

Treat Your Patients Better

With Fractional Innovation



Introducing **tixel**[®]
For Skin Rejuvenation



By
NoVoxel[®]
Small Smart Systems

Improves:

- Wrinkles and fine lines
- Skin discoloration
- Sun damaged skin
- Skin tone and texture
- Age spots
- Acne Scars

Glabellar "Frown" Lines
Crow's Feet
(Peri-orbital Lines)

Bunny Lines

Nasal Labial Folds
(Smile Lines)

Lip Lines

Neck Folds

Forehead "worry" lines

Eyelid Lines

Acne Scars

Creased Chin

Why Tixel[®]? (Pure Natural Heat)

- Tixel is similar in effectiveness to fractional lasers.
- It is a cost effective, sterile, fractional device for controlled evaporation of tissue.
- Compared to laser, Tixel treatment is safe with:
 - Less charring and crusting
 - Less pain without anesthesia or cooling
 - Less downtime and post care
 - No irradiation, just **pure natural heat**

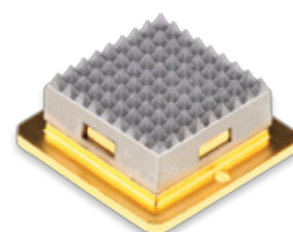
What is Tixel[®]?

Tixel is a novel thermal fractional skin rejuvenation system powered by Novoxel's patented technology.

Treatment is fast (15-30 minutes).

Tixel is lightweight, portable, and highly versatile.

Tixel can treat delicate skin, including peri-orbital, eye lids, neck, décolleté and back of the hands safely with very low pain.

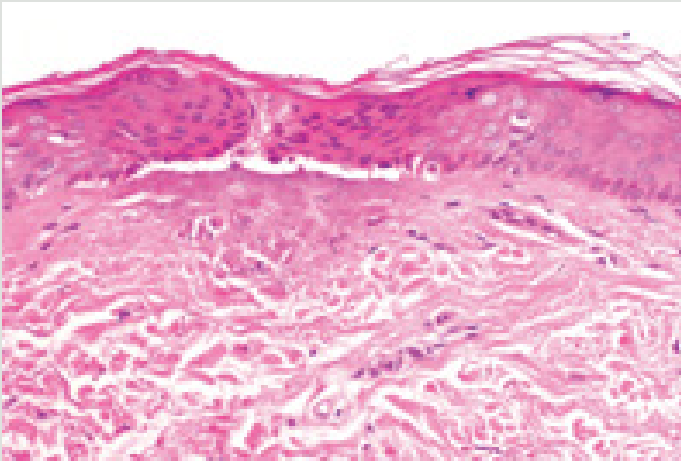


Tixel Treatment Versatility-Fractional Ablative, Non-Ablative, Open Channel

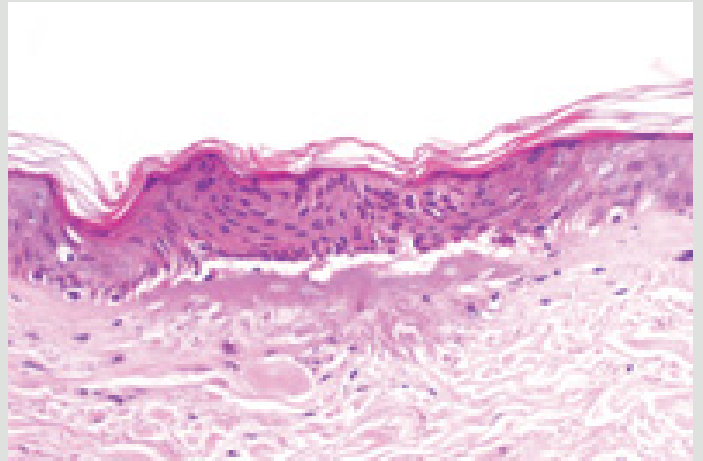
The extent of thermal damage is closely related to pulse duration.

