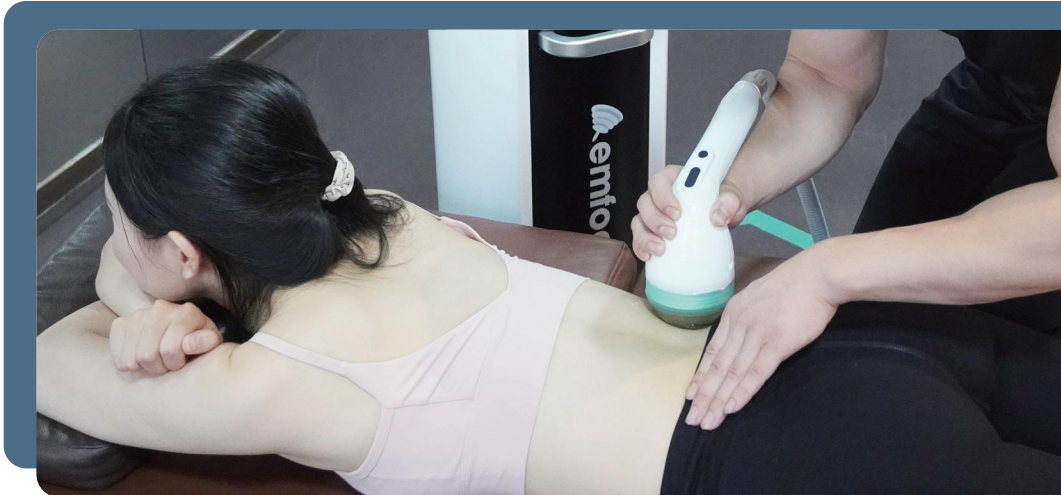


WHAT IS EMFOCUS ?

Shockwave therapy, also known as Extracorporeal Shockwave Therapy (ESWT), is a non-invasive treatment that utilizes high-energy acoustic waves to stimulate your body's natural healing process. Originally developed to treat kidney stones and gallstones, it has been found to be effective in treating musculoskeletal injuries and chronic pain conditions.

Focus shock wave therapy can provide deeper penetration for deeper tissue than radial waves, focusing its output into more localised, more profound areas.



EMFOCUS, the electromagnetic focus shockwave is based on the physical principle of electromagnetic induction. It enables very precise and highly sensitive dosing of the applied shock wave energy. The shock wave source used a special coil to focus the shock waves. Shock waves are generated in water outside the body and then transmitted to the biological tissue. This provides an accurately defined focal zone that can move through the skin without losing power.

And the site of the applicator on the skin experiences a minimal impact, limiting the damage to surface skin and underlying soft tissues (safer & more comfortable).

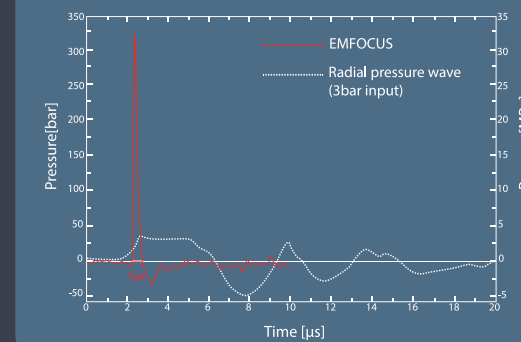
EMFOCUS treats at defined points within the body and is further adapted depending on the required depth. This accuracy feature makes focus shock wave therapy much better for treating issues deeper within the body.



HOW DOES EMFOCUS WORK ?

EMFOCUS shockwaves have substantially higher pressure amplitudes, characterized by a single, mostly positive pressure pulse followed by a comparatively small tensile wave component (negative pressure pulse). EMFOCUS shockwave will produce a pressure peak in the range of 5-50 MPa Mega-Pascals (MPa), compared to the positive peak pressure of 0.1-1 MPa for a radial pressure wave – 100 times the amount of energy.

