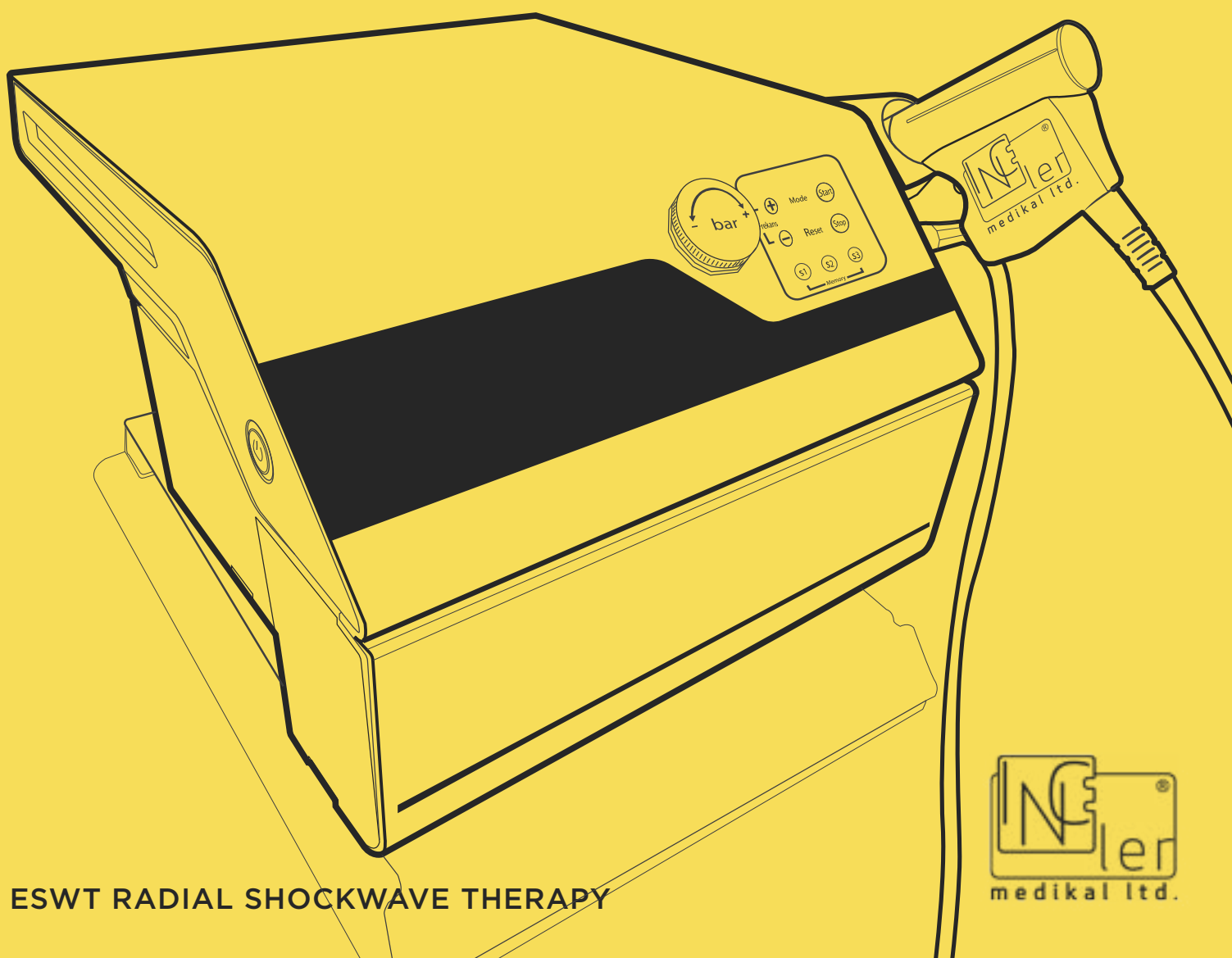


MODUS[®] BASIC ESWT



ESWT RADIAL SHOCKWAVE THERAPY





ABOUT US

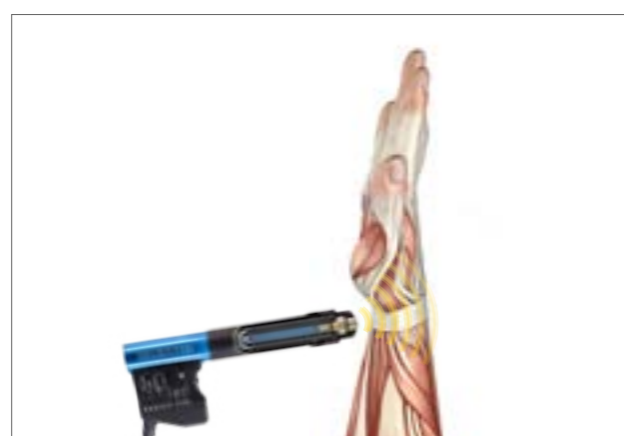
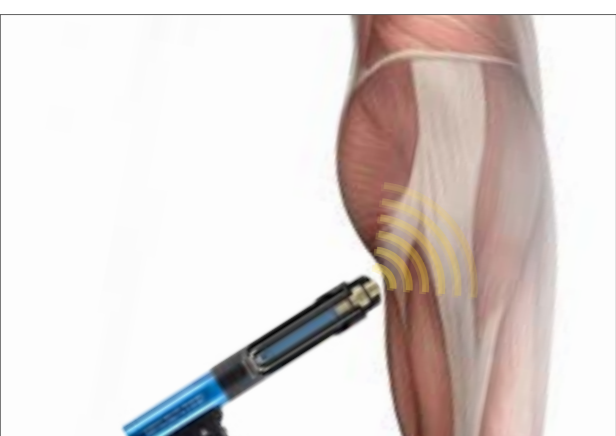
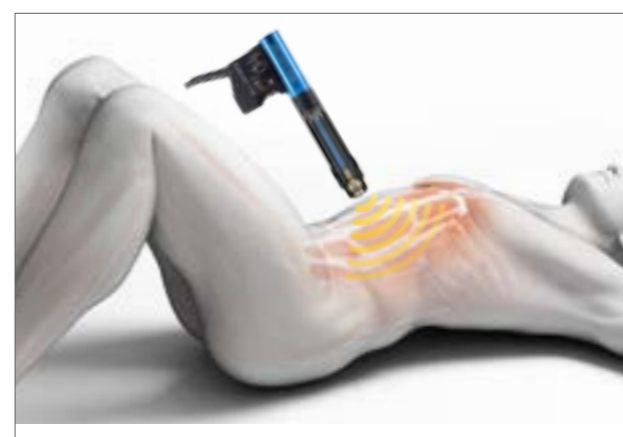
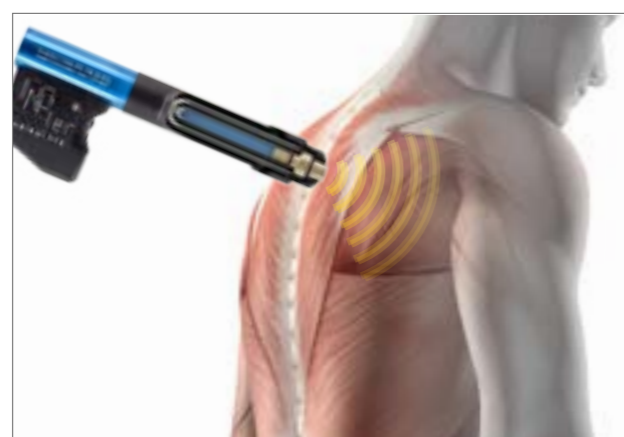
İNCELER MEDİKAL Co. Ltd. was established in 2010, in Ankara. The company started its activities by providing sales and after sales support on ESWL-ESWT Shock wave Systems for all health institutions in Turkey with its expert staff.

Over time, İnceler Medikal has reached the capacity and level of expertise to produce spare parts compatible for many world-famous brands. It started to project its own products in 2012.

