

Jet Peel – New Dimensions of your skin



TavTech Company

TavTech Ltd. founded with the mission of developing innovative technologies and devices based on a gentle-hydro-oxygen supersonic flow technology.

TavTech's JetPeel platform technology is unique delivery technology that change the way people can be treated.



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The Challenge

Meeting the needs of a wide variety of patients wishes to improve their skin appearance with:

- Minimum risk
- No downtime
- and most important – **no pain** related.

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JetPeel – The magic of technology

Advanced, **painless** supersonic cleansing,
exfoliation and solution delivery machine



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The Jet Peel

Multi-Function Skin Rejuvenation System

- Lymphatic drainage
- 3D peeling - Multi-dimensional exfoliation
- Deep cleansing
- Oxygen therapy
- Delivery of supplementation

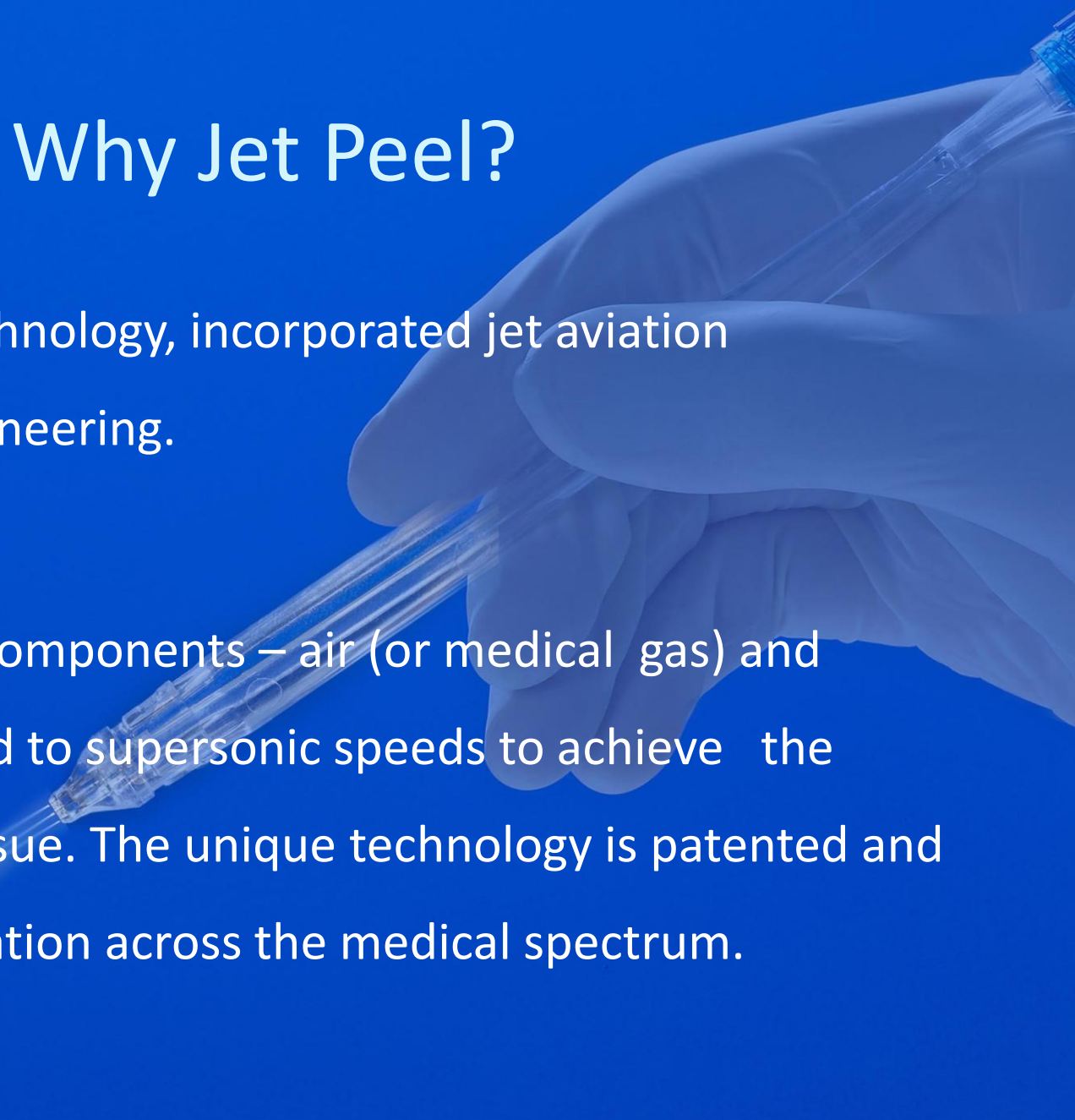


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Why Jet Peel?

