

GLOBUS
ITALIAN EXCELLENCE

ShockWAVE 2000 LINE

Discover the excellence of **RADIAL SHOCK WAVES**
in **MUSCOLO-SKELETAL** and **DERMATOFUNCTIONAL**







WHO WE ARE

GLOBUS has been a globally successful manufacturer of portable electromedical equipment for more than 40 years.

Our wide range complete product lines for use in **PHYSIOTHERAPY**, the **SPORTS** world and the **AESTHETIC** environment.

OUR MISSION

GLOBUS's mission is to promote health and wellness around the world by providing high-quality products for professionals working in rehabilitation and physical therapy, as well as for private users who wish to improve their quality of life safely and benefit from the latest technologies available on the market.

OUR HISTORY

GLOBUS was founded in 1984 in Codognè, in the province of Treviso, Italy, by the current president and CEO, Pierpaolo Lucchetta, a bronze medalist in volleyball at the Los Angeles Olympic Games and an award-winning professional until 1994.

Its president's experience as a high-level athlete was instrumental for **GLOBUS** to design and develop several product lines for post-injury recovery, muscle strengthening, and general sports performance enhancement.

To develop safe, effective and technologically advanced products, **GLOBUS** collaborates with various Universities and Research Institutes around the world and adheres to the strictest scientific guidelines.

Today, **GLOBUS** is a renowned company in the rehabilitation and physical therapy industry and exports to more than 50 countries around the world.

GLOBUS products are UNI CEI EN ISO 13485:2016 and CE Quality Assurance System certified in Europe, FDA in the United States, and IEx in Brazil.