The first product, Lithobox, pneumatic lithotripsy system, followed by Modus, extracorporeal shock wave therapy system, and Spark, extracorporeal shock wave lithotripsy system, were put on the market by İnceler Medikal.

The devices produced by İnceler Medikal are designed to combine high security, advanced technology, economic and aesthetic parameters. The company aims to continue its presence in the sector as an R&D company. İnceler Medikal has gained the customers' trust with its experienced staff and quality service understanding.

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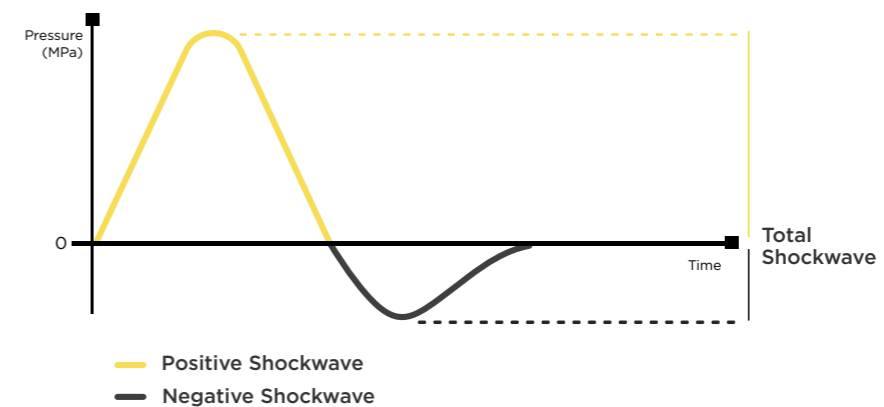
Modus Basic ESWT
Radial Shock Wave Therapy

Modus Basic ESWT Feature and Advantages

Effectivity of Shock Wave Therapy

“When a shock wave encounters a material with different acoustical impedance, a portion of the energy of the wave is transmitted and a portion is reflected. The ratio of the transmitted energy to reflected energy at the interface varies depending on the properties of the tissues involved. The impulse of the high-pressure shock wave on the material interface may cause tension at this interface. Depending on the physical properties of the material, microstructural changes and cracks may occur.” (Sems, Dimeff & Ianotti JP., 2006).

With shock wave therapy, the therapeutic result is easily achieved by transmitting more energy to the tissue.



**Effectivity of
Shock Wave
Therapy**

Shock wave therapy is a multipurpose treatment system used in Orthopaedics, Physiotherapy, Sports medicine, Urology, Aesthetics, Beauty and Veterinary medicine. As well as it used in the treatment of erectile dysfunction disorder known as impotence among the public, It is an effective therapy method used to accelerate healing and eliminate the indications that cause acute or chronic pain without the need for invasive and drugs

THE DEVICE HAS THE FOLLOWING FEATURES:

- THE DEVICE IS PORTABLE AND ERGONOMICALLY DESIGNED.
- IT HAS A VARIETY OF TRANSMITTERS DESIGNED FOR SPECIFIC TREATMENTS.
- HANDPIECE HAS THE CAPACITY OF 3.000.000 SHOTS BEFORE ANY MAINTENANCE REQUIRED.
- MAXIMUM PRESSURE TRANSMITTED TO THE TISSUES IS 5 BARS.
- THE APPLICATORS USED WITH THE DEVICE CAN BE STERILIZED WITH MEDICAL STERILIZATION TECHNIQUES. EVEN RESISTANT TO ETHYLENE OXIDE AND OTHER MEDICAL STERILIZATION CHEMICALS.

