



3D HIFU SYSTEM

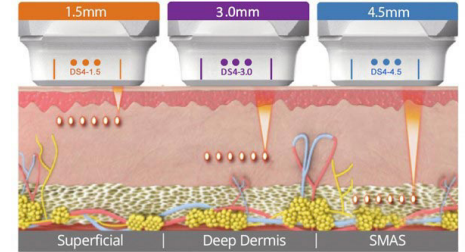
Face & Body



Surgical facelifts have evolved to target deeper tissue planes with less patient downtime. And now, SomaSonix is the next evolution in aesthetic science developed as a 3D device consisting of 11 Lines for faster, more accurate results. It delivers focused ultrasound energy to the same foundational layer typically addressed by surgeons during cosmetic surgery – without cutting or disrupting the surface of the skin. This energy initiates the body's natural response to stimulate the growth of fresh, new collagen and strengthen weak collagen. Some patients see an initial effect right after their treatment, but the real results appear over 2-3 months as new collagen builds, gradually lifting and tightening skin on the face and neck and smoothing skin on the chest.

While SomaSonix does not duplicate the results of a facelift, it's an exciting alternative for those who are not ready for surgery – and for patients who wish to extend the effects of cosmetic surgery.

Ultrasound beams are focused on diseased tissue, and due to the significant energy deposition at the focus, temperature within the tissue can rise to levels from 65° to 85°C, destroying the diseased tissue by coagulation necrosis. Higher temperature levels are typically avoided to prevent boiling of liquids inside the tissue.



- **Non-invasive**
- **No downtime**
- **Builds collagen**
- **Natural results**
- **Single treatment**
- **Safe ultrasound**

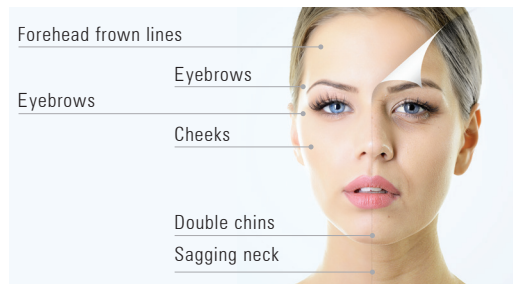
HIFU Treatment Mechanism

HIFU is delivered into SMAS (Superficial Muscular Aponeurosis System), fascia, deep dermis and subcutaneous fibrous tissue and generates the temperature increased. When the temperature grows more than 47°C (the threshold of protein denaturation), the coagulation zone is generated. The zone is filled out by the tissue/muscle surrounded and in this moment, the skin muscle gets elastic and the wrinkle is tightened.

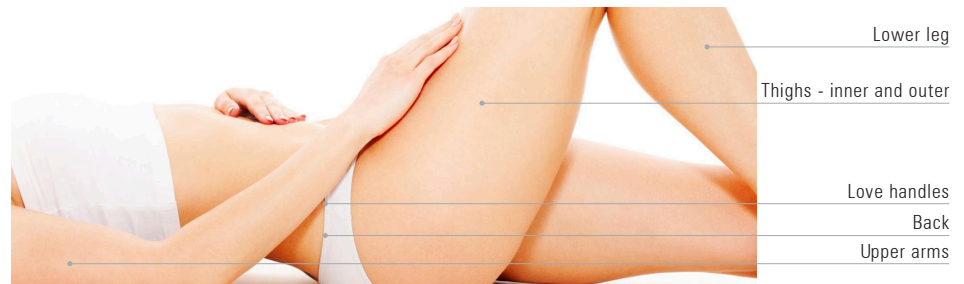
Theoretically, the technology integrated in SomaSonix can be applied to skin surfaces all over the body. However, the facial area is the most common treated part of the body and has the most cumulated experience. The most commonly requested treatment sites include the upper-face, mid-face, lower-face and the upper neck.



Face



Body



Before & After Treatment



1. What Is High Intensity Focused Ultrasound HIFU?

HIFU is a safe, non-surgical ultrasound treatment that counteracts the effects of time and gravity on your skin. The treatment uses the body's own regenerative response to gently and gradually lift skin on the eyebrow, under the chin and on the neck, and smooth lines and wrinkles on the décolletage.

2. Can SomaSonix Replace a Face Lift Procedure?

HIFU treats the deep foundational layer addressed in cosmetic surgery, but won't duplicate the results of a facelift. However it is a great alternative, especially for those not ready for surgery or for patients looking to extend the effects of cosmetic surgery.

3. How is HIFU SomaSonix Different to Laser Procedures?

HIFU uses sound energy, tried and true ultrasound, which has unique properties that allow it to bypass the surface of the skin to treat depths not matched by any other non-invasive cosmetic device. HIFU stimulates collagen production in the skin's foundation, resulting in a clinically significant lift of tissue over the following 2-3 months. Lasers rely on light energy, which cannot reach deeper skin layers at an optimal temperature, so laser treatments typically only treat superficial skin. Since the two technologies often treat different types of skin issues, they're actually very compatible.

