



JETPEEL  
by TavTech

# JetPeel Technology

The Unique Jet Pressure Energy Device for  
Cosmetic and Aesthetic Enhancement

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# Webinar Topics

- Skin Penetration
- The JetPeel By TavTech Pressure Energy System
- What is Pressure Energy?
- The Unique Pressure Energy
- The Power of the Jet Stream
- What Makes JetPeel Special
- The Aesthetic Treatment Gap and How JetPeel Fills It
- JetPeel Applications

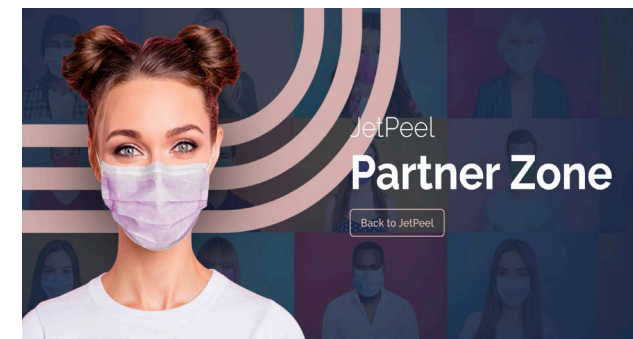


## Next Webinar



**This Webinar will be available**

[www.jetpeel.com](http://www.jetpeel.com)





# Skin Penetration

To optimize skin penetration for aesthetic and medical purposes, different penetration techniques may be used:

- **Passive Skin Penetration:** such as **chemical enhancers** which modify the Stratum Corneum – the outer layer of the skin
- **Active Skin Penetration:** such as Laser, RF and other **energy-based ablation** methods which destroy tissue
- **Mechanical or Kinetic Skin Penetration** such as **needles**, and such as **Jet technologies**



# The JetPeel Pressure Energy System

By TavTech

- Unique **Jet Pressure Energy Device**
- Used in the **medical aesthetic industry** for **skin enhancement**
- JetPeel works with a **high velocity jet (720 km/hr; 450 miles/hr)**
- With JetPeel you are able to perform **rejuvenation treatments** starting with a **lymphatic massage** (to remove waste and toxins) followed by **exfoliation** and completed with **trans-epidermal infusion**
- JetPeel is **painless, needle-free, non-invasive, non-ablative, and non-contact**
- JetPeel treatments are **zero downtime**, with **immediate and visible results**, and **suited to all skin types, all year round**





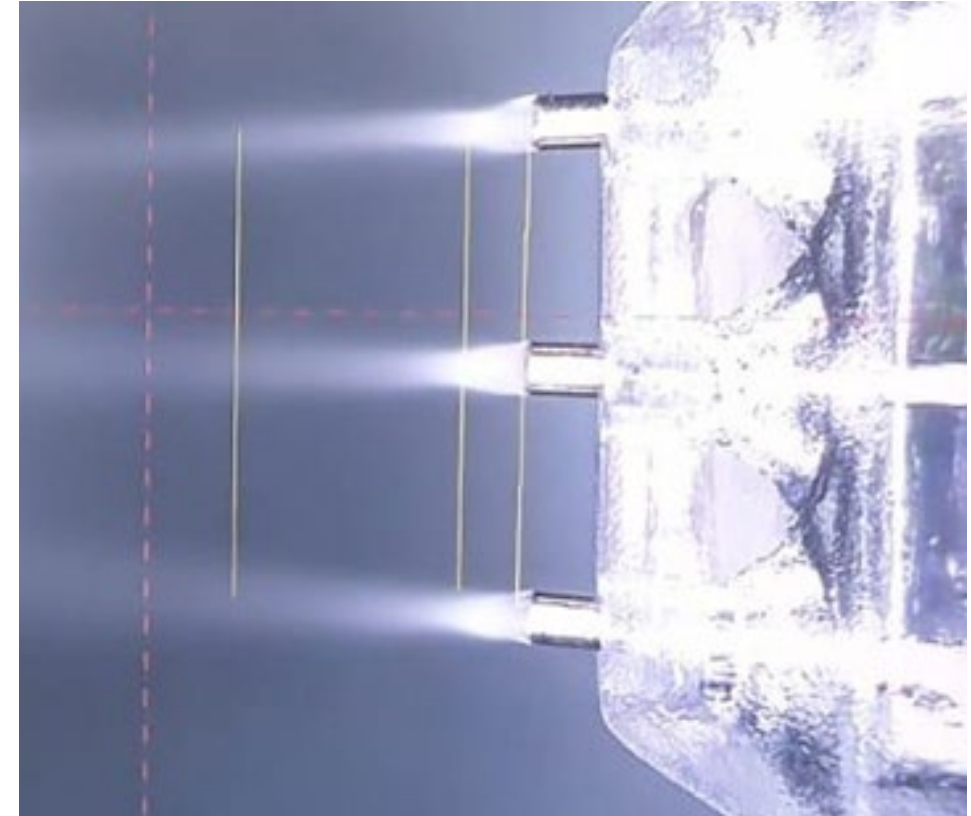
# What is Pressure Energy?