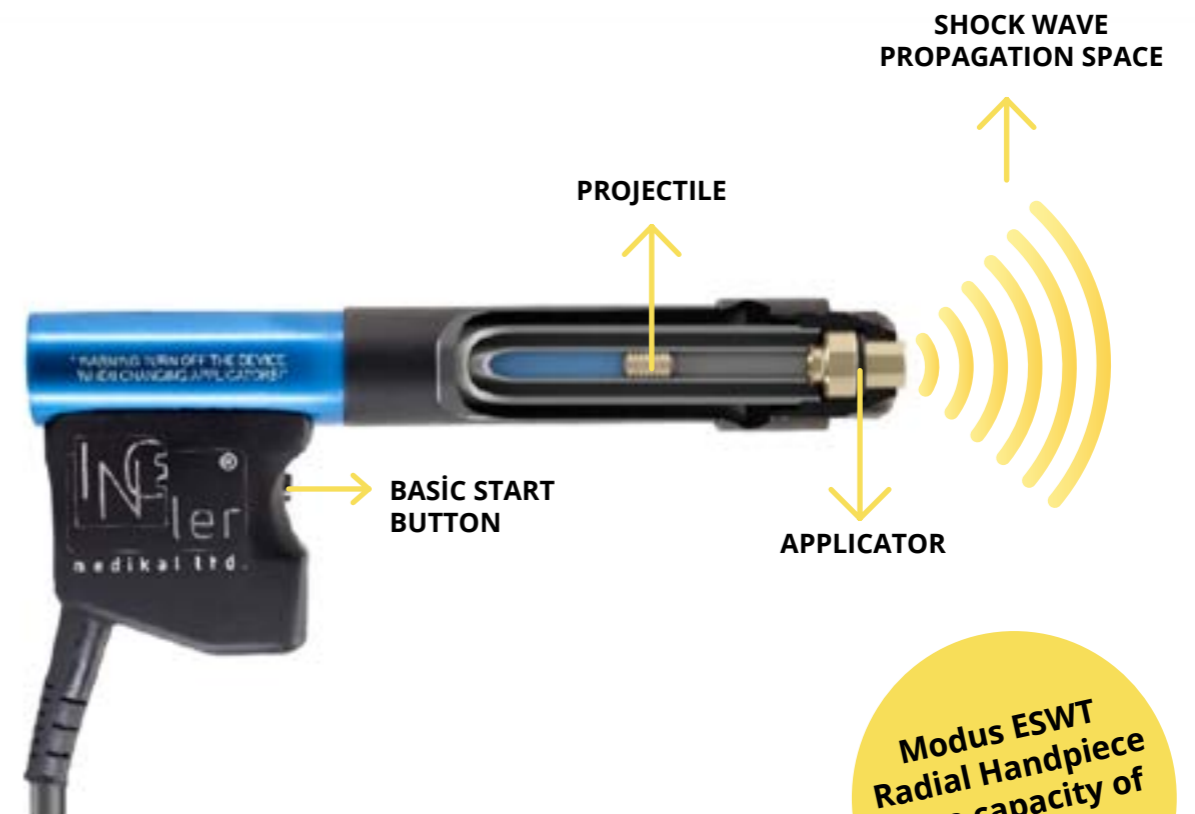
IN THE TISSUES WHERE SHOCK WAVE APPLIED:

- NEW VESSEL, FORMATION IS ENSURED.
- A MECHANICALLY STRONGER TISSURE IS OBTAINED
- COLLAGEN SYNTHESIS INCREASES IN APPLIED TISSUE.
- INCREASED ANGIOGENESIS AND OXYGENATION IN TISSUE INCREASES TISSUE HEALING.



