



## Facial Contouring with Fotona's V-SMOOTH HyperStack

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### Introduction:

The V-SMOOTH HyperStack mode utilizes sub-pulses within the Fotona SMOOTH® macro pulse to deliver rapid thermal stimulation or a thermal effect combined with cooling spray. This technique ensures safe and effective treatment, enhancing thermal penetration depth through energy stacking while protecting the epidermis.

With a SMOOTH mode at 625 ms and 6-spot stacking, energy penetrates to a depth of 600 µm, effectively improving superficial skin tightening and laxity. Additionally, it stimulates new collagen production, detectable at a depth of up to 1600 µm, and provides support for tightening of the SMAS fascial layer through ligament fixation and lifting.

Patient selection: Ideal candidates are patients who are not satisfied with their facial contours and are willing to undergo non-surgical facial contouring or facial reshaping. Patients are excluded who are pregnant or lactating, with a history of sun exposure (within 1 month), with scar constitution, with severe systemic diseases, with recent use of photosensitive drugs or a history of photosensitive disease, or with severe mental disorders.

Laser	SP Dynamis					
	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6
Wavelength	2940 nm	2940 nm	2940 nm	2940 nm	2940 nm	2940 nm
Handpiece	T-Runner (face)	T-Runner (face)	T-Runner (face)	T-Runner (face)	T-Runner (face)	T-Runner (face)
Fluence	11.2 J/cm <sup>2</sup>	12.6 J/cm <sup>2</sup>	11.2 J/cm <sup>2</sup>	13.5 J/cm <sup>2</sup>	12.6 J/cm <sup>2</sup>	16.5 J/cm <sup>2</sup>
Pulse Mode	V-Smooth	V-Smooth	V-Smooth	V-Smooth	V-Smooth	V-Smooth
Pulse duration	625 msec	625 msec	625 msec	625 msec	625 msec	625 msec
Regime	8 stacks (STP 163%)	9 stacks (STP 174%)	8 stacks (STP 163%)	9 stacks (STP 187%)	9 stacks (STP 174%)	11 stacks (STP 209%)
Cooling	Cold air (Zimmer level 2)	Cold air (Zimmer level 2)	Cold air (Zimmer level 2)	Cold air (Zimmer level 2)	Cold air (Zimmer level 2)	Cold air (Zimmer level 2)
Passes / Dose	5,000 J	10,000 J	5,000 J	12,000 J	5,000 J	4,000 - 5,000 J
Treated area	Frontal and supraorbital ligament area	Inside hairline, temporal region and zygomatic arch ligament area	Apple cheek area	Preauricular and postauricular ligament area	Anterior border of the masseter muscle and the area of the maxillary and mandibular ligaments	Apple cheek and the perioral mound area
Sessions	Single session					



*Dr. Gao Shengchuan, specializing in optoelectronic anti-aging treatment and facial contour shaping, with over 20 years of clinical anti-aging treatment experience, is a member of the Council of the Minimally Invasive Surgery and Skin Plastic and Cosmetic Branch of Chinese Association of Plastics and Aesthetics, practices at Tianjin BeauCare Clinics Third Medical Beauty Hospital and serves as its director. In his more than 20 years in the industry, his straightforward personality and rigorous work attitude have won the recognition and followership from a large number of beauty seekers, and he constantly explores and innovates treatment methods in laser anti-aging clinical treatment, and improves therapeutic effect, greatly optimizing the current Fotona's treatment protocol.*

## CLINICAL CASE:

### Step 1: Frontal and supraorbital ligament area

Use the V-SMOOTH mode at 625 ms, 8-stacking, STP 163, and 11.20 J/cm<sup>2</sup> to tighten and lift the frontal and supraorbital area, with a total area energy accumulation of approximately 5,000 J.

### Step 2: Inside hairline, temporal region and zygomatic arch ligament area

Use the V-SMOOTH mode at 625 ms, 9-stacking, STP 174, and 12.60 J/cm<sup>2</sup> to adjust the shape of the scanning area. Scan and irradiate three areas: inside the hairline, the temporal region and the zygomatic arch ligament area, with a total area energy accumulation of approximately 10,000J.

### Step 3: Apple cheek area

Use the V-SMOOTH mode at 625 ms, 8-stacking, STP 163, and 11.20 J/cm<sup>2</sup> with a total area energy accumulation of approximately 5,000J to scan and irradiate the apple cheek area for tightening and lifting of the dermal tissue.

