



Z Wave

Radial Pulse Technology



Z Wave Results Radial Pulse Technology

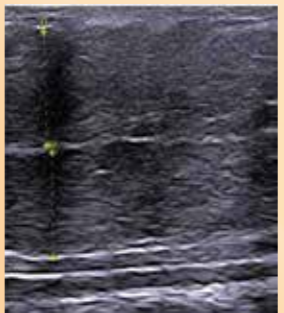


before application



a few weeks after 10 treatments

before application



a few weeks after 10 treatments

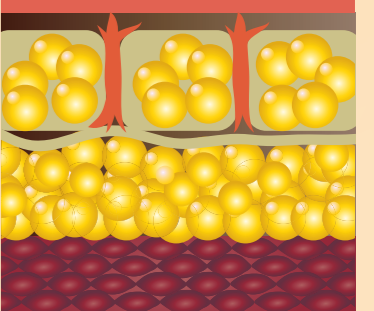
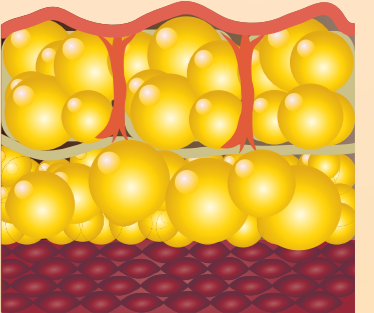
High frequency ultrasound before & after RPT

before application



after application

before application



after application

Z Wave – for Cellulite Treatment and Enhanced Body Contouring Results

Greater Comfort for the Patient and the Practitioner

Body contouring

"Z Wave technology mobilizes dead fat cells after treatment, stimulates metabolism, lymphatic drainage, and blood flow to the treated area. It has added immensely to patient results. We own six body shaping technologies and use Z Wave with most of them and also as a stand-alone... We've really seen it boost our body shaping practice."

Sarah Sawyer, MD
Dermatology & Laser of Alabama,
Birmingham, AL



Advantages of Z Wave

- gentle, painless and quick treatments
- no disposables
- no down time
- non-invasive treatment
- easy to operate
- consistently reproducible results
- visible results
- superior alternative to hand massage

The difference between Z Wave vs. hand massage



Photo Courtesy of Dr. John Shieh,
South Pasadena, CA

F=ma: Soft Shot Technology

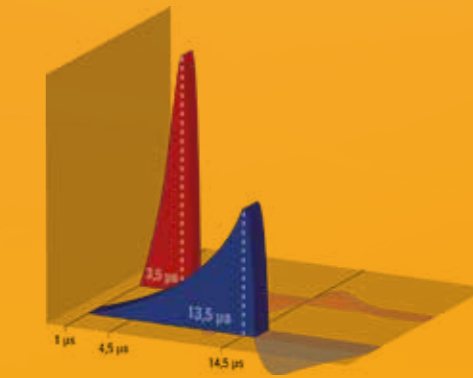
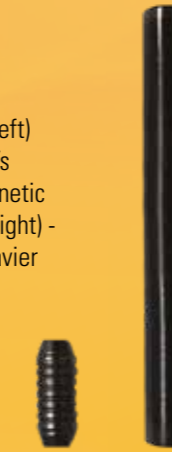
Zimmer MedizinSystems electromagnetic technology uses a projectile that has a 5 times greater **mass** than pneumatic systems.

This makes for equal **Force** using 5 times less acceleration.

Less **acceleration** means a softer, more comfortable pulse on the surface of the skin.

We call this **Soft Shot Technology**.

Pneumatic projectile (left) vs. Z Wave's electromagnetic projectile (right) - 5 times heavier



enhanced patient comfort due to longer rise time (pulse width) without the need for unpleasant high peak energy

Hand piece characteristics

- efficient energy transfer from hand piece to deep tissue structures up to 35 mm
- treatment is comfortable for both patient and practitioner
- hand piece is controlled via foot switch
- Z Wave hand pieces are ready for use any time
- *each* hand piece is warranted for 2,000,000 pulses.
- hand piece never needs a rebuild

Body contouring

"We own many body contouring technologies, including CoolSculpting®, Vanquish ME™, JuVaShape™ Ultrasound & RF and EMSculpt®. But what we have found is that when we couple the Z Wave treatment with every single technology, we get better, faster and more consistent results. Our patients are happy and that makes us happy, too!"