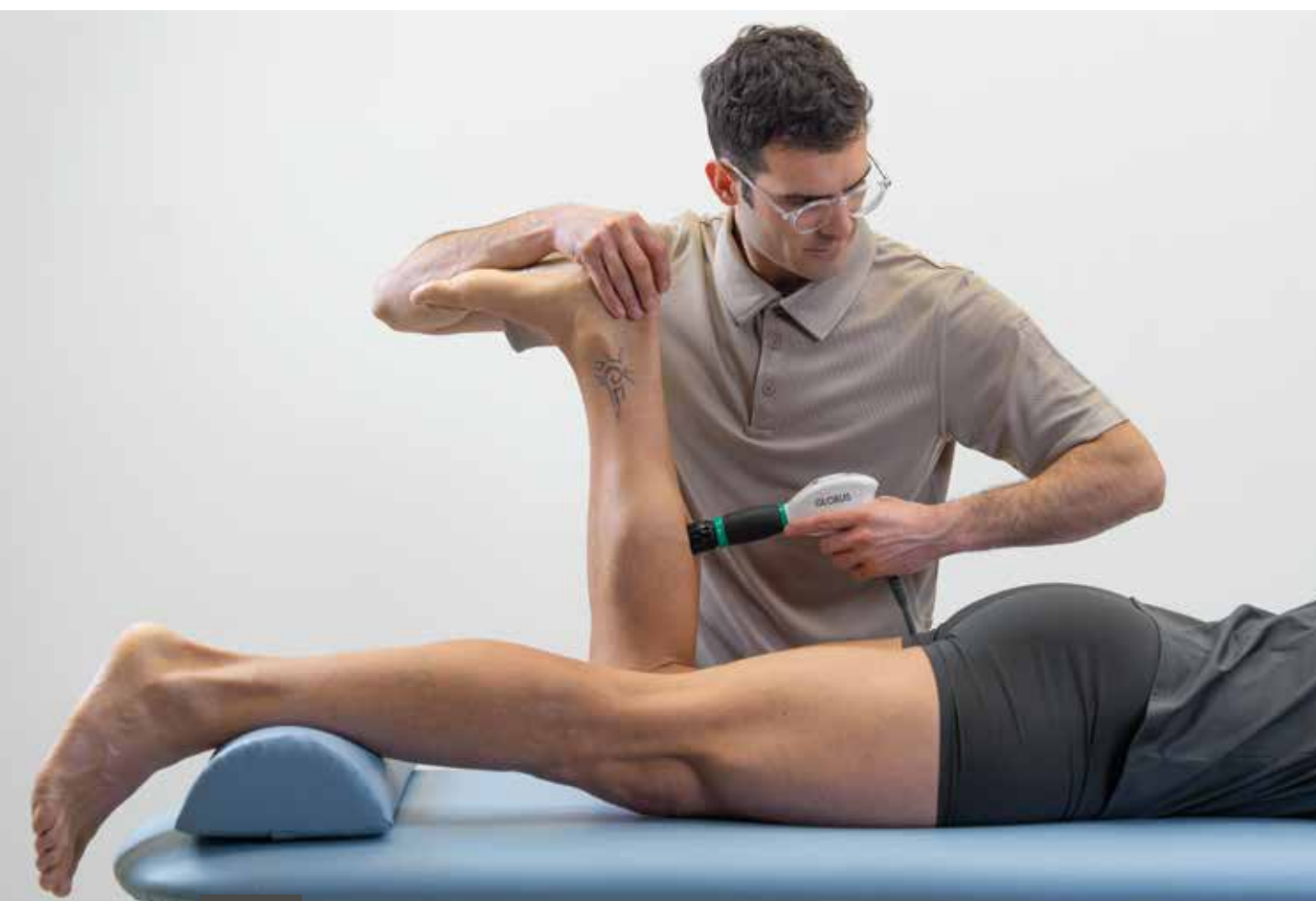
NEW GLOBUS ShockWAVE 2000 LINE

From the experience gained by **GLOBUS** in more than four decades of the business of:

- **ShockWAVE 2000 Med line**
 - **ShockWAVE 2000 BeautyMed line**
-



These new devices deliver radial extracorporeal shockwave therapy (rESWT) and complement the broad offering of personal treatment and wellness technologies dedicated to health professionals who do not want to compromise between high performance and versatility.



WHAT ARE SHOCK WAVES

Shock waves are high-energy acoustic waves that propagate radially in biological tissues. These waves are characterized by a sudden pressure spike, followed by a negative phase that generates **cavitation**, which induces **the initiation of a major localized metabolic acceleration process**.

This makes them effective in **deep stimulation and oxygenation, tissue regeneration, reduction of myofascial pain**, and an excellent ally in the management of tendinopathies.

History

The therapeutic use of shock waves began with their application in **lithotripsy**, a technique to break up kidney stones noninvasively, developed in the 1970s in Germany. Between 1980 and 1990, researchers noticed that shock waves stimulated biological responses in tissues, such as neo-vascularization and collagen production. These findings led to the development of extracorporeal shockwave therapy (ESWT) for musculoskeletal and soft tissue disorders.

Since the 2000s, this technology has gained increasing acceptance **both in the MUSCLE-SCHELETRIC and DERMATOFUNCTIONAL fields**.



MAXIMISING THE RESULTS IN SHORT TIME

Extensive studies of shock wave therapy have demonstrated a success rate of more than 90% ⁽¹⁾, evaluating it as a safe and effective methodology, finding significant reduction in pain, improvement in functional activities and quality of life.

Therapies are generally performed once a week for a duration of about 10 minutes; most injuries require a minimum of 3 sessions, so ideally, 3 consecutive weeks of treatment should be scheduled ⁽²⁾.



The ideal treatment method for chronic and complex musculoskeletal conditions.

⁽¹⁾ Wang, C. J. (2012). Extracorporeal shockwave therapy in musculoskeletal disorders. *Journal of Orthopedic Surgery and Research*.

⁽²⁾ Tenforde et al (2022). Best practices for extracorporeal shockwave therapy in musculoskeletal medicine: Clinical application and training consideration.

THE MAIN FIELDS OF APPLICATION



Orthopedics

Insertional tendinopathies (Plantar fasciitis, Achilles tendonitis, Patellar tendonitis, Epicondylitis, Rotator cuff tendonitis), Calcific tendinitis, Osteoarthritis, Fractures with delayed healing and Pseudoarthrosis, Metatarsalgia and Morton's Neuroma.



