The SUPERB™
Choice For
Fine Lines & Wrinkles

sofwave™
Sofwave Medical brings a new, non-invasive, minimal downtime approach to improving facial lines and wrinkles. SUPERB™ Synchronous Ultrasound Parallel Beam technology with integrated cooling, enables treatment at the mid-dermis, while ensuring no damage to the epidermis or to the underlying structures beneath the dermis.

Sofwave's breakthrough technology can position your practice at the forefront of innovation with smart, yet simple, effective and safe aesthetic solutions for patients.

SMART Yet SIMPLE Skin Treatment
- Multiple ultrasound beams technology provides high levels of coverage with each pulse
- Proven clinical efficacy
- Simple, intuitive, and fast treatment — improves practice patient workflow

EXCEPTIONAL Safety Profile
- Integrated epidermis cooling Sofcool™
- Real-time skin temperature monitoring
- Treats all skin types
- No damage to the underlying structures

HIGH Patient Satisfaction
- Non-invasive, no interruption to daily routine
- Fast treatment: ~30 to 45 minutes
- Consistent results

Smart Technology
Synchronous Ultrasound Parallel Beam SUPERB™
- High intensity, High frequency, Ultrasound Beam Array — parallel delivery of multiple (7) low divergence ultrasound beams with low sensitivity to tissue inhomogeneity ensuring repeatable and controllable energy deposition in the skin.
- High density uniform deposition of full energy at 1.5mm mid dermis — via direct contact, targeting the effect in the mid-dermis and ensuring no damage to the underlying structures: bones, facial nerves, facial fat and blood vessels.
- Solid state energizer module — robust and stable with no moving parts and no optics.
- Sofcool™ active integrated cooling with real-time skin temperature monitoring mechanism — for optimal epidermal protection and accurate targeting of the thermal effect while managing treatment comfort.
- Treatment of all skin types — ultrasound absorption is determined by the microscopic and bulk mechanical properties of tissue and is independent of skin color or pigmentation.
- Large coverage with each pulse and unique fractional impact to mid-dermis
Smart Science
Sofwave Mode of Action

- The high frequency ultrasound beams propagate through the tissue and create an array of 7 unique geometric 3D cylindrical shaped thermal zones in the dermis separated by regions of undamaged tissue, thereby creating a fractional effect in the mid dermis.
- The fractional ultrasound effect creates a controlled, elongated and directional, thermal coagulation, at depth of 1.5 mm in the mid-dermis that achieves beneficial effects with minimal penetration while ensuring no damage to the epidermis or to underlying structures.
- The Dermal tissue heating (60-70°C) induces collagen production and remodeling in the optimal vectors direction relative to the skin wrinkles.
- The integrated cooling mechanism Sofcool™ protects the epidermis and assists in directing the effect in the mid-dermis.
- The unique vector nature of Sofwave’s impact, stimulates an inflammatory wound-healing response involving neocollagenesis and neoelastogenesis all of which leads to the reduction in fine lines and wrinkles.

Treatment Depth  Achieving Beneficial Effects

Treatment of aging skin requires that the thermal effect be localized in the mid-dermis. The high frequency, parallel beams of Sofwave along with the integrated cooling, enable the thermal effect to remain localized between 0.5 and 2 mm within the dermis, with a center of treatment effect at the depth of 1.5 mm.

Console
Integrated, direct contact technology
- Small footprint, light and maneuverable
- Simple treatment presets and treatment parameter selection
- Large, high definition, color, touch screen
- Display of total delivered energy and other treatment parameters

Hand-piece
Applicator with solid-state energizer module
- Large area coverage
- Clear treatment area visibility
- Lightweight, ergonomic design
- Robust design — no optics, no moving parts, no needles

System Specifications
- Dimensions [W x D x H]: 122 x 40 x 40 cm / 48 x 15.75 x 15.75 inches
- Weight: ~52 Kg. / 114.6 Lbs.

Output Parameters
- Frequency: 10 – 12 MHz
- Energy: 1 – 5 [J]
- Electrical Requirements: 100-240 VAC, 50-60 Hz, 8A Max.
Unique Business Opportunity

- **Fast ROI** – Quick return on investment with no ongoing consumables and low cost of ownership.
- **Treats all patients** – Suitable for all skin types and ages 22 and above.
- **Fast treatment improves practice workflow** – A single treatment takes approximately 30 to 45 minutes, requiring minimum prep time.
- **High patient satisfaction** – Non-invasive with no suspension to daily life and clear improvements in as little as one single treatment.

Proven Clinical Efficacy

Pre-clinical trials demonstrated a clear tissue effect with optimal safety

- **SUPERB™** eliminates the need for the beam to be focused.
- US energy is absorbed and cannot penetrate deeper than 2 mm guaranteeing no injury to underlying nerves, bones and facial fat.
- All high intensity transducers of SUPERB™ operate simultaneously.
- Fractional cylindrical thermal zones are created.

Clinical Results

- The majority of patients were marked as improved to very much improved following a single treatment session only.

72% Of subjects satisfied; self-rated “improved” to “very improved” on GAIS\(^*\) scale

\(^*\) Single Treatment Protocol
\(^*\) GAIS = Global Aesthetic Treatment Score
\(^*\) Data on file. Patient results may vary.

- The safety profile was strong with no serious adverse events reported by study participants.

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“Our patients were surprised they could achieve such obvious results after only one treatment. The Sofwave procedure is tolerated very well and it appears that the treatment depth is ideal for improving aging skin.”

Arielle Kauvar, MD
Dermatologist
Heritage of Innovation
From the founders of the aesthetic industry, Sofwave Medical brings a novel approach to non-invasive skin treatments using proprietary Synchronous Ultrasound Parallel Beam Technology SUPERB™.

Game Changing Approach
Sofwave Medical's breakthrough technology brings a new standard of care to aesthetic treatments, providing physicians with smart yet simple, effective and safe aesthetic treatments for their patients.

Commitment & Passion
Driven by experience and passion, Sofwave Medical is a fast-growing medical aesthetic technology innovator committed to developing cutting-edge technologies for the global aesthetic market.

Completely Delegate-able
Once trained, clinic personnel can administer the treatment.