

40 YEARS of
**INNOVATION
& EXPERIENCE**

AMSW THERAPY

PULSWAVE PLUS
DEVICE FOR
SHOCKWAVE THERAPY

 **Mecmedix**



PULSWAVE

SHOCK WAVE EQUIPMENT, EFFECTIVE AND POWERFUL

Thanks to continuous technological and therapeutic research, Mecmedix has developed **PulsWave PLUS**, the shock wave device based on electromagnetic technology: a non-invasive and extremely effective therapy in numerous pathological situations.

WIDE RANGE OF POWERS
UP TO 200 mJ

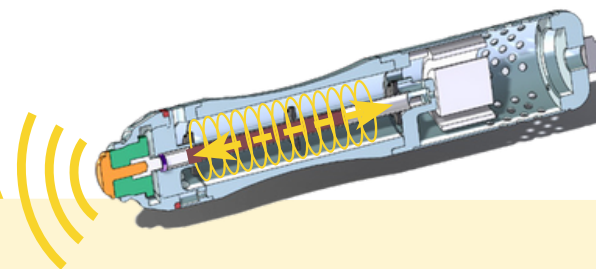
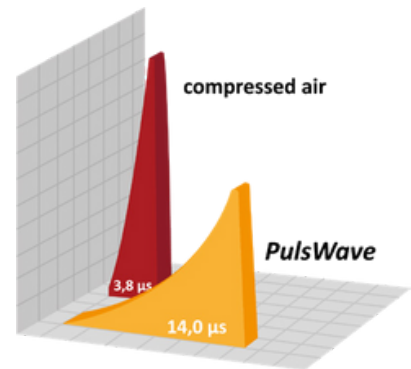
WIDE RANGE OF FREQUENCIES
UP TO 25 Hz

ENERGY SUPPLY
FOR A **PROPER CLINICAL DOSAGE**

5 MILLIONS SHOT GUARANTEED
PERFORMANCE WITHOUT COMPROMISE

ULTRA SOFT SHOT

Shockwave therapy generates unique and innovative high-energy acoustic waves using a bullet that is **5 times stronger than standard systems**. Thanks to a longer impulse rise time, it is possible to generate the same energy avoiding annoying pressure peaks.



MAGPULSE SYSTEM

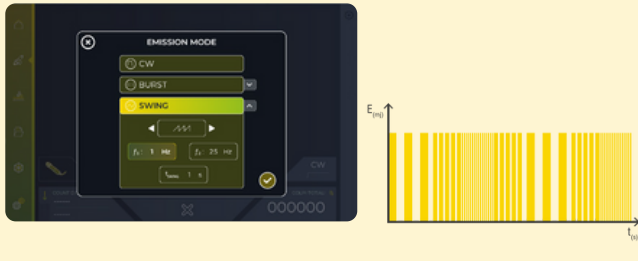
The **PulsWave PLUS** device is equipped with the advanced and innovative MAGPULSE electromagnetic generator with minimal eddy currents, thanks to which it is possible to generate Ultras Soft Pulse with high therapeutic compliance, thus allowing to generate up to 5 MILLION guaranteed shots.



SCIENTIFIC RESEARCH

SWING MODE

The innovative Swing mode allows you to create a multi-frequency shock wave treatment. With this mode, the frequency of emission varies during the treatment, allowing the therapy to perform well on the different tissue targets.



"EFFECTS OF RADIAL SHOCK WAVES THERAPY ON OSTEOBLASTS ACTIVITIES"

Notarnicola A, Tamma R, Moretti L, Fiore A, Vicenti G, Zallone A, Moretti B. - Epub 2012 Jul 27

REAL TIME UPDATING

PulsWave PLUS has a USB socket on the back of the device, thanks to which it is possible to constantly update the software.

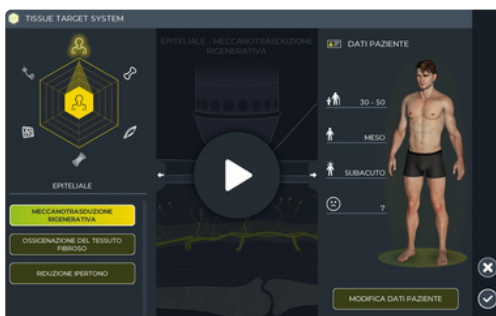


THERAPEUTICAL PROTOCOLS



PulsWave PLUS has an interactive menu with the possibility of using specially designed and divided according to the anatomical area to be treated. It is also possible to create and save customized protocols, choose to treat the patient according to the effect to be obtained or select one of the non-localized pathologies present.

TISSUE TARGET SYSTEM



Thanks to the Tissue target system, it is possible to set the therapy according to the type of tissue that will be treated, the desired effect and the patient's characteristics, for an increasingly precise and personalized calculation of the therapeutic dose.