Exposure time

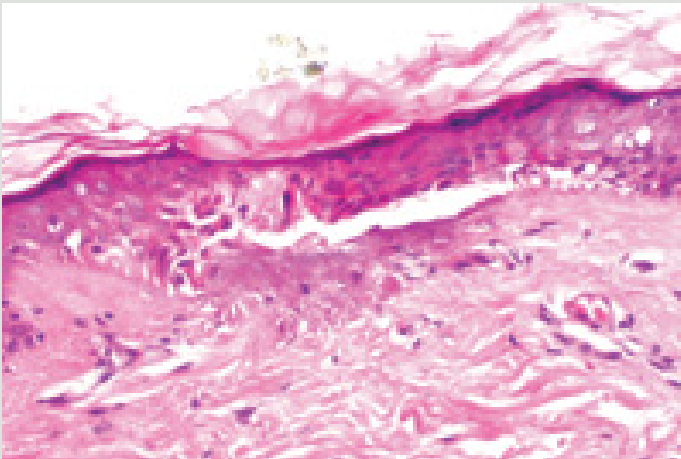
6ms



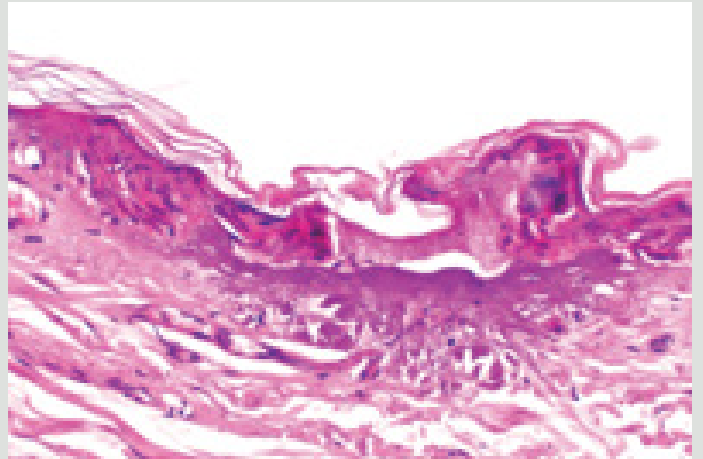
8ms



10ms



12ms



In vivo histology, male 63, skin type IV, left upper arm, X20



Healing 1 day after

Rapid clearance of erythema; very fine, nearly invisible crusting

6ms



8ms



10ms

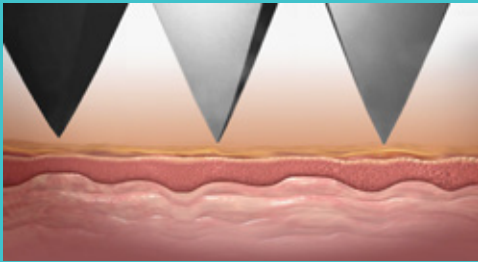


12ms

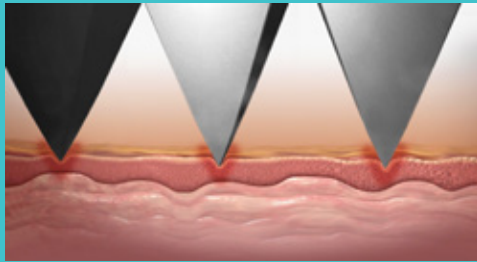


Tixel® Mode of Action

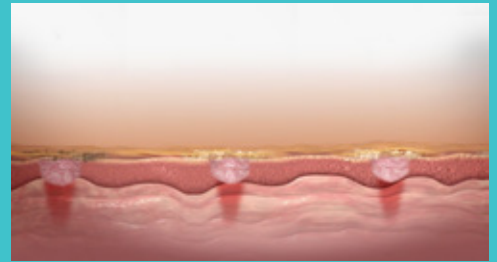
1. Before Contact



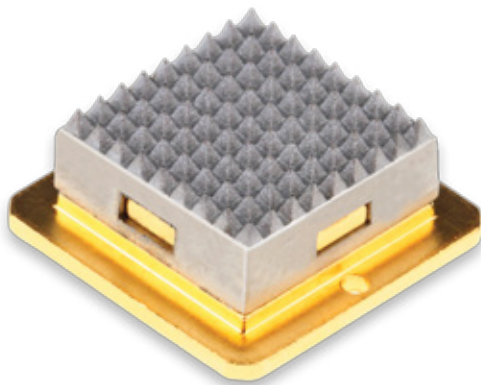
2. Brief Contact



3. Pores After Contact



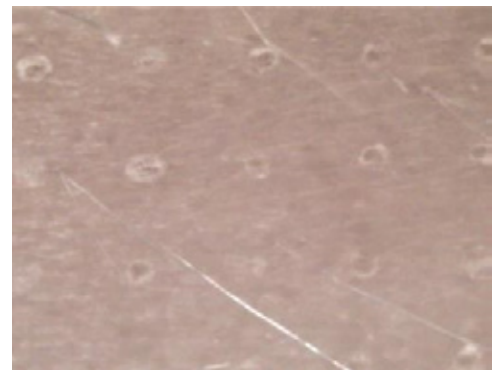
Tixel employs a **bio-compatible heated (400°C) Tip** (1 cm² area) containing an array of 81 pyramids.



Non-Ablative

Upon brief contact with the skin, thermal energy is transferred to the upper skin layers, creating micron sized pores.

The extent of energy transfer is determined by the **tip's skin exposure time** and the **tip's thermal conductivity**. Therefore, various clinical effects will be obtained due to these properties.

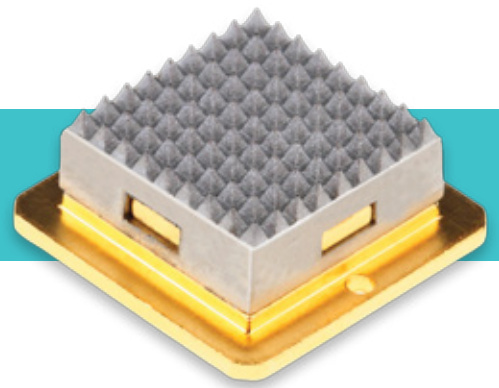


Ablative

Tip surface is made of titanium



Tip Properties



- Durable (no disposables)
- Always sterile
- Always clean (non-stick surface)
- Brush cleaning in situ within seconds

Technical Specifications

