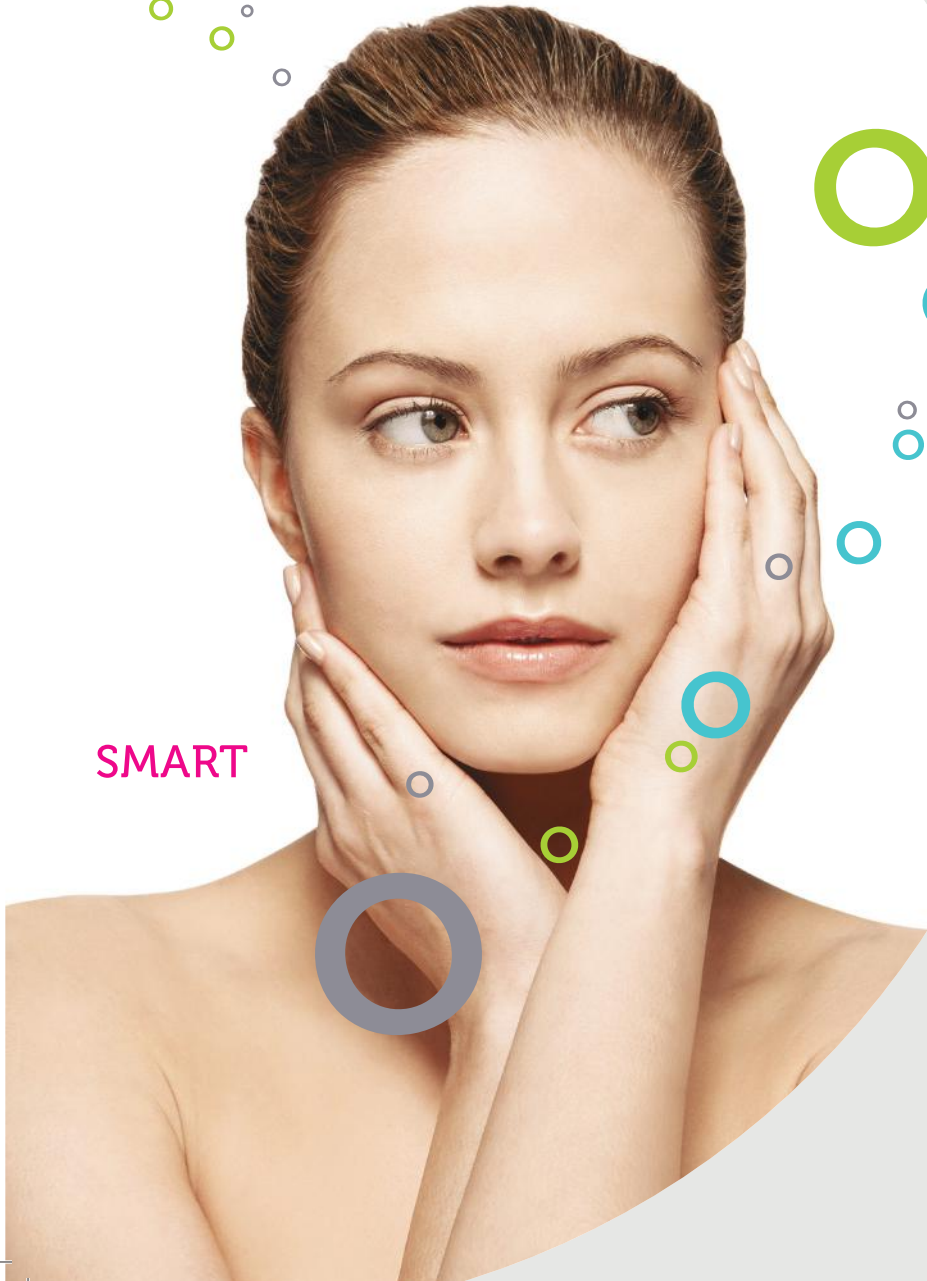


EFFECTIVE

SMART



tixel[®]

ADVANCED TECHNOLOGY FOR
FRACTIONAL SKIN
REJUVENATION



tixel²



tixel

What is Tixel® ?