Sara Loda
Capitano VOLLEY BERGAMO -
Stagione agonistica 2020-2022



TECHNICAL SPECIFICATIONS

DEVICE	PULSWAVE 2
SOFTWARE	Real-Time Operating Systemowner MecOS 5.0
SHOCK WAVES TECHNOLOGY	Shock wave device with electromagnetic generator
ENERGY LEVELS	From 50 mJ (< 1 bar) up to 200 mJ (> 5 bar) with step of 10 mJ
FREQUENCIES	1-25 Hz (with all levels of power)
MODE	Continue, Burst, Swing
EFFECTS MODE	Protocols for maximizing the main effects: Biostimulating, Anti-inflammatory, Decontractant, Anti-edema, Antalgic
PROTOCOLS	- Over 90 preset protocols - Creation of custom protocols
TISSUE TARGET SYSTEM	Possibility to set the therapy according to the type of tissue that will
DISPLAY	Color touch display IPS HD 10,1" capacitive
SUPPLY	100÷240V 50÷60Hz Fusible 2x2 AT
ABSORPTION	250 VA
WORKING TEMPERATURE PARAMETERS	0-30° C Relative humidity: between 30 and 75% without condensation Pressure: between 700 and 1060 hPa
TRANSPORT CONDITION	-10° ÷ 55° C Relative humidity: between 10% and 100% without condensation Pressure: between 500 and 1060 hPa
IP CLASSIFICATION	Device: IP Handpiece: IPX0 Pneumatic Foot Switch: IPX4
SIZE	- Without cart: 295 x 265 x 150 mm - With cart: 516 x 516 x 1017 mm
WEIGHT	- Without cart: 4 Kg - With cart: 24 Kg - Handpiece: 0,9 Kg
CERTIFICATION	CE0051
WARRANTY	2 years or 5,000,000 guaranteed* strokes

*Prior Mecmedix verification



"PAPU" Alejandro Gomez
Captain of Atalanta in the 2017-2018 season
and player of the Argentina national team

SUPPORTING CHAMPIONS

Mecmedix is proud to collaborate with some of the world's leading professional teams and athletes. Our technologies are chosen to **enhance performance, accelerate injury recovery, and ensure the best physical well-being** for high-level athletes.



TECHNICAL SUPPLIER
MEDICAL EQUIPMENT



Mecmedix

FORNITORE
UFFICIALE
2024/25



FINP
FEDERAZIONE ITALIANA NUOTO PARALIMPOICO



BENEFITS for SPORTS



**FAST
RECOVERY**



**PREVENTION
OF RECURRENT
INJURIES**





**ULTRA SOFT
PULSE**



**INNOVATIVE
SWING MODE**



**PROTOCOLS
FOR PATHOLOGIES**



**THERAPY FOR
THERAPEUTIC
EFFECTS**



**A WIDE POWER
RANGE**



**ELECTROMAGNETIC
GENERATOR
MAGPULSE**



**TISSUE TARGET
SYSTEM**



ACCESSORIES

INCLUDED



Small applicator

Small applicator suitable for small districts and trigger point treatments.



Medium applicator

Large applicator ideal for large area treatment.



Large applicator

This applicator can be used in auriculotherapy, acupuncture or when it is necessary to administer energy with extreme precision.



PulsWave handpiece



Biocompatible silicone cap



**Pneumatic foot pedal
with metal base**



Carrello PLUS vers. PulsWave



Power cable



OPTIONALS



Soft bag for transport
34 x 34 x 20cm



Rigid bag for transport
47 x 35 x 25cm

ADVANCING THERAPY, EMPOWERING PROFESSIONALS

Mecmedix empowers healthcare professionals with cutting-edge technology and specialized training, ensuring optimal treatment outcomes. Through global education programs and expert support, we enhance skills and set new standards in rehabilitation.



50+

TRAINING COURSES
PER YEAR

Ongoing **professional
education** for
therapists.



PROVEN EFFICACY SUPPORTED BY

19.000+

Over 19,000 scientific studies
confirm the effectiveness
behind Mecmedix therapies.



300.000+

THERAPISTS TRAINED

Devices used by over 300,000
professional therapists



70.000+

Mectronic/Mecmedix devices
used in clinics and hospitals



MYMECMEDIX: YOUR
ONLINE HUB FOR
**COURSES, TRAINING,
SUPPORT AND THERAPY
INSIGHTS**



200+

Therapy protocols
developed and tested.



NEVER STOP **INNOVATING** *for* A **HEALTHIER WORLD**

Mecmedix brings together cutting-edge technology, global expertise, and a commitment to personalized care. Our therapies not only speed up recovery but are designed to be effective for every patient, offering personalized protocols for tangible results.

As we look to the future, we invite you to explore how our advanced therapies are enhancing lives around the world.

At Mecmedix, health is our mission.

Join Us on our Journey to a Better Health



Mecmedix

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