### Step 4: Preauricular and postauricular ligament area

Use the V-SMOOTH mode at 625 ms, 9-stacking, STP 187, 13.5 J/cm<sup>2</sup> to scan and irradiate the preauricular and postauricular ligament area. When the skin temperature reaches 39 °C, the total area energy accumulation is approximately 12,000 J.

### Step 5: Anterior border of the masseter muscle and the area of the maxillary and mandibular ligaments

Use the V-SMOOTH mode at 625 ms, 9-stacking, STP 174, 12.6 J/cm<sup>2</sup> with a total area energy accumulation of approximately 5,000 J, to scan and irradiate along the adhesion of the mandibular ligament-masseter skin ligament-zygomatic arch ligament-lateral orbital thickening area-temporal ligament.

### Step 6: Individualized enhanced treatment

In this patient, the apple cheek and the perioral mound were enhanced

Use the V-SMOOTH mode at 625 ms, 11-stacking, STP 209, 16.5 J/cm<sup>2</sup> to scan the two areas, once for tightening of the apple cheek and once for lifting of the perioral area.

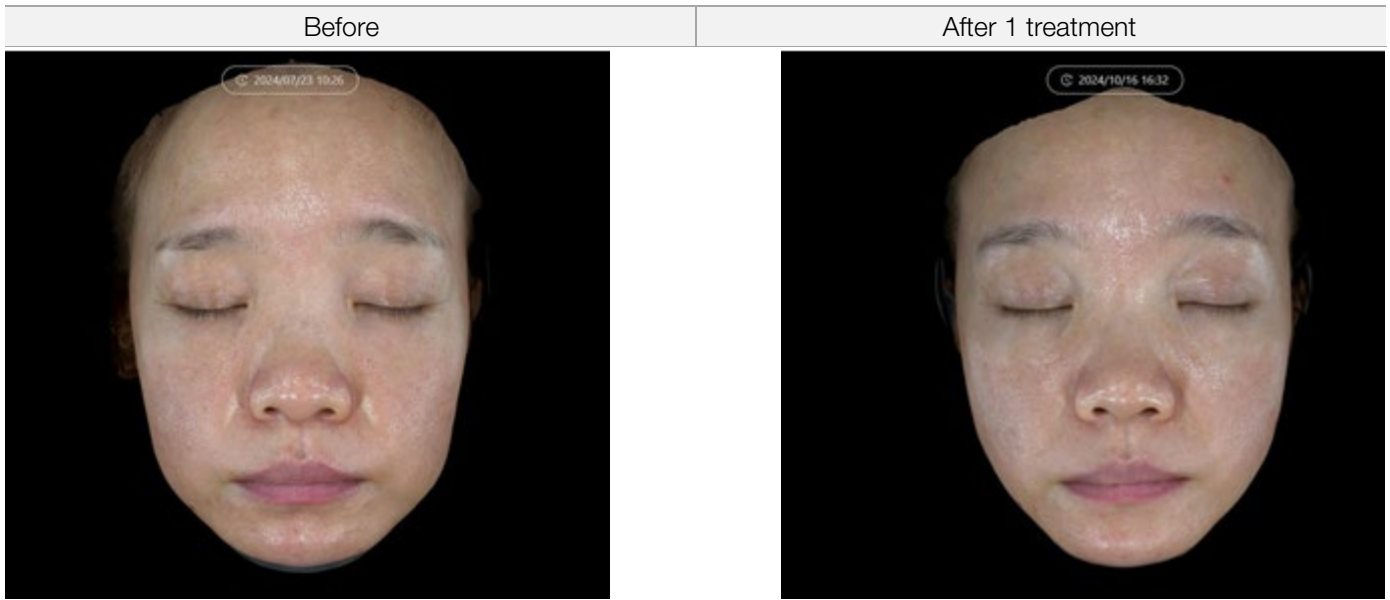
Contour adjustment and facial reshaping were effectively achieved in a single treatment, transforming the patient's face from a rectangular shape to an oval shape.

The patient was very satisfied with the results. The patient had a very comfortable treatment experience. The patient had no adverse reactions after the treatment.

While adjusting the contours and reshaping the face, a one-stop solution can be provided for a series of facial rejuvenation issues such as skin laxity, sagging, drooping, dull complexion, and rough skin texture.

Treatment Regimen - Course of treatment: A total of 1 treatment session, with follow-up 3 months after treatment.





Changes in deep and superficial blood vessels and pigmentation of the skin before and after 1 treatment



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