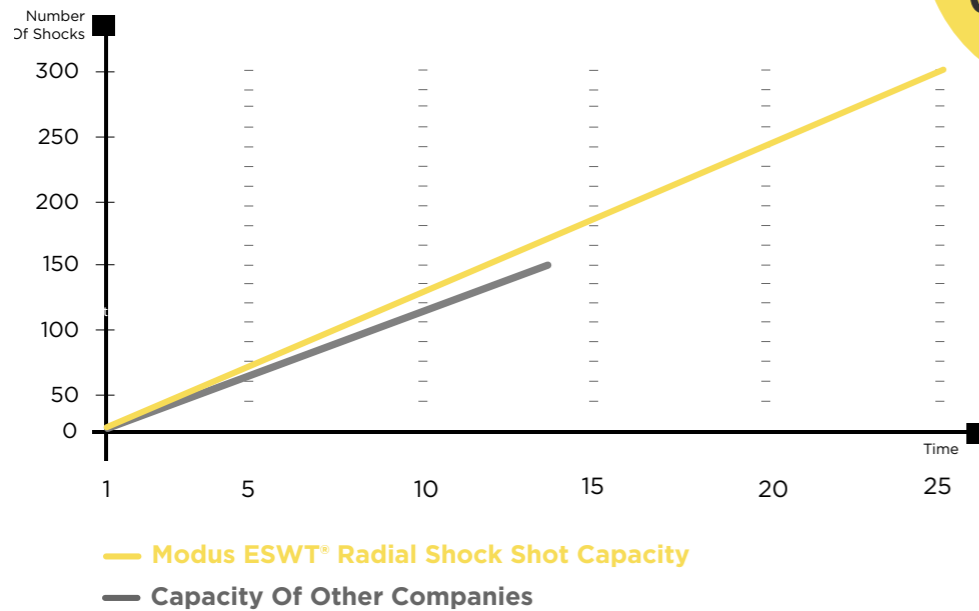
MODUS HANDPIECE

- RENEWED MODUS BASIC HANDPIECE IS LIGHTER AND MORE ERGONOMIC.
- PRODUCING MORE EFFECTIVE SHOCKWAVES.
- APPLYING TREATMENTS WILL BE EASIER
- DURABLE ALUMINUM CASING
- EASY TO HOLD FOR LONG PERIODS OF TIME.
- SUSPENSION SYSTEM TO REDUCE THE AMOUNT OF REFRACTIVE VIBRATION
- WIDE RANGE OF APPLICATORS ACCORDING TO TREATMENT OPTIONS
- EASY MAINTENANCE AND REVISION KIT REPLACEMENT



**MODUS BASIC
HANDPIECE**

**3.000.000
Shock Shots
Guarantee**



TRANSMITTERS

- 6 mm, Radial 0-90mm
- 10 mm, Radial 0-85 mm
- 15 mm, Trigger 0-80mm
- 15 mm, Focus 0-40mm
- 15 mm, Radial 0-70mm
- 20 mm, Radial 0-70mm
- 35 mm, Radial 0-65mm
- 35 mm, Radial Soft 0-40mm

- Acupuncture with Shockwave Therapy
- Radial Shockwave Therapy, Tendinopathies
- Chronic Disease, Deep Placed Diseases, High Energy Needs
- Head and Neck , Fascial Muscles, Close to Surface Pains.
- Radial Shockwave Therapy, Tendinopathies
- Muscle Connective Tissue, Myofasciale Trigger Therapy, Trigger Diagnose, Skin Elasticity
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- Muscle Connective Tissue, Myofasciale Trigger Therapy, Trigger Diagnose, Skin Elasticity

FEATURES OF MODUS BASIC SOFT APPLICATOR

- MODUS BASIC ESWT, WHICH MAKES A DIFFERENCE WITH ITS UNIQUE TECHNOLOGY, IS THE ONLY DEVICE WITH A SOFT APPLICATOR.
- SOFT APPLICATOR PROVIDES EASE OF USE IN PAINFUL AND SENSITIVE AREAS.



**MODUS SOFT
APPLICATOR TECHNOLOGY**



**MODUS BASIC
APPLICATOR**

Modus Basic ESWT Applications Fields and Treatments

Modus ESWT mainly used in the treatment and application of:

- Orthopedic
- Physiotherapy
- Erectile dysfunction
- Aesthetics
- Achilles tendon pain
- Acupuncture
- Trochanteric bursitis
- Cellulite
- Rnthesopathy
- Enzymatic lipolysis
- Heel spur
- Myofascial trigger point
- Patellar type syndrome
- Plantar fasciitis
- Pregnancy cracks
- Band friction syndrome
- Back and low back pain
- Quick recovery after liposuction
- Tennis player and golfer's elbow
- Wound and wrinkle
- Skin and connective tissue tightening
- Varicocele
- Shoulder calcication
- Runner legs



