutions



Nighttime Solutions



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

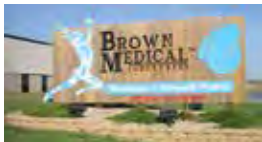
A new upper extremity line, **Steady Grip**, was released.



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

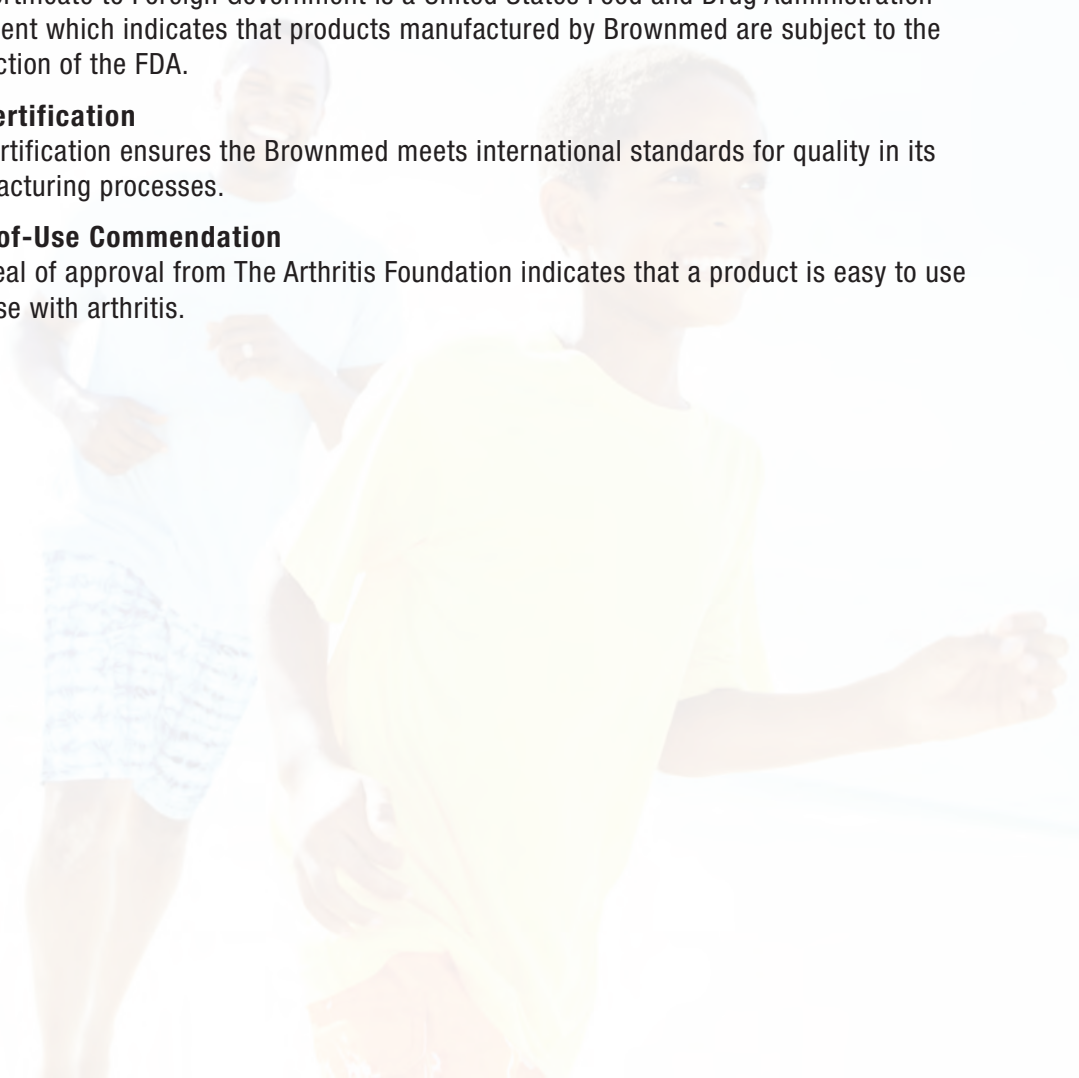
The Certificate to Foreign Government is a United States Food and Drug Administration document which indicates that products manufactured by Brownmed are subject to the jurisdiction of the FDA.

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



Flexible Foot Orthotics