## Pressure:

May be defined as a force on or against an object – in our specific case, the skin

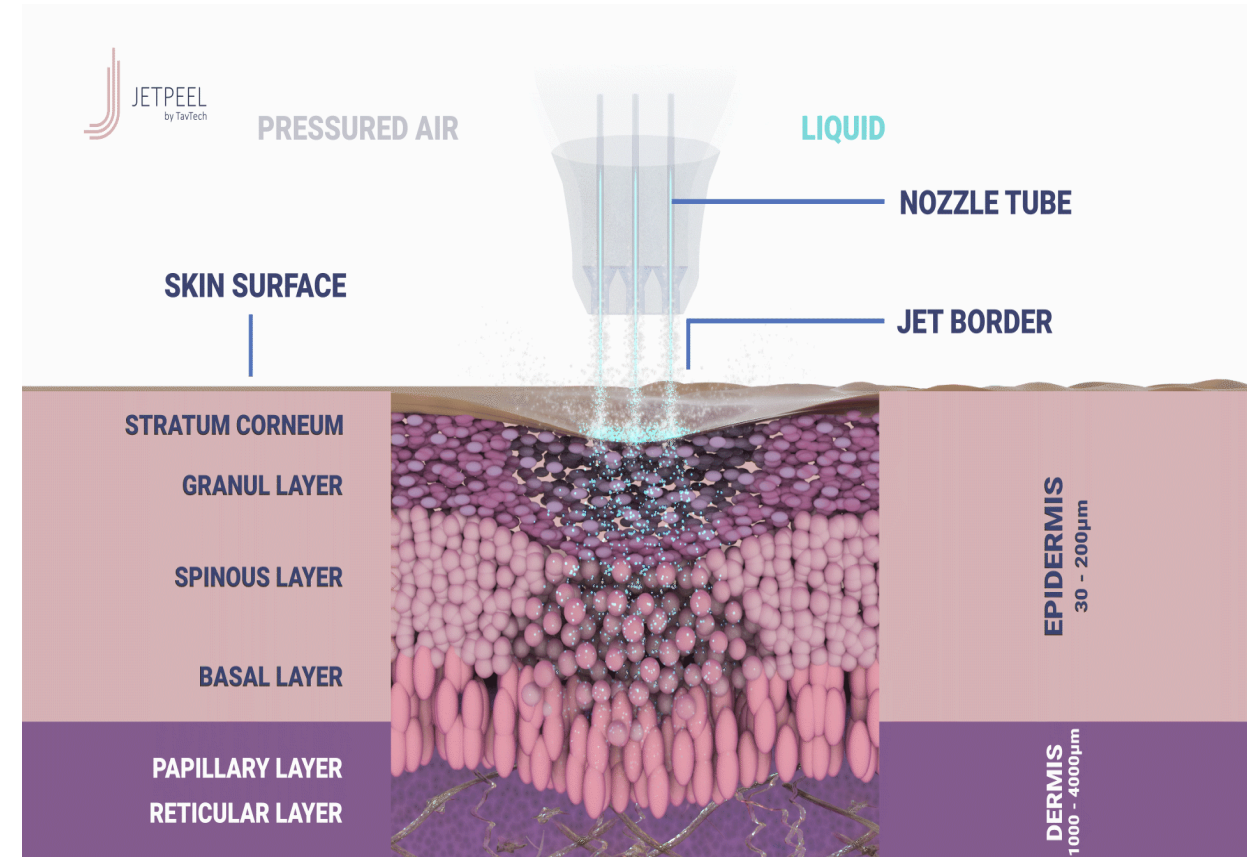
## Energy:

