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Why CellSonic VIPP Is Different

A Complete Explanation of How CellSonic Works and Why No Other Machine Compares

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With contributions from Cathy Edward, Advanced Healing & Health, Canada

The Simple Version

Your body is mostly water. Between 50% and 75% depending on the individual. Your brain, heart, lungs, kidneys, muscles, skin, and bones all contain and rely on water.

The CellSonic VIPP machine fires 25,000 volts across a tiny gap inside the shock head. That gap is filled with pure distilled water. When the voltage jumps the gap, it creates a bang, a flash of light, and an electrical field, all in a billionth of a second. Think of it as a hand-held thunderstorm.

That bang does something extraordinary to the water inside the shock head. It splits it. Water is H_2O , hydrogen and oxygen. The electrical action separates them. You can see the bubbles forming inside the head.

Here is the key: what happens in the shock head also happens in the water inside your body.

The pulse travels through the membrane, through the gel on the skin, and into the body. When it reaches the water in your tissue, the same electrolysis occurs. Oxygen forms at the treatment site and kills infection. Hydrogen forms and promotes the growth of healthy new cells. Your body's own water becomes the medicine.

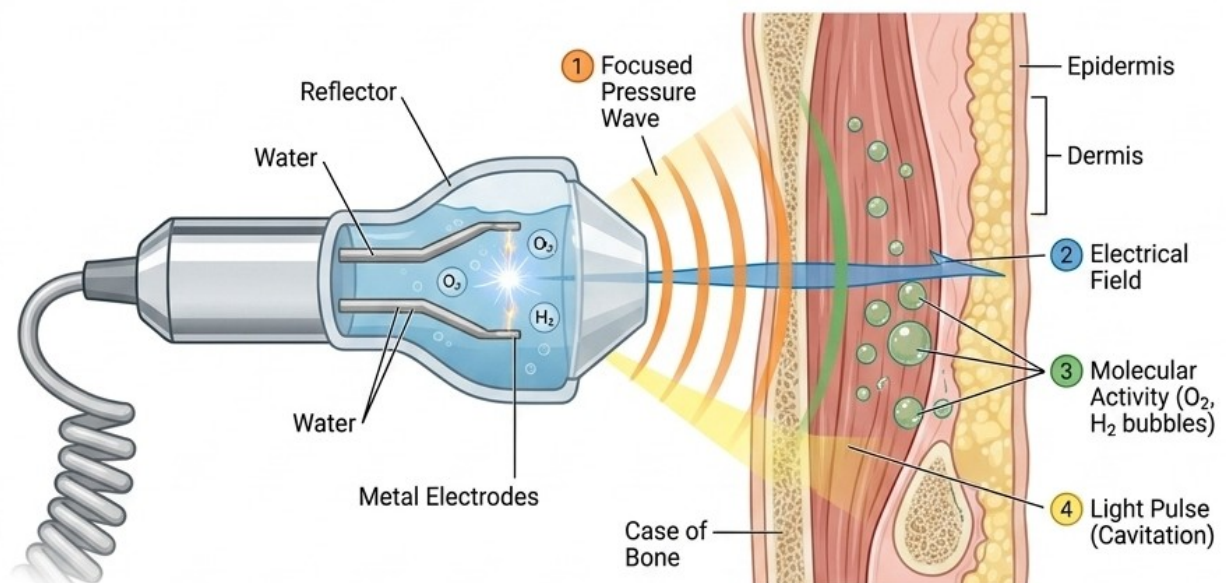


Figure 1: Cross-section of the CellSonic VIPP shock head. The 25,000-volt discharge across the electrodes splits the water into oxygen and hydrogen, and projects four forces through the skin into the tissue and bone beneath.

Four Forces in a Billionth of a Second

CellSonic VIPP delivers four forces simultaneously with every pulse. No other machine on earth delivers all four together.

1. Pressure

The bang creates an intense pressure wave. Because it is generated by electricity (the fastest possible method), the rise time is virtually instantaneous, creating a true shockwave. After the peak, the pressure drops below zero, creating cavitation, a push-pull effect that makes the pulse especially powerful. Ballistic shockwave machines, which use a piston hitting the end of a cylinder, do not achieve this. Their rise time is too slow. They do not produce cavitation. They penetrate approximately 6mm (a quarter of an inch). The CellSonic pulse travels through the entire width of the human body.

2. Electrical Field

The 25,000-volt discharge creates a powerful electrical field that is projected by the parabolic shape of the reflector into the body. This field passes through all tissue, hard and soft, including bone. It travels through the skull and past the ribs. This is why CellSonic successfully treats brain tumours and cancers inside bone, conditions that no ballistic shockwave machine can reach. A healthy cell maintains a voltage of minus 75 millivolts across its membrane. A cancer cell drops to minus 15 millivolts. The CellSonic electrical field restores the cancer cell's voltage to healthy levels instantly. No drugs required. No side effects.