- A novel non-ablative & ablative fractional skin rejuvenation system powered by Novoxel's patented titanium Tip technology.
- Tixel treats delicate facial skin, including periorbital, eyelids, the neck and décolleté safely and quickly with low pain and 0-3 days downtime.
- Tixel employs direct heat and is radiation-free.

Our Benefits



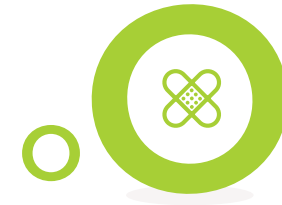
MULTIPLE TREATMENTS

Skin rejuvenation, crow's feet, open pores, acne, stretch marks ...



MULTIPLE AREAS

Face, neck, décolleté, hands, arms & body



LOW PAIN

Analgesic creams are not required



STERILE TITANIUM TIP

The Tip is biocompatible and sterile during treatment



SMALL

Small, light, easy to carry



RADIATION FREE

Tixel employs direct heat

Forehead
"worry" lines

Glabellar
"frown" lines

Eyelid lines

Lip lines

Creased chin



Crow's feet
(Periorbital lines)

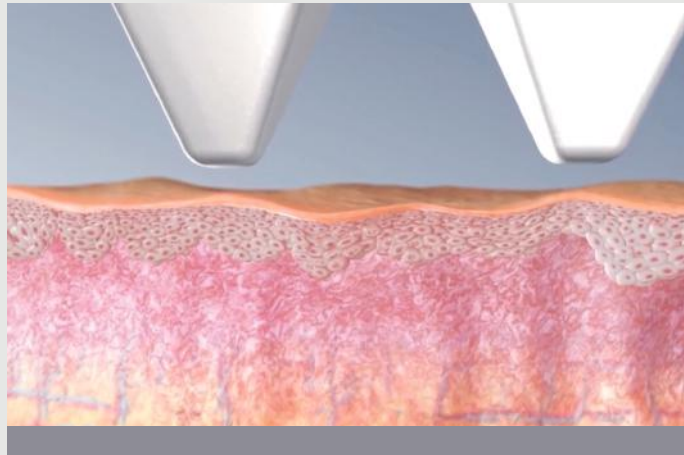
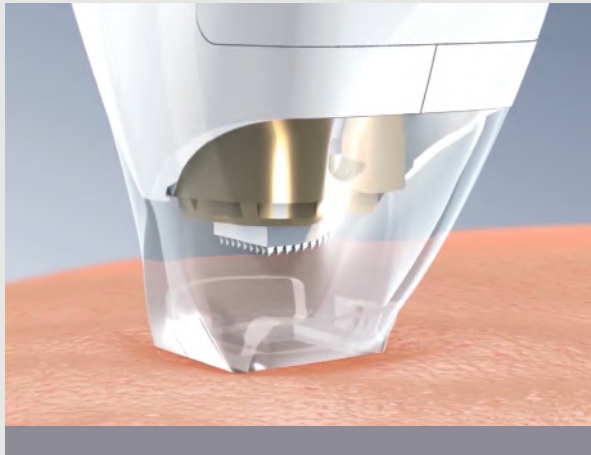
Bunny lines

Nasal labial folds
(Smile lines)

Neck folds



Patented – Scientifically Validated – Confirmed by Results



Thermal energy is transferred to the skin by a hot titanium Tip, which contacts the skin briefly. There is no bleeding.

The extent of energy transfer is determined by the Tip's exposure time with the skin. Heat transfer is by contact. The Tip does not perforate the tissue.