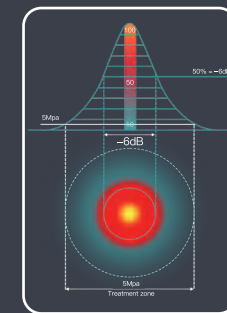
Furthermore, the time taken for a focused shockwave to reach that peak, as well as its overall pulse duration, is far shorter than that of a Radial shockwave. It's faster, stronger and comfortable.



This is the pressure distribution of shock wave focal zone. That is the area in which the shockwave produces biological effects. The shock wave treatment area inside the body is not identical with the size of the -6dB focal zone. It can be larger or smaller.

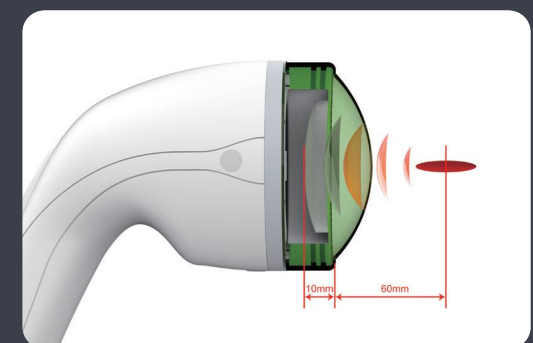
This definition is based on the assumption that a certain minimum pressure threshold exists below which shock waves have no or only minimal therapeutic effectiveness. The focal zone is the area of maximum energy intensity. The size of focal zone is basically independent of the selected energy level.

By contrast, the size of the treatment zone depends on the selected energy level. EMFOCUS maximum 100% energy output (energy level at 0.45J/mm²).



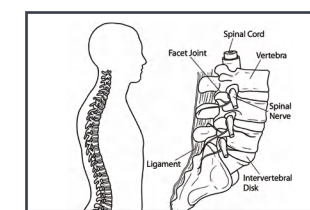
Focused shockwaves are generated by electromagnetic, and it utilizes water to generate the shockwaves. It was noted that shock waves penetrate much better through water than they do through air.

The electromagnetic membrane is immersed in water and the pressure wave produced by the membrane propagates through the water to a concentric parabolic reflector, where it is reflected to a focal point outside of the handpiece in front of the reflector. EMFOCUS uses smart water system to control the water level in bladder, the volume of water changing as well as the depth of shockwave penetration changing. The higher the water level, the shallower the shock wave penetration. The maximum depth of focal zone to 60mm.