Neurological Rehabilitation

Myofascial treatment of spasticity, in hemiplegic patients or in outcomes of nerve damage.



Sports Medicine

Contractures, Strains, Muscular Injuries, Miofascial Pain syndrome, Stress fractures.



Aesthetic Medicine

Elasticizing Massage, Skin Rejuvenation, Cutaneous Firming, Edematous, Fibrous, Sclerotic Cellulite, Scars, Lymphatic Drainage.

NAVIGATE FROM TABLET WITH APP "GLOBUS ShockWAVE"

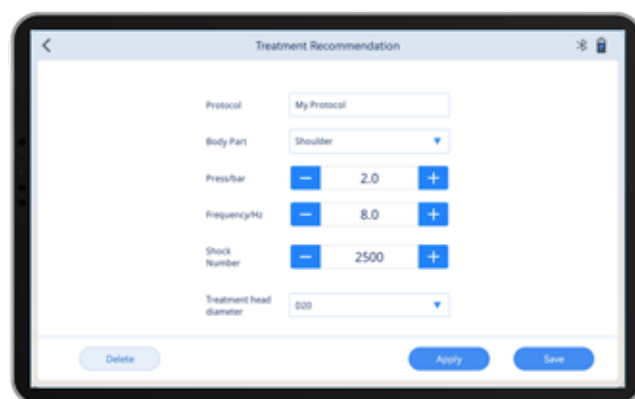
With the **11" Tablet** provided, you will be able to navigate easily and intuitively to **quickly select the right protocol**.

The present protocols are based on the most recent clinical evidence and can be personalized at any time by the practitioner according to the patient's needs.

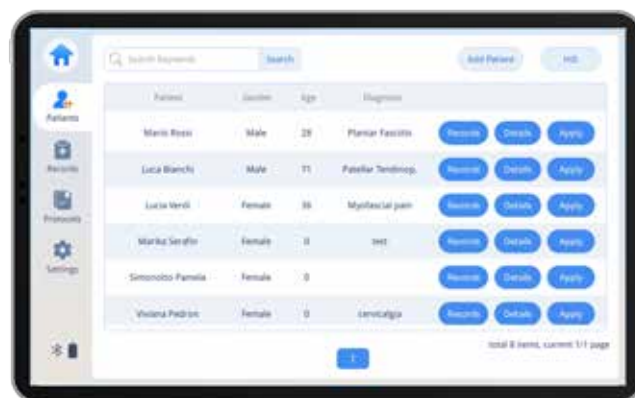
The **"Globus ShockWAVE" App** also allows you to **record** the patient **registry, parameters of each treatment** performed, the **VAS** score, and his progress to always ensure increasingly targeted treatments.