Plantar Fasciitis



Plantar fasciitis is one of the most commonly seen orthopedic complaints. Your plantar fascio experiences considerable erosion and cormosion in your daily life. Nomally these ligaments serve as shock absorbers and support the curve of the foot. Exerting too much pressure on your feet can tear out

and damages the ligaments, an inflammation is generated on plantar fascia and this inliammation causes poin and stiffness of the heel symptoms: The main symptom is the pain and stiffness under the heel, It progresses over time. It usually affects one foot but it can affect both feet. Pain is usually worse in the mornings, after having several steps upon getting up from the bed or sitting or keeping the same posture for a long time such as sitting or sleeping duration of ESWT treatment in soft tissue sessions is approximately 5-20 minutes. Substantial recovery can be seen after 3-6 sessions with 3-5 days of intermittent ache and pain complaints

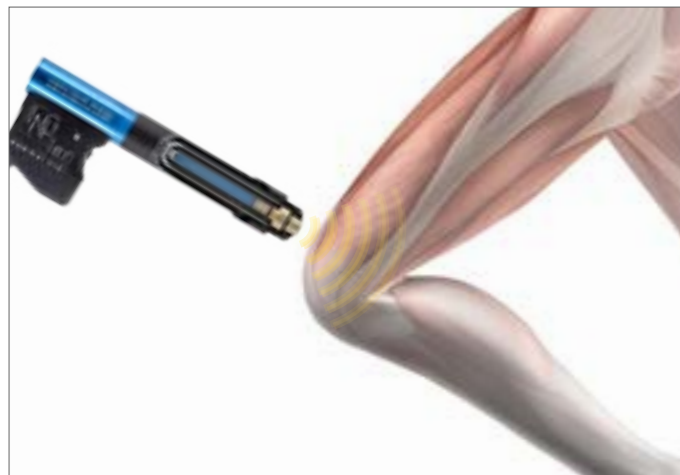
Achillodynia (Pain of Achill Tendon)

Duration of ESWT treatment in soft tissue sessions is approximately 5-20 minutes. Substantial recovery can be seen after 3-6 sessions with 3-5 days of intermittent ache and pain complaints.

Achill tendon is one of the longest tendons in the body which spans from the calf to the bones of the toe. Achill tendon is a strip-shaped, elastic tissue. It is located above the toe and at the back of the ankle. Achill tendon helps you to stretch your foot by directing your toe fingers towards the ground.



Patellar Type Syndrome



Duration of ESWT treatment in soft tissue sessions is approximately 5-20 minutes. Substantial recovery can be seen after 3-6 sessions with 3-5 days of intermittent ache and pain complaints. Main clinical sign is the pain at lower pole of the patella. Patellar tendon tibia is the lower pole connection of the patella. Patellar tendinopathy (PT), is the severe injury of the patellar tendon.

Tendinosis Calcarea (Shoulder Calcification)



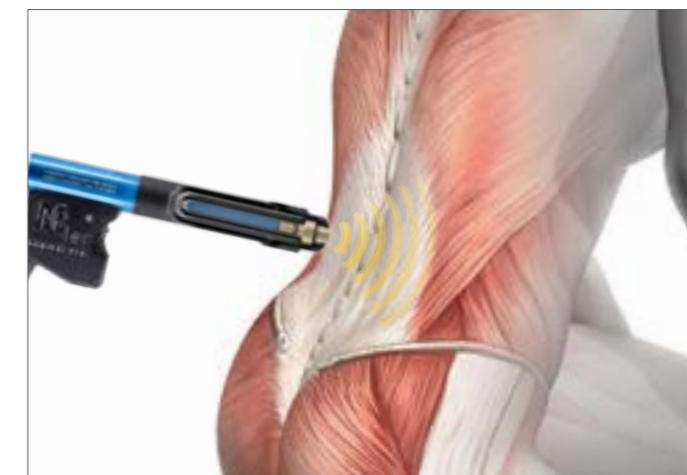
Duration of ESWT treatment in soft tissue sessions is approximately 5-20 minutes. Substantial recovery can be seen after 3-6 sessions with 3-5 days of intermittent ache and pain complaints considerably disappear within 4-6 weeks.