Titanium Tip Properties

- Durable
- Sterile
- Clean
- Precise motion



Periorbital Handpiece



Facial Handpiece

Histopathology

Pulse Duration in ms

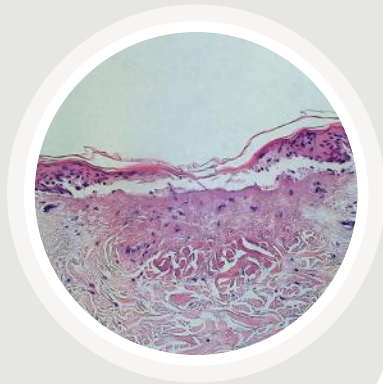
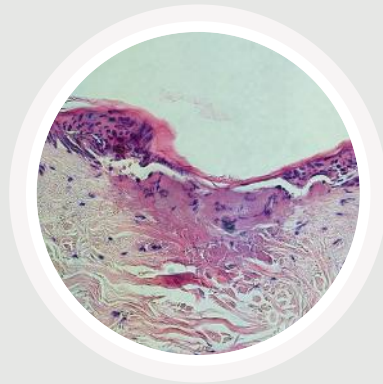
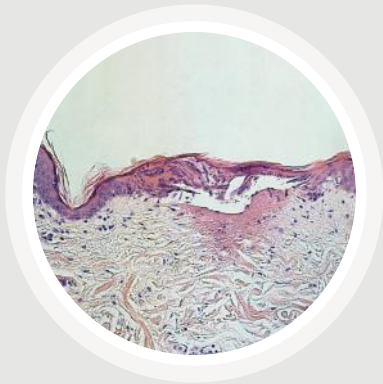
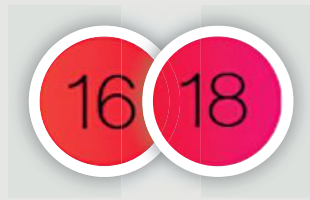
Short



Medium

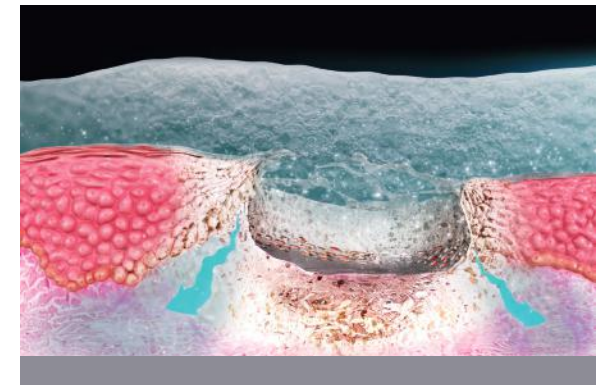


Long



Treatment intensity is precisely controlled by Tip-tissue contact time (or pulse duration). The longer the pulse duration, the greater the amount of energy transferred to the tissue.

Publication Highlights



Based on data from the literature Tixel may assist in treatments where drug is applied topically on Tixel treated skin.

Refer to the following references:

- Lasers in Surgery and Medicine (Aug. 2019)
Shavit et al: A New Method for Percutaneous Drug Delivery by Thermo-Mechanical Fractional Injury
- Lasers in Surgery and Medicine (Oct. 2018)
Friedman et al: The Toxic Edge—A novel treatment for Refractory Erythema and Flushing of Rosacea
- International Journal of Pharmaceutics 511 (2016)
821–830 Sintov et al: A Novel Thermo-Mechanical System for Enhanced Transdermal Delivery of Hydrophilic Active Agents by Fractional Ablation

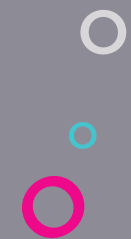
Treatment Options

- Actinic keratosis*
- Wrinkles and fine lines
- Skin discoloration
- Sun damaged skin
- Skin tone and texture
- Tightening of the upper eyelids
- Age spots
- Stretch marks / Striae

*certified medical indication

Treatments

- Spacing treatment sessions – 1 month apart
- Treatment Program: 3 - 4 sessions
- After treatment skin is slightly swollen and red for 3 to 4 hours
- Patients experience mild erythema and heat sensation for 2 to 3 hours
- Downtime from 0 to 3 days depending on treatment intensity
- Micro crusting appears the next day, disappears after about 3 days
 - Improvement in skin texture, younger look, wrinkle reduction
 - Better definition of eyelids
 - High patient satisfaction, all skin types



01

Acne Scars

- Female, 23
- Follow-up 1 year after 5 Tixel Treatments
- No downtime
- Without topical anesthesia