CERTIFIED PROGRAMS



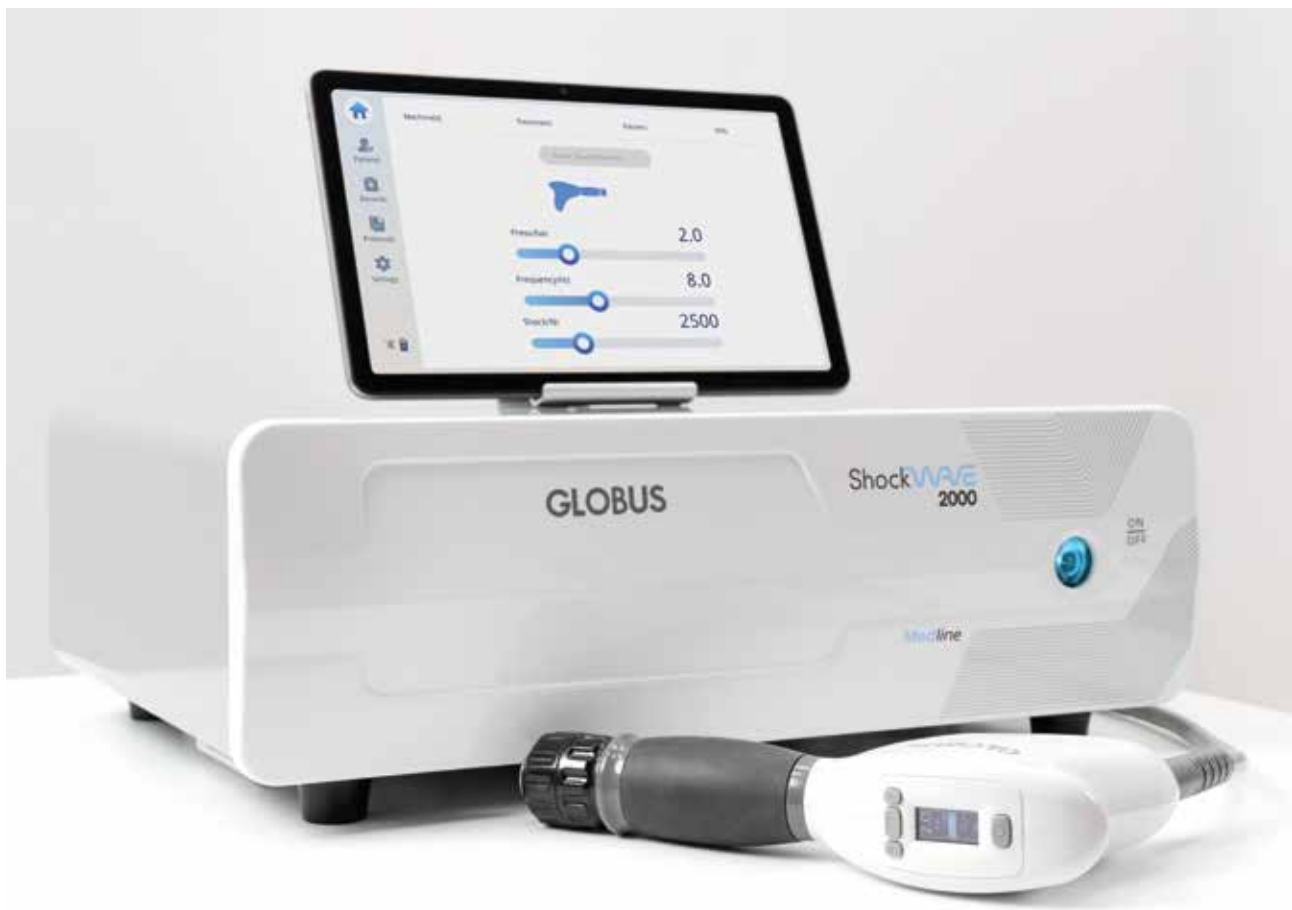
CREATION OF DEDICATED PROTOCOLS



PATIENT DATABASE



FREE PROGRAM



THE ADVANTAGES OF THE ERGOWAVE HANDPIECE

The new ergonomically designed **ERGOWAVE** handpiece with integrated controls uses compressed air pneumatic technology to propel a projectile into the handpiece. The projectile hits a metal applicator, producing radial shock waves that spread into the target tissues.

Maintenance of the handpiece can be done directly by the user, saving time and costs.

EFFECTIVENESS AND EASE USE



1-5 BAR

The **ShockWAVE 2000** device allows working with pressures ranging from **1 to 5 Bar** (in 0.1 Bar increments) and frequencies from 1Hz to 20Hz (in 0.5Hz steps).



ERGONOMICS AND COMFORT

The **ERGOWAVE** handpiece is designed to provide maximum comfort for the operator and patient. **The ergonomic handle and shock absorber insert** allow for precision work at all times **while promoting correct posture for the therapist.**

01. Display and built-in controls

The integrated controls and the availability of **treatment parameters on the built-in display of the handpiece** make the device easy to use, empowering the specialist to customize treatment in real time.

02. Pressure indicator to be applied

With the pressure indicator, which can be visualized in the display, **the practitioner can control the correct pressure applied**, to ensure maximum therapeutic effect.