3. Electrolysis (Oxygen and Hydrogen)

This is the force that was originally misunderstood. The bubbles that formed inside the shock head were considered a nuisance, a manufacturing fault to be managed. They are the opposite. They are the signature of electrolysis: water splitting into oxygen and hydrogen. When the pulse enters the body, the same process occurs in the water within your tissue. Oxygen is released at the treatment site, killing germs, bacteria, and infection. Hydrogen is released, promoting angiogenesis (new blood vessel growth), nerve repair, and the regeneration of healthy tissue. People buy bottled hydrogen water for health benefits. CellSonic produces hydrogen directly at the treatment site inside the body.

4. Light

The electrical discharge produces a flash of light across a range of frequencies. If the machine is used in the dark, the flash is visible. Many researchers consider this light pulse to be therapeutically significant. Because all four forces occur simultaneously in a single nanosecond pulse, it is difficult to isolate the effect of any one. They work together as a combined system.

The Fifth Mechanism: Stem Cells and the Threshold

Beyond the four forces, CellSonic VIPP triggers something no other machine can: the body's own stem cell repair system.

All new tissue grows from stem cells. Immature stem cells are stored in the body, usually in the large bones of the hips and legs, waiting to be deployed after injury. When the immune system detects an injury, it instructs these immature stem cells to travel through the bloodstream to the site of damage. Once they arrive, they become exactly the right type of cell, skin, nerve, blood vessel, or bone, in exactly the right number, at exactly the right location. Only the immune system can direct this operation.

The question is: what triggers the immune system to respond?

Professor Hague's research into what he calls the threshold explains it. The body has a tolerance level, a point above which it recognises something as an injury requiring repair. If the threshold is set too low, the individual becomes too frightened to function. If it is set too high, injuries go unhealed. The CellSonic pulse is intense enough to breach this threshold. The immune system recognises the pulse as an event that demands a healing response. It immediately instructs immature stem cells to migrate through the bloodstream to the treatment site.

This is why CellSonic heals wounds that nothing else can. The three components of healing, nerves, arteries, and veins, must work together. If one fails, they all fail. The CellSonic pulse reactivates the entire system.

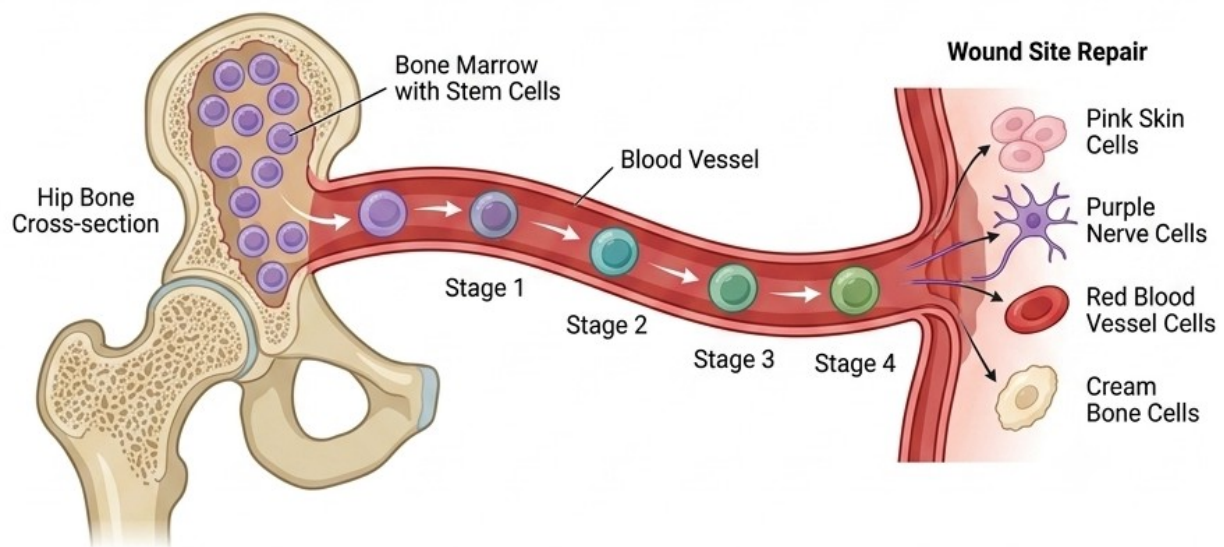


Figure 2: Immature stem cells stored in the bone marrow travel through the bloodstream to the treatment site, maturing in stages before forming the exact skin, nerve, vessel and bone cells the repair requires.