4. How Does HIFU SomaSonix Stimulate Collagen Production?

During the treatment the transducer delivers and deposits focused ultrasound energy deep beneath the skin at the optimal temperature for collagen regeneration. The treatment jumpstarts a natural process, known as neocollagenesis, to produce fresh, new collagen. The treatment itself doesn't involve any creams, fillers or toxins, it just relies on your body's own collagen-building process for natural, noticeable results.

5. How Long Will a HIFU Treatment Take?

The length of the treatment will depend on the area being treated and your individual treatment plan. A face and neck procedure typically takes 60-90 minutes, while a chest treatment on its own takes approximately 30 minutes.

6. Will I Need to Take Time off Work?

With a single HIFU Therapy treatment there is no downtime. After your procedure, you can resume your normal activities immediately, without having to follow any special post-treatment measures. We have even had clients come to the clinic on their lunchbreak to have the treatment, no creams required and your general skin care plan and make-up can be applied as normal.

7. What Does HIFU Feel Like?

As the ultrasound energy is delivered, you will feel tiny amounts of energy being deposited to precise depths, indicating that the collagen-building process has been initiated. Comfort levels vary from person to person, but the sensation only lasts while the ultrasound energy is being delivered.

8. How Many HIFU Treatments Will I Need?

Most clients only need one treatment. However this may be based on the degree of skin laxity, the biological response to ultrasound energy and the individual's collagen-building process, some clients may benefit from additional treatments. Because skin continues to age, future touch-up treatments can help clients keep pace with the body's natural aging process.

9. Who is a Good Candidate for HIFU?

A good HIFU candidate has mild to moderate skin laxity where the skin begins to feel and look less firm. Examples include a lowered eyebrow line, loose skin on the neck, sagging under the chin, and lines or wrinkles on the chest. Of course, the best way to find out if you're a suitable candidate is to consult with a practitioner.

10. How Much Does HIFU Cost?

The cost of an HIFU treatment can range widely depending upon the size of the area being treated. Cost ranges from \$899 to \$1,350 for one area.

11. Is HIFU Safe?

The HIFU procedure has been used safely in over 250,000 treatments worldwide. Ultrasound energy itself has been used safely in the medical field for more than 50 years.

12. Are There Any Side Effects?

The skin might appear flushed at first, this can be during treatment but sometimes lasting longer, the redness should however disappear within a few hours. Some clients experience slight swelling, tingling or tenderness to the touch, but these are temporary in nature. Other, less common post-procedural effects may include temporary bruising or numbness on small areas of skin. As with any cosmetic procedure, there is the possibility of other rare effects, which your practitioner will review with you.

13. How Long Does it Take to See Results and How long do They Last?

After your HIFU Treatment, you may see some initial effect, but the ultimate results will take place over 2-3 months, as your body naturally regenerates collagen. Since the procedure stimulates your own collagen production, how long the results last really depends on you. The treatment produces new collagen on the inside, but your natural aging process will dictate how long that translates into visible results on the outside.

Standard Transducers



DL 3.0mm



DL 4.5mm



DL 13mm

Optional Transducers



DL 1.5mm



DL 6mm



DL 8mm



DL 10mm



DL 16mm

Parameters

Cartridge	Treated Area	Power	Pitch	Width	Length	Clearance	Cartridges Match	Shots Needed
1.5mm	Cheek	0.8-1.5J	1.0-2.0mm	8mm	12-16mm for foreheads 20mm for other areas	1.3mm	1.5mm	150-180 shots
	Area around eyes	0.3-0.6J						
	Forehead	0.3-0.9J						
3.0mm	Neck	0.5-1.0J	1.5-2.5mm	10mm	15-18mm for foreheads 25mm for other areas	1.5mm	Firstly use 4.5mm cartridge to do treatment breadthways then use 3.0mm for lengthways treatment on whole face	300-400 shots
	Chin	0.7-1.0J						
	Jaw	0.6-1.0J						
	Cheek	0.8-1.5J						
	Nasolabial folds	0.4-0.6J						
	Forehead	0.4-0.8J						
4.5mm	Neck	0.6-1.0J	1.5-2.5mm	10mm	15-18mm for foreheads 25mm for other areas	1.5mm	Firstly use 6.0/8.0mm for treatment, then use 4.5mm for treating again	400-600 shots
	Chin	0.8-1.2J						
	Jaw	0.6-1.0J						
	Cheek	0.8-1.5J						
	Nasolabial folds	0.4-0.8J						
	Forehead	0.5-0.8J						
6mm 8mm	Chest	0.6-1.5J	1.5-2.5mm	10mm	25mm	1.5mm	Firstly use 6.0/8.0mm for treatment, then use 4.5mm for treating again	400-600 shots
	Waist	0.6-1.0J						
	Arm	0.6-0.8J						
	Leg	0.6-1.0J						
10mm 13mm 16mm	Back	0.8-1.5J	1.2-2.0mm	10mm	25mm	1.0-1.5mm	10/13/16mm and 6/8mm. The cartridges chosen depends on the depth of a layer	400-600 shots