Energy Type	Natural heat, w/o radiation or radio waves
Tip Material	Titanium surface
Tip Coverage Area	1 cm ²
System Weight	5 kg
Handpiece Weight	330 grams
System Dimensions	L 48 x W 41 x H 48 (cm)
Operating Voltage	100-240 VAC 10% ± 2.5A 50/60Hz
Operating Power	up to 300 W
Working Temperature	400° C (-15°C/+5°C)
Pulse Duration	5-18 milliseconds (±1 millisecond)
*Double pulse is enabled between 8 to 12 ms	(possible durations: 5,6,8,10,12,14,16,18)
Pulse Protrusion	100-1000 µm, intervals of 100 µm
Micropore Dimensions	from 100 x 100 µm to 300 x 300 µm (W x D)

Specifications Subject to Change



Clinical Experiences

Single Treatment, 10ms, Single pulse, One Pass



Before



10 Weeks After



Tixel[®] is Safe To Use With Darker Skin Tones

Acne Scars

Two Treatments, 12ms, Single Pulse, Two Passes



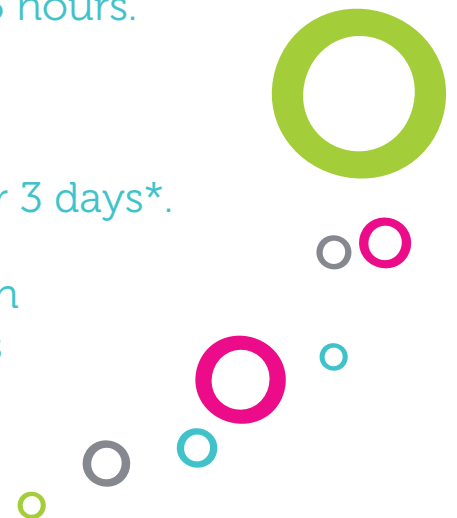
Before



30 Days After 2nd Treatment

- Spacing treatment sessions - 1 month apart
Treatment Program: 3-5 sessions
- After treatment skin is swollen and red for 3 to 4 hours and patients feel a burning sensation for 2 to 3 hours.
- Patient experiences **no downtime**.
- Crusting appears the next day, disappears after 3 days*.
- Improvement is visible after 1 to 2 months with smoother healthier skin and reduction in scars