Witnessed in Practice: The Diabetic Patient in Poland

Professor Hague describes witnessing this mechanism in a patient in Poland with a diabetic ulcer extending from the knee to the toes. The standard protocol was applied: 100 pulses per square centimetre at energy level 4. The patient showed no response. His eye blink rate was almost at sleeping level. He could not feel anything.

Professor Hague turned the power up to level 8. No response. Then to maximum, level 10. After a few minutes at full power, the patient flinched. His shoulders moved. He felt something happening in his leg for the first time.

The patient's nerves had been shattered by years of diabetic damage. The CellSonic pulse at full power breached the threshold and reactivated the nerves. Once the nerves responded, the immune system could recognise the injury and begin the healing cascade: stem cells migrating to the site, forming into new skin, new nerves, new blood vessels. Nature taking its course, triggered by a machine that speaks the body's own language.

CellSonic VIPP vs Ballistic Shockwave Machines

Feature	CellSonic VIPP	Ballistic Shockwave
Pulse generation	Electrical discharge (fastest possible)	Piston hitting cylinder (mechanically slow)
Rise time	Virtually instantaneous	Slow (milliseconds)

	(nanosecond)	
Electrical field	25,000 volts projected into body	None
Penetration depth	Through entire body, including bone and skull	Approximately 6mm (quarter inch)
Cavitation effect	Yes, push-pull pressure wave	No
Electrolysis in body	Yes, O ₂ and H ₂ formed at treatment site	No
Stem cell activation	Yes, breaches threshold triggering repair	No
Light emission	Yes, therapeutic flash	No
Cancer treatment	Restores cell voltage -15mV to -75mV	Not applicable
Brain tumours	Effective, passes through skull	Cannot reach
Pulses per second	4 per second at full voltage	Variable, lower energy
Repeat treatments	Usually one session sufficient	Patients return repeatedly
Side effects	None	Bruising at higher settings

What the Patient Feels

Some patients report that they do not "feel" anything dramatic during treatment. This is normal and expected. As Cathy Edward of Advanced Healing explains:

"When some might say you don't feel anything from the treatments, do you feel your liver working? Do you feel your spleen working? With CellSonic, your body is in repair mode. The repair happens with the lightning strike pulses and has lasting effects."

The machine starts with a soft start protocol, slowly rising through energy levels as the analgesic effect numbs the nerves in the treatment area. The pulses fire four times per second. The treatment takes minutes. The body continues healing naturally long after the session ends.

Engineering That Cannot Be Copied

The CellSonic shock head is machined stainless steel formed into a precise parabolic reflector. The shape directs the pulse forward into the body. Across the parabola is a membrane thin enough to allow the forces through without constraining them. The anode and cathode inside the head are set at a precise gap distance. When the voltage jumps this gap, it creates the discharge that produces all four forces simultaneously.

The ability to switch 25,000 volts on and off four times per second was engineered by Dr Ghate. The knowledge of how this is achieved sits with him and his son. It is not patented because, like Coca-Cola's formula, a trade secret held by the people who built it is more defensible than any patent. No other manufacturer has replicated this capability.

The shock heads are consumable components, replaced after approximately 50,000 pulses. The gases formed by electrolysis inside the head must be managed through de-gassing, a maintenance step that ensures the water remains liquid and the pulse remains hard. A catalyst powder in the water helps recombine the hydrogen and oxygen back into water between treatments.

The History: From Kidney Stones to Curing Cancer

CellSonic technology evolved from lithotripsy, the medical use of pressure waves to break kidney stones. Professor Hague worked on the first lithotripter in Britain in 1987 at St Thomas' Hospital in London. Lithotripsy has been used safely in hospitals worldwide for over forty years. Millions of patients. No side effects. It remains the only large-scale use of biophysics in mainstream medicine today.

The original technology traces back further, to a Romanian medical engineer in the 1950s who built a machine to heal soldiers injured in training. The technology was later adopted by a German company to break kidney stones. Four directors of that company subsequently founded HMT (High Medical Technology AG) in Switzerland, where they discovered that the pressure waves could also heal bone fractures and, unexpectedly, chronic wounds.

Over the following decades, Professor Hague refined the technology, choosing the fastest possible method of generating the pulse (electricity rather than compressed air) and progressively discovering the full range of forces the machine produces. The eureka moment came when Dr Steve Haltiwanger's research into the electrical properties of cancer cells explained why CellSonic was curing cancers that no other technology could reach. The electrical field, which travels through all tissue including bone and skull, was restoring the voltage of cancer cells from their diseased state to healthy function. The machine Andrew had built was doing what Steve had spent his life proving should be possible.



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