State of the art technology, incorporated jet aviation principles and engineering.

Uses only natural components – air (or medical gas) and water – accelerated to supersonic speeds to achieve the desired effect on tissue. The unique technology is patented and has a broad application across the medical spectrum.



What is Jet Peel?

An innovative, personalized, treatment program, based on the most advanced technologies:

Simultaneously introduces active nutrients, oxygen, and a physiological stream into the skin, using pressure and **air**.



Jet Peel - Basic principles

Pressurized gas is used to accelerate a liquid agent (saline).

Water droplets accelerated to supersonic velocities (200 m/s)

The mixture of liquid and gas is emitted through a special nozzle unit.

The high velocity jet exfoliates the superficial layers of the skin

Supersonic Jet Technology

A hand in a white glove holds a clear, cylindrical supersonic jet handpiece. A fine, white spray of micro-droplets is being emitted from the nozzle at the bottom of the device. The background is a solid blue color.

- Supersonic two-phase jet directed onto the skin with specialized handpieces and nozzles.
- Jet Spray consists of micro droplets of saline or supplements and gas (air, oxygen or CO₂).
- High velocity spray induces skin rejuvenation through exfoliation and supplementation.

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Supersonic Jet Technology

Kinetic energy exfoliates based upon handpiece angle, distance, speed and number of passes over the skin

Removes microscopic particles that are usually inaccessible: between cells, in epidermal cracks, in sweat secretions and in the depression of hair follicle

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Supersonic Jet Technology

Supplements are penetrated through pressurized zones, which stretch skin widening micro-canals inherent in the skin layers and creating new ones

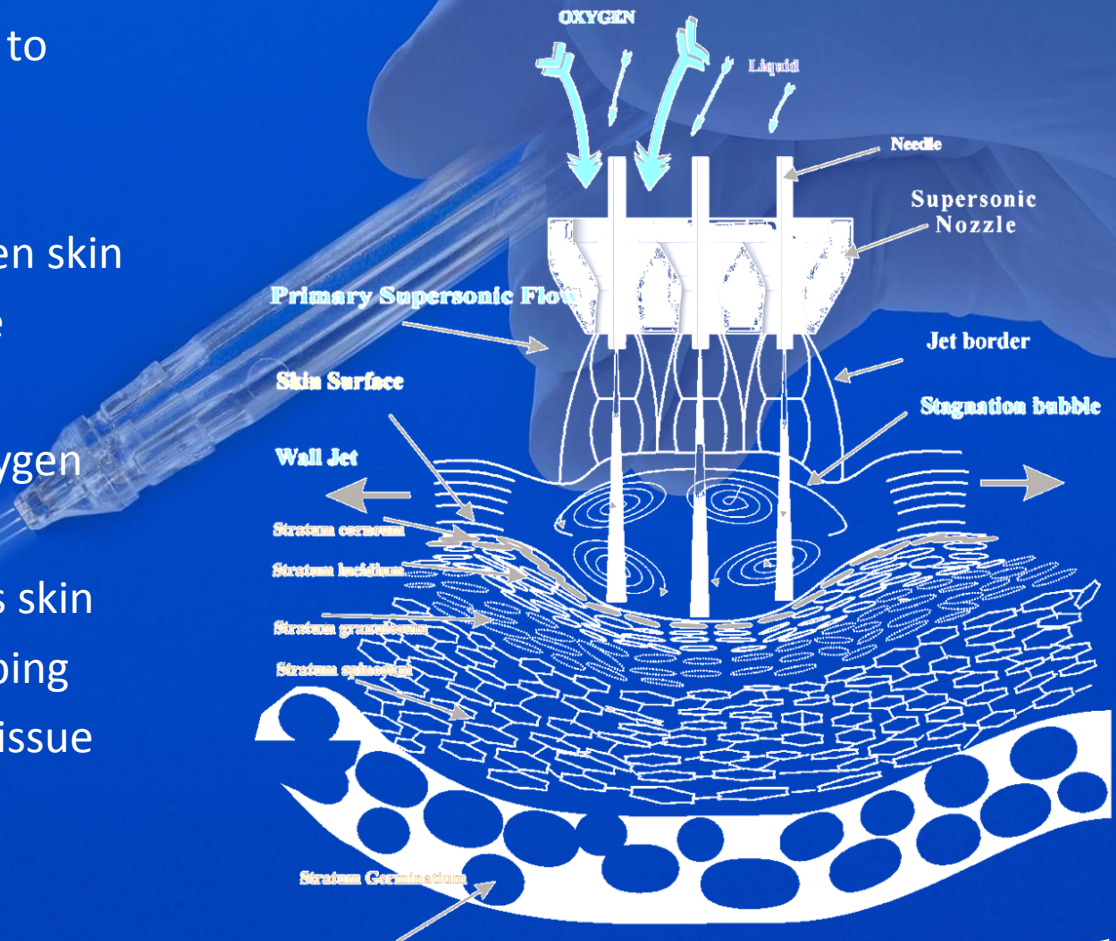
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Supersonic Jet Technology

