



SPORTS MEDICINE

Stay
in the game!





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PHYSIOTHERAPY

FOCUSED SHOCKWAVE THERAPY

A WHOLE NEW FORMULA FOR CHRONIC PAIN

Shock waves cause cell stimulation and growth factor release that result in tissue regeneration. Therapy provokes **reparation processes** in tendons and bones, eliminates calcifications, relieves persistent pain and relaxes overused muscles.

- The only technology offering the highest lifespan of 3 million shocks with constant intensity
- The perfect balance between high Energy Flux Density and optimal Focal Zone size

Sports medicine application:

- Tendinopathy
- Bone nonunions
- Calcifications and impaired tendons
- Muscle hypertonus



RADIAL SHOCKWAVE THERAPY

FAST PAIN RELIEF AND MOBILITY RESTORATION

The perfect match of **portability, lifespan, ergonomics,** and applicability for a wide spectrum of indications.

- The strongest portable radial SHOCKWAVE weighing only 7 kg
- Wide range of transmitters for different indications

Sports medicine application:

- Tendon injuries and ruptures
- Muscle hypertonus
- Myofascial syndrome



HIGH INTENSITY LASER

NEXT-GENERATION TECHNOLOGY

Automated high intensity laser at your service for treatment of **acute pain**, injury recovery, and delivering strong thermic therapies in **large areas**.

- The most powerful 30 W high intensity laser for maximized effect of pulsed analgesia, as well as delivering strong thermic therapies
- 1064 nm wavelength for the most effective energy delivery to deep-lying tissues

Sports medicine application:

- Acute pain
- Joint sprains
- Muscle injuries and ruptures
- Hematoma elimination



SUPER INDUCTIVE SYSTEM

TAKING VERSATILITY TO THE NEXT LEVEL

Intense electromagnetic energy relieves pain, strengthens muscles and plays a crucial role in release of joint blockages and supports fracture healing.

- Operator-free therapy procedure
- The frequency range of 1-150 Hz allows coverage of a wide spectrum of indications
- Electromagnetic field intensity of 2.5 Tesla triggers strong muscle contractions and contributes to pain management

Sports medicine application:

- Muscle strengthening
- Stress fracture
- Joint blockage



TR-THERAPY

WHERE TECHNOLOGY EMBRACES THE HUMAN TOUCH

TR-Therapy is all about the combination of the **therapist's manual skills and tissue-selective heating** through radiofrequency current.

- TR-THERAPY concept boosts your manual skills
- Tissue selectivity with capacitive and resistive modes
- The only device on the market equipped with a safety feature Dynamic Impedance Control™

Sports medicine application:

- Muscle regeneration after workout
- Prevention & elimination of muscle fatigue
- Edema reduction



TR-THERAPY CONCEPT

Conventional applications



Cervicobrachial syndrome



Low back pain



Knee pain

Static applications



Low back pain



Hamstrings stretching



Lunge

Bipolar applications



Shoulder pain



Myofascial syndrome



Muscle rupture

CRYOTHERAPY

BTL Cryotherapy uses **cold air system**. Using frozen air flow (up to -32°C), blown directly onto the skin, has the advantage of greater penetration depth in contrast with conventional methods, such as cold packs, ice baths or sprays.

Sport Medicine application:

- Muscle spasm
- Sports injuries
- Post-surgery conditions
- Rheumatic diseases



BTL-CPMOTION™

CONTINUOUS PASSIVE MOTION THERAPY

Continuous Passive Motion (CPM) is used during the first phase of rehabilitation following lower limb joint surgeries or traumas.

- A single unit that allows for treatment of all 3 leg joints
- Precise real-time patient's threshold angle setting
- Click system settings with no manual tightening needed
- Remote control with touch screen

Sports medicine application:

- LCA reconstruction
- Menisectomy
- Range of motion improvement



LYMPHASTIM

ADVANCED PRESSOTHERAPY SYSTEM

Lymphastim performs a form of gentle massage that encourages the movement of lymph fluids around the body. Lymphastim works on the **pneumatic pressotherapy** principle.

- Wide range of applicators
- Precise pressure setting in each chamber
- Automatic sleeve emptying after treatment for comfortable handling

Sport Medicine application:

- Edemas prevention & removal
- Muscle pain improvement
- Post-surgical lymph vessels obstruction



BTL-4000 SMART & PREMIUM

ESSENTIALS FOR REHABILITATION & PHYSIOTHERAPY

BTL-4000 is **highly advanced system** that includes all four modalities: electrotherapy, ultrasound, low-level laser therapy and magnetotherapy.

- Allows treatment delivery for up to 4 patients at the same time
- The widest selection of waveforms in the industry for various conditions
- Time-saving HandsFree Sono® applicator
- Large selection of laser probes and clusters
- Powerful magnetotherapy applicators
- Portable & battery operated



Electrotherapy



Magnetotherapy



Low laser



Ultrasound



CONSULTING ROOM EQUIPMENT

COUCHES AND ACCESSORIES

Our couches have been carefully designed with both the patient and a medical provider in mind. Available in a large range of upholstery colours and accessories, they feature superior **stability and durability**, high-quality artificial leather covers and heavy-duty motors. We also provide exercise accessories.