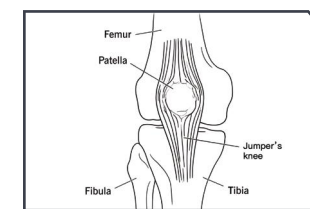


EMFOCUS

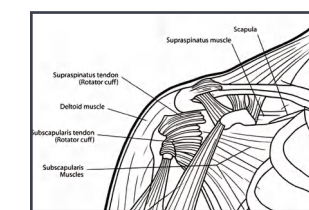
EMFOCUS APPLICATIONS



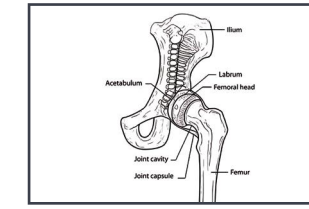
Low back pain



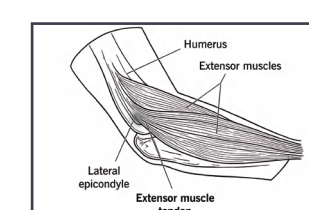
Sprained knee



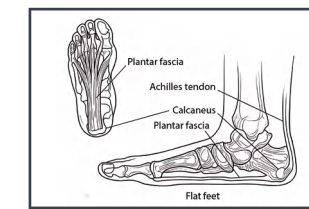
Calcific shoulder tendinitis



Hip pain

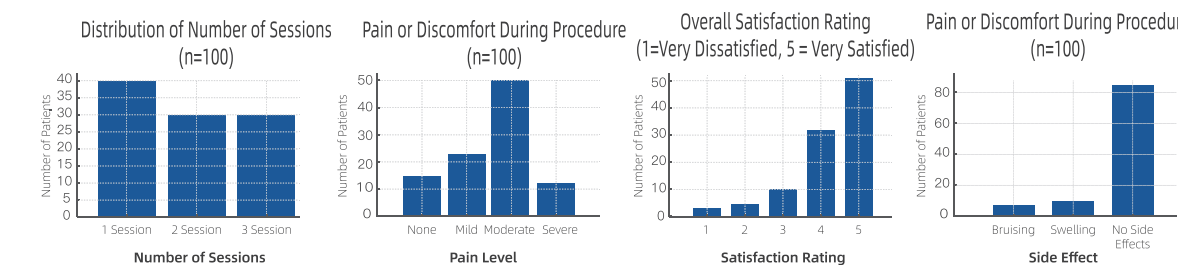


Tennis elbow

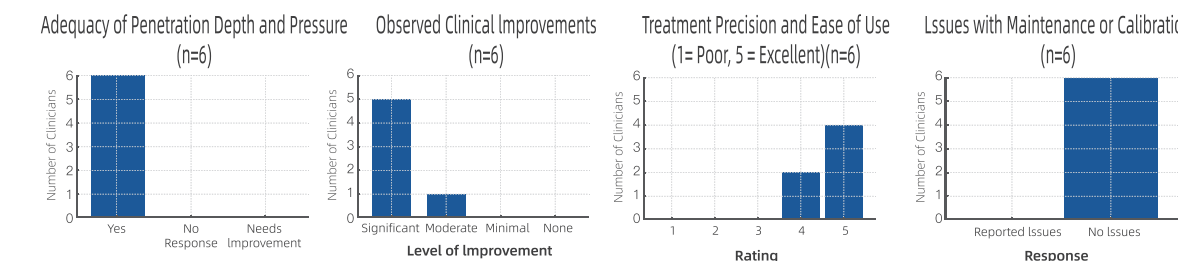


Plantar fasciitis

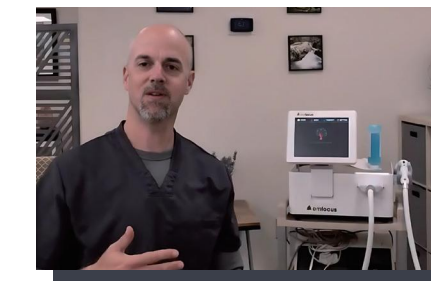
PATIENT FEEDBACK



CLINICIAN FEEDBACK



EMFOCUS TESTIMONIALS



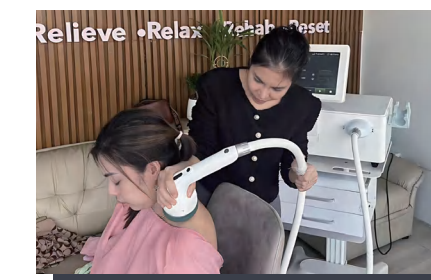
UNITED STATES

“ I would never use anything on a patient that I wouldn't use on myself. I've been using focused shockwave therapy for an old knee injury, and getting much better. ”



ITALY

“ I bought this focus shockwave machine and it works great! I used it on a long-term client of mine who had severe knee pain, I'm so glad I was able to really help him. ”



THAILAND

“ Beautiful smart design and technology, highly recommended if you are looking for the best and under excellent customer service and support. Almost satisfy all my needs in the daily practice. Focus shockwave is very effective in the sport injuries!!! ”