Shoulder calcification: A shoulder pain complaint, caused by the secondary inflammation in the joint called "bursa", due to calcium deposits accumulated in tendons neighboring a calcified tendinitis type of shoulder joint.

Pseudoradicular Low - Back

It is based on the clinical characteristics. It should be known that abnormalities that are diagnosed on lumbar spinal column by radiological examinations have adverse correlations with clinical symptoms. Shock wave therapy (RSWT), is a very potent alternative to conservative therapy in pseudo radicular back pain. Duration of ESWT treatment in soft tissue sessions is approximately 5-20 minutes. Substantial recovery can be seen after 3-6 sessions with 3-5 days of intermittent ache and pain complaints considerably disappear within 4-6 weeks.



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Erectile Dysfunction

Erectile Dysfunction, known as impotence; is defined as the inability of achieving or maintaining an erection. Modus ESWT treatment is applied directly to various parts of the penis and the root of the penis. 300 shots in one session and a total of 1,500 shots are delivered to each applied area. It is applied to 5 different points on the penis. Vascular erectile dysfunction is permanently treated after Modus ESWT treatment.



Cellulite



The connective tissue under the skin lose their elasticity, the result of deep inward withdrawal by the subcutaneous adipose tissue is formed by taking the orange peel appearance of the skin surface. Shock waves showed some effect on fat tissues; shock waves through the skin, leading to degradation of the oil by the power of destroying high vibration waves and they release skin. Thereby eliminates the orange peel by ensuring a smoother surface.

Diabetic Foot Ulcers



Diabetic foot ulcers (DFUs) are among the most common foot disorders with ulceration, infection, and gangrene that may ultimately lead to lower extremity amputation. The goals of treatment include the control of diabetes and proper shoe wear. An effective therapy and appropriate foot care are important in wound healing in DFUs. Recently, extracorporeal shockwave therapy (ESWT) was reported to significantly promote and accelerate the healing of complex soft tissue wounds as compared to the standard methods of treatment in DFUs. ESWT showed positive results in short-term and long-term outcomes in diabetic patients suffering from foot ulcers.

Carpal Tunnel Syndrome

Carpal tunnel syndrome is a common condition that causes pain, numbness, and tingling in the hand and arm. Carpal tunnel syndrome is caused by pressure on the median nerve as it travels through the carpal tunnel. Studies show that women and older people are more likely to develop the condition. It is known that conditions such as heredity, repetitive hand use, pregnancy, diabetes, rheumatoid arthritis, and thyroid gland imbalance trigger carpal tunnel syndrome.



Modus Basic Technical Specifications

Manufacturer : İnceler Medikal Sağlık Hiz. San. Tic. Ltd. Şti.
Model : Modus® Basic
Compressed Air Supply : 10-10 bar
Average Pressure : 1-5 bar
Frequency of use : 1-22 Hz
Power Supply : 100-240 VAC , 50/60 Hz , 50W
Fuses : 2 x a A , 230 VAC
Display : LED LCD Display
Treatment Start/ Stop : Main Unit button , Handpiece Button and optional Foot Pedal
Handpiece : SUSPENSION SYSTEM, 3 million shock pulses (3.000.000 SHOCK)
Weight : 13,50 kg
Dimensions : 384 mm X 316 mm X 226 mm

Classification:
Conforms to EN 60601-1
criteria. Class 1 Applied Part BF
IP 20 (Foot Pedal IPX5)
MOD 93/42 CEE Class IIb
(EMC Tests Report No. LVT, Ankara)