03. Auto Start

The sensor that detects the correct pressure to be delivered during treatment also allows **the program to start automatically.**

RADIAL SHOCK WAVES IN **PHYSIOTHERAPY**

Learn how radial shockwave therapy is an important step in the rehabilitation pathway aimed at restoring function.

ShockWAVE 2000 Med line
equipped with **66** programs

IT IS IDEAL FOR:

- Tendinopathies
- Plantar fasciitis
- Epicondylitis and Epitrochleitis
- Delays in fracture consolidation
- Myofascial syndromes of the sportsman







ShockWAVE 2000 Med line

Your ally in the management of myofascial pain syndromes.

The **ShockWAVE 2000 Med line** is a **GLOBUS** radial shockwave device that emits high-energy acoustic pulses used to stimulate the body's **natural regeneration process**.

It is a **non-invasive** treatment method that works through mechanic pressure, promoting **neo-angiogenesis, tissue repair, osteogenesis, and reducing inflammation and pain**. It is particularly effective in treating **tendon, muscle, fascial, and osteoarticular problems**.



Technical Specifications

Programs: 66

Technology: Pneumatic - **Pressure:** 1-5 Bar - **Frequency:** 1-20Hz

Channels: 2 (cannot be used at the same time) - **Shock:** 100-9900

Treatment archive: Up to 60.000 records

User interface: Color touchscreen tablet and LCD screen on handpiece

Handpiece provided: Ergonomic, with built-in display and real-time pressure indicator

Mains power supply: 100-240V AC, 50-60Hz, 240VA

Dimensions LxPxH: 430x320x150 mm - **Weight:** 16,6 Kg



MAIN MUSCULOSKELETAL APPLICATIONS

Shoulder

- Hemiplegic shoulder pain
- Cervicobrachial neuralgia
- Shoulder myofascial syndrome
- Calcification of the rotator cuff



Back

- Lumbago
- Dorsal trigger points
- Lumbar trigger points



Arm and Forearm

- Epitrochleitis
- Epicondylitis
- Carpal tunnel syndrome
- Cubital tunnel syndrome



Hand

- Trigger finger
- Dupuytren's disease
- Arthritis of the fingers
- De Quervain's syndrome

Knee

- Meniscal injury
- Knee osteoarthritis
- Patellar tendinopathy
- Delayed fracture consolidation



Calf

- Tibial Periostitis
- Calf myofascial syndrome
- Stress fracture of the tibia



Foot - ankle

- Stress fracture
- Achilles tendinopathy
- Deltoid ligament injury
- Astragalic peroneal ligament injury



Foot - plantar area

- Metatarsalgia
- Calcaneal spur
- Plantar fasciitis
- Morton's neuroma



RADIAL SHOCK WAVES IN THE DERMATOFUNCTIONAL PHYSIOTHERAPY

The perfect solution for those seeking a single device for both dermatofunctional and the musculoskeletal field.

ShockWAVE 2000 BeautyMed line
equipped with **107** programs

IT IS IDEAL FOR:

THE DERMATOFUNCTIONAL FIELD

- Skin firming
- Scar treatment
- Cellulite reduction
- Skin texture improvement

THE MUSCULOSKELETAL FIELD

- Osteoarthritis
- Tendinopathies
- Myofascial syndromes
- Lumbago and cervicalgia







ShockWAVE 2000 BeautyMed line

The most comprehensive device with both Dermatofunctional and Musculoskeletal certified programs.

The **ShockWAVE 2000 BeautyMed line** is a **GLOBUS** radial shockwave device that emits high-energy acoustic pulses used to **stimulate the body's natural healing process**.

The treatment **is non-invasive** and works through mechanical pressure on the tissues. In the **dermatofunctional area** it stimulates collagen production, improves blood circulation, helps reduce localized adiposity, tones and firms the skin.

In the **musculoskeletal** field it promotes neo-angiogenesis, osteogenesis, and is effective in treating tendon, muscular, fascial and osteoarticular problems.