GUATEMALA

“ I am impressed with the effectiveness of the EMFOCUS. The results have been remarkable, and I've noticed significant improvements after just a few sessions. ”

www.kaphaphysio.com

EMFOCUS

KAPHAPHYSIO®



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Amber Han
General Manager

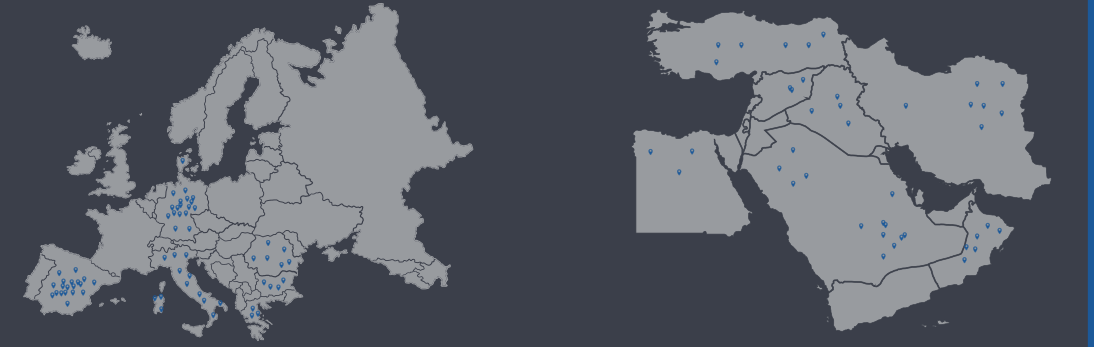
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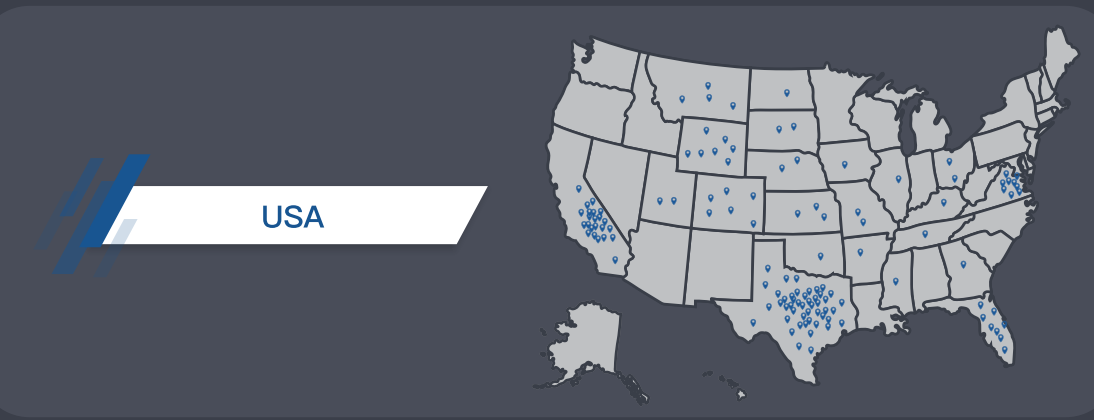


WHERE IS EMFOCUS ?