CARDIOLOGY

COMPLETE CARDIOLOGY SOLUTION

ALL IN ONE

BTL CardioPoint is an acquiring, archiving, data sharing and diagnostic platform which provides a complete solution for **cardiology, internal medicine, pediatrics, general practice, sports medicine and more.**

Sport Medicine application:

- Prevention of sudden cardiac death
- Diagnosis of heart rhythm disorders
- Determination of vo2max value - the level of aerobic fitness
- Diagnosis of masked hypertension in athletes



COMPLETE
SOLUTION



ECG



STRESS



CPET



HOLTER



ABPM



SPIRO



NET



RESTING ECG

A BREAKTHROUGH IN RESTING ECG

Modern ECG? That is **easy** operation, **excellent** ECG signal and **fast** evaluation from anywhere. And that is exactly what BTL ECGs provide.

- Diagnostic confidence
- Data access from anywhere
- Cost reduction



STRESS TEST

A NEW GENERATION OF ADVANCED STRESS TEST SYSTEMS

WIRELESS STRESS TEST

- Unlimited mobility
- Variability in testing
- Motion artifacts reduction

STRESS TEST

- Easy electrode placement
- Ergometer or treadmill
- Advanced ST and QT analysis



Wireless stress test

Stress test



CARDIOPULMONARY EXERCISE TEST

DESIGNED TO MAKE THE TESTING EASY

Whether it is **evaluation of a training progress** or diagnosing **exercise intolerance**, the BTL's CPET system provides **accurate results** displayed in a user-friendly software.

- Evaluation of exercise intolerance
- Evaluation of cardiovascular / pulmonary diseases
- Cardiopulmonary rehabilitation prescription
- Indirect calorimetry



CPET



ECG HOLTER

ABNORMALITIES AT FIRST SIGHT

Holter record evaluated in **minimum time** and with **maximum accuracy**? The BTL CardioPoint-Holter has been specifically designed to save physicians' time.

- 99.5% sensitivity of atrial fibrillation detection
- Paediatric use
- Up to 12 channels / 7 days recording



AMBULATORY BLOOD PRESSURE MEASUREMENT

EVALUATION IN JUST A FEW MINUTES

BTL CardioPoint-ABPM meets all the present specifications of professional blood pressure monitoring. It uses a **precise lightweight recorder** with silent operation and it comes with **easy-to-use software**.

- Excellent measurement accuracy
- Lightweight recorder with silent operation
- Up to 51 hours of blood pressure monitoring



SPIROMETRY

PREDICTION FOR EVERYONE

The combination of the BTL pneumotachograph and the BTL CardioPoint software turns any computer into a highly sophisticated spirometer.

- Professional diagnostics
- Paediatric use
- Automatic interpretation from ATS, BTS, Enright and GOLD





THEY TRUST US



National Football Team Brazil

Players Filipe Luís and Neymar of the Brazilian National Football Team being treated with BTL devices in preparation for the FIFA World Cup! BTL Brazil is an official partner of the Brazilian Football Confederation (CBF) and provided the Brazilian team with the best physiotherapy devices.





U.S. Salernitana
Salerno, Italy

Unione Sportiva Salernitana 1919, or simply Salernitana is an Italian professional association football club based in Salerno, Campania. BTL provides them medical devices such as TR-Therapy, High Intensity Laser and Shockwave therapy.



Juan Letizia

Official doctor of national basketball Team,
Venezuela

“Shockwave Therapy helped me treat a very severe low back pain that Lazar Hayward, a professional player, had. This allowed him to compete!”





Telmo Firmino,
SL Benfica, Portugal

“The innovative BTL Super Inductive System (SIS) technology allows for selective depolarization of the nerve fibers. Even though the therapy does not require direct contact between the skin and the applicator, it targets the deep lying structures, bringing the results such as pain relief of muscular stimulation.”



Víctor Miguel del Potro
Spanish Football Federation

“Super Inductive System is our non-invasive therapy of choice to manage pain. It allows us to perform neuromodulation pain relief in a short time and with results that last.”





Šárka Strachová
VO2MAX Center for Holistic Therapy and Sport
The Czech Republic

“CPET examinations are an important part of the services provided by our centre. We place high demands on the examination itself, mainly concerning the device reliability, measuring accuracy and its reproducibility. The CPET system from BTL meets all these criteria. Thanks to the device, we are able to provide our clients with professional service in terms of sports diagnostics.”



Yitzar Bañuelos
Los Mochis, Sinaloa, Mexico

“The signal and portability of the BTL Flexi ECG are excellent, the trace is not distorted during the stress test even with athletes.”



BTL: OVER 25 YEARS OF INNOVATION



More than 55 offices
around the globe



1,800 employees
worldwide

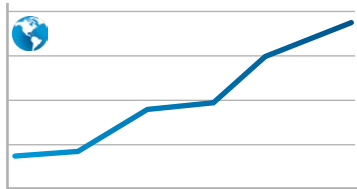


More than 300
engineers

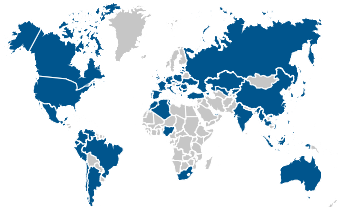


2 focused divisions:
medical and aesthetics

Growing to meet your needs



1993 Continuous growth worldwide



OUR COMMITMENT TO YOU

BTL will:

- Provide safe and efficacious solutions of the highest quality
- Offer technology with NO costly consumables
- Continue to offer an affordable upgrade programs

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