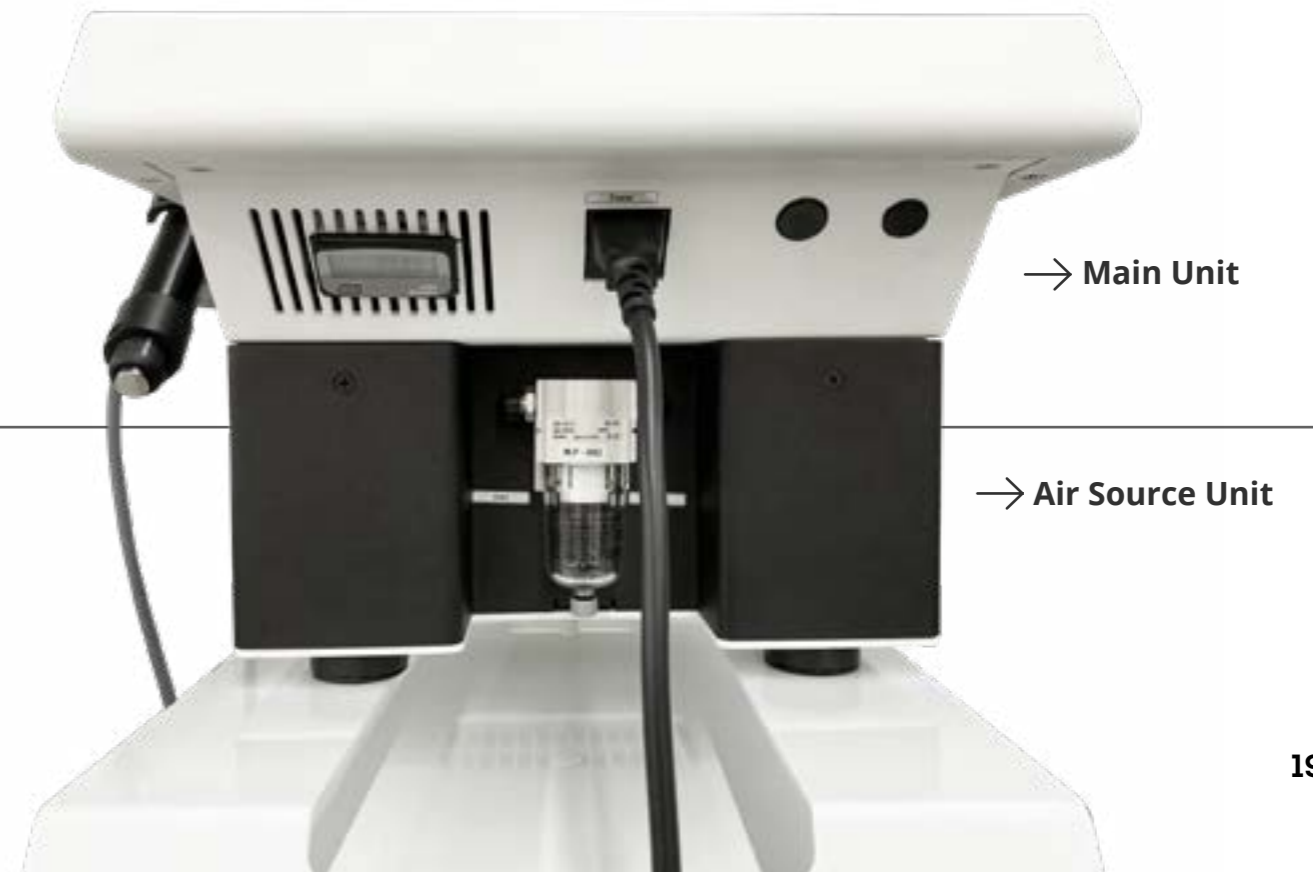
Operating environment
10°C < temperature > 30°C
30% < humidity > 75%
700 hPa < atmospheric pressure > 1060 hPa

Storage and Carriage Conditions
-10°C < temperature > +40°C
10% < humidity > 95%
500 hPa < atmospheric pressure > 1060 hPa

Applicators
6 mm Radial P. Depth 0-90 mm
10 mm Radial P. Depth 0-85 mm
15 mm Radial P. Depth 0-45 mm
15 mm Trigger P. Depth 0-80 mm
15 mm Focus P. Depth 0-60 mm
20 mm Radial P. Depth 0-50 mm
35 mm Radial P. Depth 0-75 mm



Modus Basic ESWT
Radial Shock Wave Therapy



→ Main Unit

→ Air Source Unit



Modus Basic ESWT

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İNCELERMEDİKAL.COM

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