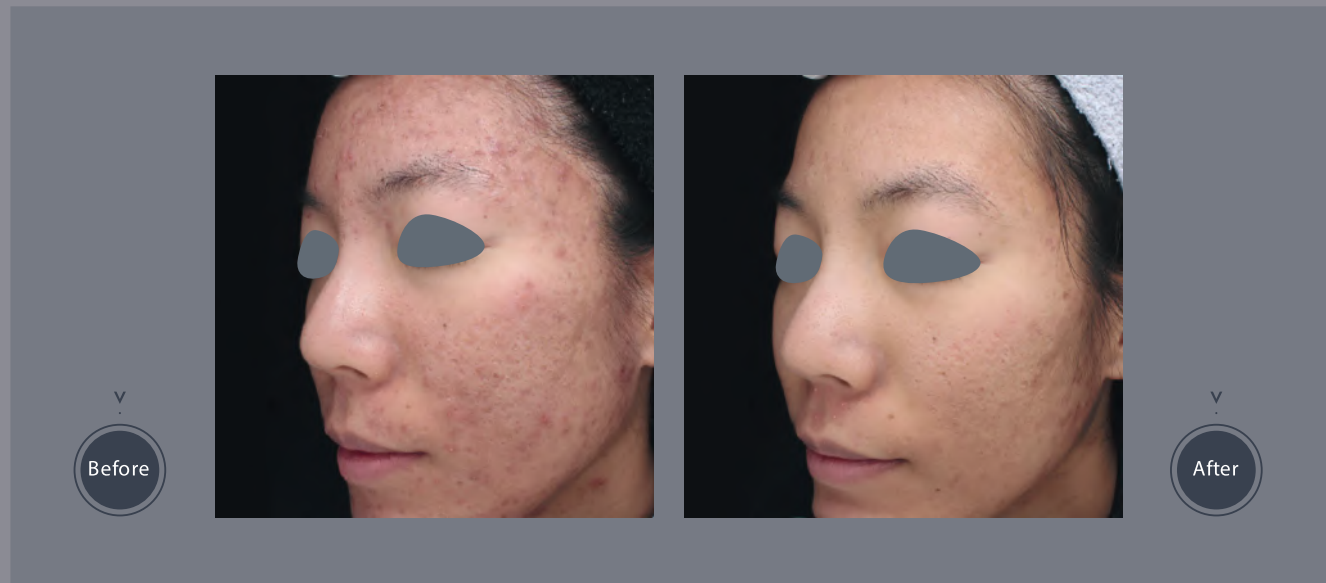
Images courtesy of Adina Margaritescu, MD, Bucharest, Romania



02

Acne

- Female, 22
- Follow-up 30 days after 4 Tixel Treatments
- No downtime
- Without topical anesthesia



03

Eye Lid Lifting

- Female, 50
- Follow-up 1 month after 4 Tixel Treatments
- No downtime
- Without topical anesthesia

Images courtesy of Xavier Martens, MD, Euroclinix Hasselt, Belgium



04

Facial Treatment

- Female, 66
- Follow-up 7 months after 4 Tixel Treatments
- 1 day downtime
- Without topical anesthesia

Images courtesy of Xavier Martens, MD, Euroclinix Hasselt, Belgium



05

Facial Treatment

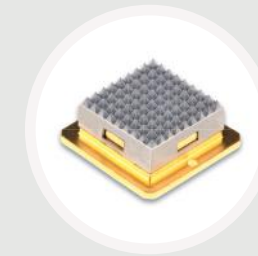
- Female, 57
- Follow-up 1 year after 4 Tixel Treatments
- 1 day downtime
- Without topical anesthesia



Images courtesy of Xavier Martens, MD, Euroclinix Hasselt, Belgium

Technical Specifications

		
Energy Type:	Direct Heating	Direct Heating
Titanium Tip:	Yes	Yes
Tip Coverage Area:	1 cm ² (facial Tip); 0,3 cm ² (periorbital Tip)	
System Weight (w/o HP):	6 kg	4,5 kg
Handpiece Weight:	330 grams	330 grams
Console Dimensions:	L 26 x W 44 x H 30 (cm)	L 26 x W 29 x H 24 (cm)
Handpieces:	2 parallel	1 at a time
Settings:	5 - 18 ms, 100 - 1000 μm	5 - 16 ms, 200 - 800 μm



Better for Clinic

- Excellent results
- Safe
- Simple and fast
- Small
- Delegable

Better for Patient

- Low pain
- No charring
- Short downtime
- Treat all skin types



Your Notes



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