EUROPE

MIDDLE EAST



USA



CENTRAL AND SOUTH AMERICA

SOUTHEAST ASIA

EMFOCUS Models

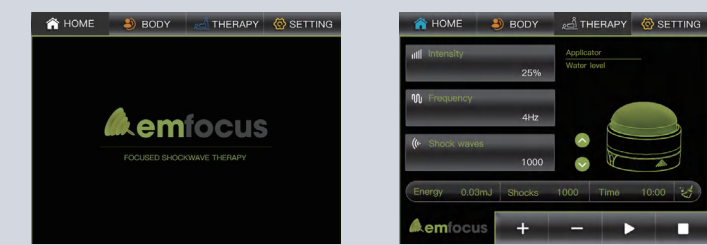


Technical Data

Model	EMFOCUS	Pressure rang	5-50MPA
Power voltage	≤400W	Voltage	100-110V or 220-240V
Penetration depth	>60mm	Applicator	1PCS
Frequency	1-4Hz-10Hz	Number of protocols	11-20 types
Screen size	12.1 inches		
EMFOCUS			
Gross weight	40 KG	Gross weight	37 KG
Dimensions	62*54*47 cm	Dimensions	64*56*48 cm
EMFOCUS - II			
Gross weight	55.5 KG	Gross weight	66 KG
Dimensions	73*56.5*105 cm	Dimensions	51*54*100cm
EMFOCUS - III			
Gross weight	55.5 KG	Gross weight	66 KG
Dimensions	73*56.5*105 cm	Dimensions	51*54*100cm
EMFOCUS - VET			
Gross weight	55.5 KG	Gross weight	66 KG
Dimensions	73*56.5*105 cm	Dimensions	51*54*100cm

EMFOCUS Software

12.1-inch version



Home page

Therapy page

10.4-inch version



Therapy page

Water level control

Operation procedures



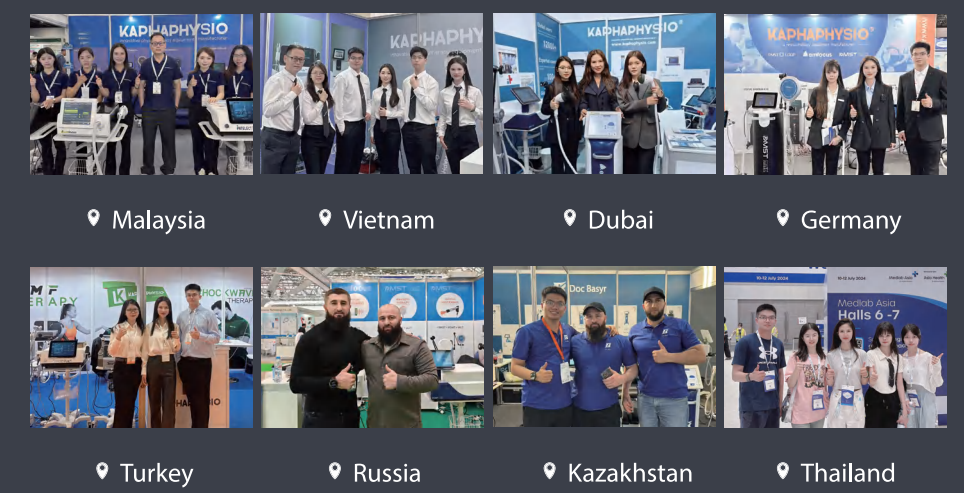
Focus shockwave VS Radial shockwave

Item	FOCUS SHOCKWAVE	RADIAL SHOCKWAVE
Penetration Depth	>60mm	0-35mm
Impulse	Fast	Slow
Effect	Deep Mechanical	Superficial
Target	Muscle, bone, tendon, ligament	Skin, muscle
Number of Treatments	Less	More
Treatment Duration	300-1000 shockwaves	2000-4000 shockwaves
Usage Area	Physiotherapy, orthopaedics, sport medicine, urology, dermatology, cardiology, veterinary	Physiotherapy, orthopaedics, sport medicine, aesthetics
More effective in	Erectile dysfunction, wound treatment	Superficial muscle relaxation
Wave Propagation	Convergent Wave (←)	Divergent Wave (→)



KAPHAPHYSIO is a leading manufacturer of physiotherapy devices in China, with an experienced team that integrates production, R&D, sales, and distribution. We provide innovative physiotherapy technologies, including focus and radial shockwave therapy, PEMF therapy, magnetic therapy, tecar therapy, high-power laser therapy, low-level laser therapy, electrotherapy and ultrasound therapy.

Global Medical Events



KAPHAPHYSIO® Premium

INNOVATIVE PHYSIOTHERAPY EQUIPMENT MANUFACTURER