Victoria Cirillo-Hyland, MD
Cirillo Cosmetic Dermatology Spa
Bryn Mawr, PA



Cellulite

"I was pleasantly surprised to see how many of our patients are enjoying its results as a stand-alone treatment for cellulite. It's really the first cellulite reduction system that has delivered consistent results in our hands. More importantly, the patients are extremely satisfied and in addition to repeating treatments, they are telling their friends about it."

Ross Kaplan, MD
Coastal Dermatology
Camarillo, CA



Mode of action

Z Wave transmits powerful sound waves into tissues. The energy then spreads out radially to enhance the treatment effect.

The body responds to the Z Wave sound waves with heightened metabolic activity in the form of lymphatic drainage and increased blood flow.

The result is an improvement in the appearance of cellulite and for other body contouring procedures, improved results with an easier recovery.



Pro

Z Wave^{Pro} - A New Dimension in Radial Pulse Technology

Success Made Easy

With its 12" color touch-screen and preset programs, the Z Wave^{Pro} is intuitive and easy to operate. Programs can be selected from the "application" or "favorites" lists. Up to 240 custom programs can be defined and stored. Frequency and energy can be set using two controller knobs and parameters are clearly displayed on the monitor.

The modern mechanical shockwave generator offers a long life with consistently high precision. Updates, program storage and service are carried out via an SD card function.

Because it is equipped with two hand pieces, the Z Wave^{Pro} is always ready for use. Each hand piece comes with a 2,000,000 pulse warranty.

Special Features

- simultaneous connection of 2 hand pieces
- intuitive and user-friendly touch screen operation
- energy levels from 60 to 185 mJ
- pulse frequencies from 1 to 22 Hz
- pulse counter
- menu with detailed application recommendations
- SD card for memory, updates and service
- proven reliability
- can store "favorite" settings for easy retrieval and use



Z Wave^Q - The "Q" is for "Quiet"



Radial Pulse Technology Was Never This Quiet - and Felt This Good

The new Z Wave^Q system is equipped with an innovative water-cooled generator ensuring high efficiency and durability.

The new ergonomic hand piece with "shock absorber" offers the industry's quietest operation, the highest level of safety, and maximum comfort to the patient.

Simple to Use

The large touch screen 12" display technology allows for quick selection of preset and saved programs. Application specific programs can be saved easily. Changes in treatment parameters are just a few taps away.

Reliable and Convenient

State-of-the-art water cooled technology not only offers super quiet operation, but also enables the hand piece to stay cool all day long.

Zimmer MedizinSystems hand pieces never need to be rebuilt. Competitor technologies typically require rebuilding at every 1,000,000 pulses.

Worry Free

All of this with a super 2-year limited warranty on the system and 2,000,000 pulses on the hand piece.



Q



Technical Data



Z Wave^Q

| | |
|-------------------|---|
| Technology | Compressor-free, electro-magnetically generated, water-cooled Radial Pulse Technology, 1-22 Hz, 60-185mJ |
| Programs | 3 recommended application presets |
| Control Unit | 12" color touch screen for all software operations; knobs for full range control of energy and frequency settings. Hand piece operation via multi-directional foot switch |
| Memory and Update | SD card for custom user programs/error log/firmware updates |
| Voltage | 110 volts, 60 Hz |
| Dimensions | L 21" / W 21.5" / H 55" |
| Weight | 52 lbs. (monitor, syscart, 1 hand piece, foot pedal) |
| Warranty | 2,000,000 pulses on hand piece; 2-year limited warranty on system |

Z Wave^{Pro}

| | |
|-------------------|---|
| Technology | Compressor-free, electro-magnetically generated, air cooled Radial Pulse Technology, 1-22 Hz, 60-185mJ |
| Programs | 3 recommended application presets |
| Control unit | 12" color touch screen for all software operations; knobs for full range control of energy and frequency settings. Hand piece operation via multi-directional foot switch |
| Memory and Update | SD card for custom user programs/error log/firmware updates |
| Voltage | 110 volts, 60 Hz |
| Dimensions | L 20.5" W 21" H 54.5" |
| Weight | 48 lbs. (monitor, syscart, 2 hand pieces, foot pedal) |
| Warranty | 2,000,000 pulses on each hand piece; 2-year limited warranty on system |

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