Opening of micro-canals:

- Provides uninhibited access to inner skin compartments for increased actives absorption
- Pressure differences between skin surface and underlying tissue allow deeper penetration of biological ingredients and oxygen or CO₂ (barophoresis)
- Release of pressure restores skin and closes micro-canals trapping supplementation inside the tissue



Patient cases

65 year old woman Crow's feet

Before

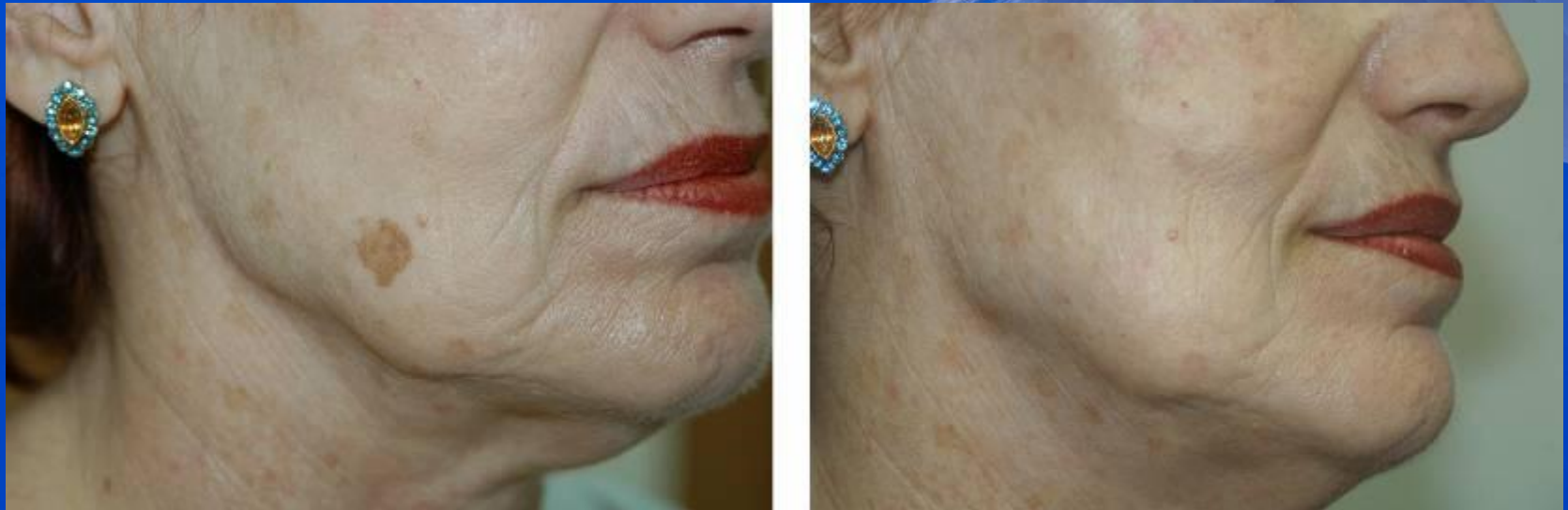


After one treatment



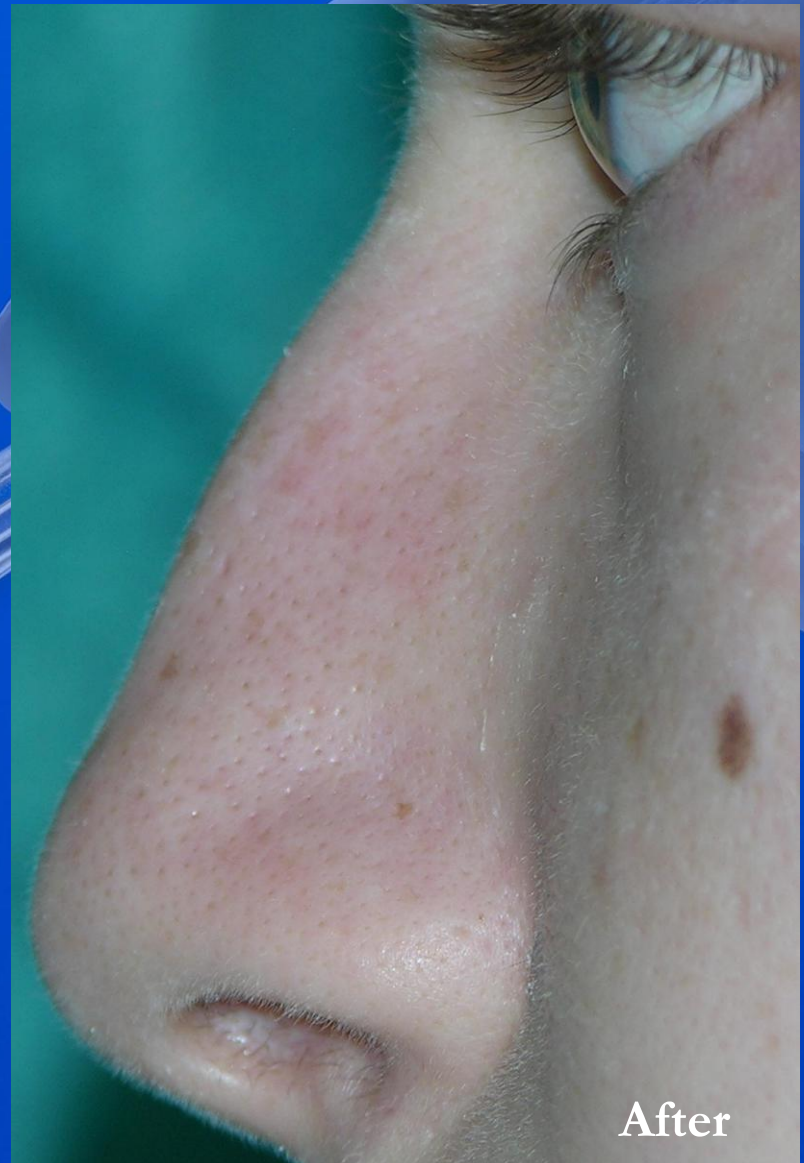
Patient cases

Solar keratosis



Patient cases

Comedones Treatment



Patient cases

Post-Acne Scars Treatment



Before



After

Patient cases

Post-acne Scars Treatment



Before



Immediately



1 Month After

Patient cases

Scar Treatment



Before



After



Patient cases

Scar Treatment



Before



After

3-Dimensional Volumetric Chemical Peeling (10% Glycolic Acid)



Before



4 months
After



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3-Dimensional Volumetric Chemical Peeling (10% Glycolic Acid)



Before

10 months After

JetPeel's key features

- New, unique, patented technology
- Natural, Safe and Painless
- Immediate fabulous results





New Dimensions in Aesthetics



Oren Gan

TavTech Ltd.