Technical Specifications

Programs: 107

Technology: Pneumatic - **Pressure:** 1-5 Bar - **Frequency:** 1-20Hz

Channels: 2 (cannot be used at the same time) - **Shock:** 100-9900

Treatment archive: Up to 60.000 records

User interface: Color touchscreen tablet and LCD screen on handpiece

Handpiece provided: Ergonomic, with built-in display and real-time pressure indicator

Mains power supply: 100-240V AC, 50-60Hz, 240VA

Dimensions LxPxH: 430x320x150 mm - **Weight:** 16,6 Kg



MAIN DERMATOFUNCTIONAL APPLICATIONS

Face / Décolleté

- Acne scars
- Skin tightening
- Skin rejuvenation
- Elasticizing massage



Arm

- Fat reduction
- Scar treatment
- Lymphatic drainage



Abdomem / Hips

- Skin firming
- Fat reduction
- Skin rejuvenation
- Lymphatic drainage



Back

- Scar treatment
- Skin rejuvenation
- Elasticizing massage

Glutes

- Fibrous cellulite
- Sclerotic cellulite
- Edematous cellulite



Thighs / Legs

- Skin firming
- Fat reduction
- Lymphatic drainage



SOME MUSCULOSKELETAL APPLICATIONS

Thigh

- Osteoporosis
- Quadriceps tendonitis
- Iliotibial band syndrome
- Trigger points of the adductors
- Chronic tendinopathy of the proximal biceps femoris



ACCESSORIES



the Transmitters

LARGER TRANSMITTER D36 - Diameter 36 mm



MUSCULOSKELETAL APPLICATIONS

Myofascial treatment on large areas and muscle masses (limbs lower, gluteal, lumbar and dorsal tracts).

DERMATOFUNCTIONAL APPLICATIONS

Lymphatic drainage and elasticizing massage of large areas and muscle masses (thighs, buttocks, abdomen, hips, and back).

STANDARD TRANSMITTER D20 - Diameter 20 mm



MUSCULOSKELETAL APPLICATIONS

Myofascial pain syndrome, Trigger points, tendinopathies, fracture outcomes, spongy edema, pubalgia, fibrosis dissolution, deep muscle treatment.

DERMATOFUNCTIONAL APPLICATIONS

Skin firming, toning, cellulite, lymphatic drainage.

FOCUSED TRANSMITTER R15 - Diameter 15 mm



MUSCULOSKELETAL APPLICATIONS

Concave applicator for focused treatment. Any type of enthesopathy.

DERMATOFUNCTIONAL APPLICATIONS

Concave applicator for focused treatment. Small scars.

SMALL TRANSMITTER D15 - Diameter 15 mm



MUSCULOSKELETAL APPLICATIONS

Insertional tendinopathy, metatarsalgia, entrapment neuropathy, high-energy applications, or chronic affections.

DERMATOFUNCTIONAL APPLICATIONS

Treatments on small areas (face, neck). Treatment of scars.

LONG TRANSMITTER F15 - Diameter 15 mm



MUSCULOSKELETAL APPLICATIONS

Localized treatment of deeply located structures, deep enthesopathies.

DERMATOFUNCTIONAL APPLICATIONS

Localized treatment of deeply located structures. Deep fibrosis.

HIGH ENERGY D10 - Diameter 10 mm



MUSCULOSKELETAL APPLICATIONS

Deep pathologies, chronic conditions, high-energy application. Small joints (foot, hand).

DERMATOFUNCTIONAL APPLICATIONS

Treatments on small areas (face, neck). Skin rejuvenation.

POINT TRANSMITTER A6 - Diameter 6 mm



MUSCULOSKELETAL APPLICATIONS

Selective treatment of small areas, acupuncture with shock waves.

DERMATOFUNCTIONAL APPLICATIONS

Selective treatment on small areas. Acne scars.

ACCESSORIES

■ the Trolley. Your mobile clinic



■ the Easy Go Cart

Designed to make your movements easier.

ACCESSORIES

■ the additional Handpiece

To optimize session time, prepare in advance the additional head to be used for the same treatment.



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ITALIAN EXCELLENCE

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