* Avoid visible crusting by moisturizing skin



Two Treatments, 12 ms, Single Pulse, One Pass



Before



30 Days After



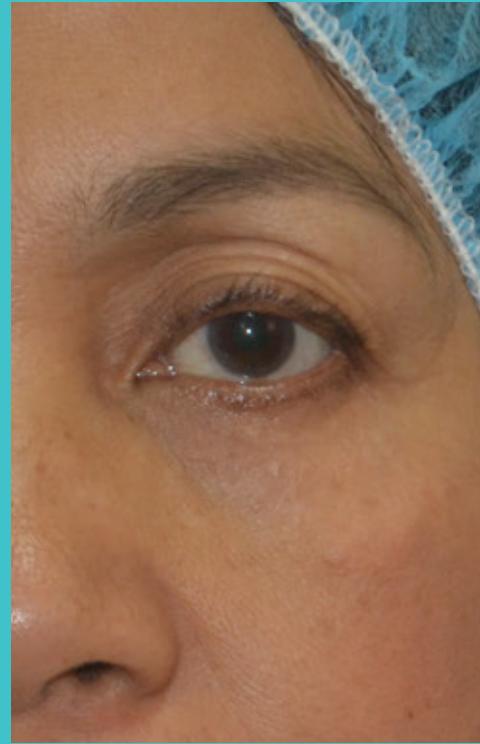
Treat the peri-orbital area and eye lids safely with Tixel®

Skin Tone & Texture

Peri-orbital, Eye lids, Forehead, 8ms



Before



After 30 Days, 1 Treatment

- Spacing treatment sessions - 2 months apart
Treatment Program: 6 sessions over 12 months
- After treatment skin is swollen and red for 2 to 3 hours and patients feel a burning sensation for 2 to 3 hours.
- Patient experiences **no downtime**.
- Crusting appears the next day, disappears after 3 days.
- Improvement is visible after 1st month, 1st session
 - Improvement in skin texture, younger look
 - Better definition of eye lids
 - Patient expressed satisfaction



Patient Testimonials

"My Tixel treatment was without pain or discomfort, no nasty peeling and I was able to work the following day wearing make-up."



"The Tixel treatment was short only about 15 minutes for my hands, face and décolleté."



"There were no anesthetics required, I experienced only tiny harmless tingling."



"My skin is much more prettier and delicate after treatment with Tixel."



Treat Your Patients Better With

Better for Clinic

- Excellent clinical results
- Enhanced client experience
- Faster treatment time
- Easy to operate
- Treat darker skin tones

Better R.O.I

- Lower Cost
- Low operating costs & consumables
- Small, easy to use & portable
- Treat more patients

Clinician Feedback

Dr. Eric Bernstein, Pennsylvania, USA

"I'm extremely excited about the new Tixel technology. The histology shows that this device provides unique responses leading to a new and different clinical response. The technology itself lends itself to an extremely broad range of possible treatment conditions. From non-ablative fractionated rejuvenation all the way to CO₂-like, ablative responses. I have not seen such range from a single device, and am extremely excited to explore the possibilities."

Dr. Amy Patdu, Manila, Philippines

"I can treat very close to eyes, eye lids, also above the eye balls. My patients experience low pain even without topical anesthesia. Treatments are quick and have no side effects. I see improvement in my patients after 2 months and 2 sessions. I see improvement in skin texture, a younger look, better definition of eye lids, improvement in lines and texture of the neck. I usually see wrinkle reduction after 3 months of treatment."

Dr. Rasya Dixit, Bangalore, India

"I find that my acne scar patients experience no down time and low pain even without topical anesthesia and see no bleeding like other fractional devices. My patients experience quick healing with no side effects. Acne scars are smoother and are less visible after 1-2 months. Overall my patients have smoother healthier skin."

Better for Patient

- Less pain
- Less charring & crusting
- Less downtime & post care
- Faster treatment time
- Safer

Better Patient Experience, More Repeat Visits & Word of Mouth

Increased Business, More Profitability & Excellent R.O.I



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