May be defined as the ability to cause change



# The Unique Pressure Energy by TavTech

- **TavTech** invented and developed the **iconic original JetPeel** some **two decades ago**.
- JetPeel's unique and patented technology is based on **aviation technology** adapted to medical and aesthetics uses
- JetPeel uses a high velocity **jet stream** of **micro-droplets** comprising a blend of **pressurized air** (6.5 bar) and **liquid solution** projected onto the skin at a speed of about 720 km/hour via its **patented handpiece**
- The pressure on the skin generated from this jet stream in combination with the blended micro-droplets allows for **Stratum Corneum exfoliation** and the **infusion** of active ingredients in the **dermis** without needles

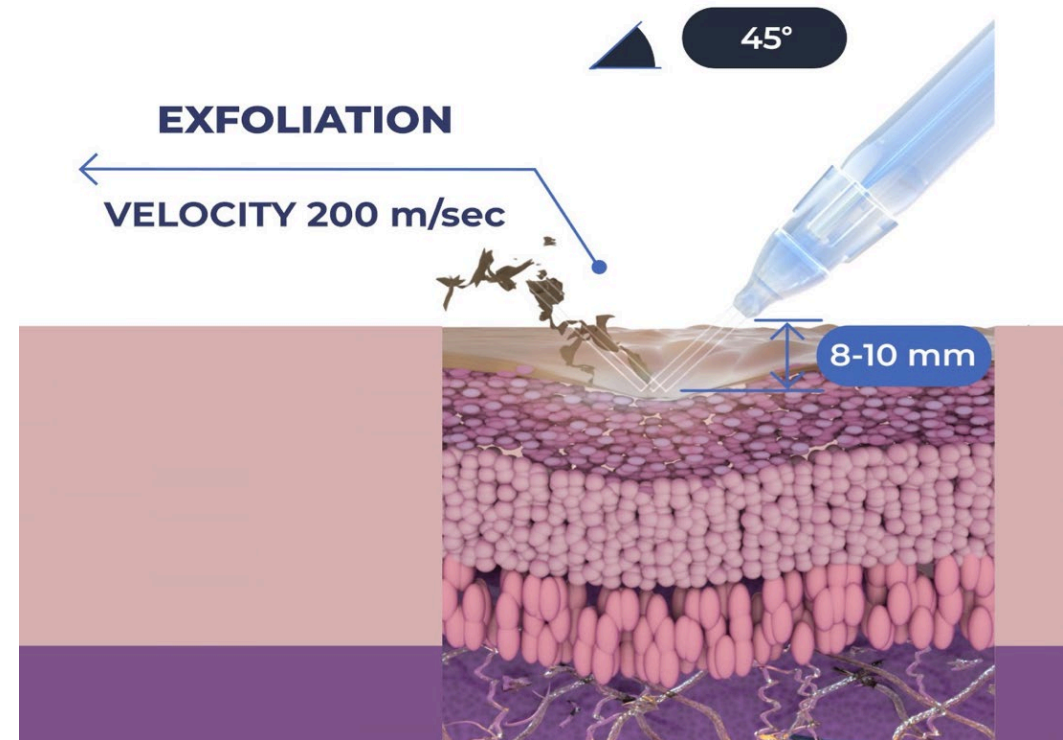


# The Power Of Jet Stream For Exfoliation

JetPeel treatments are recommended to begin with a gentle **Lymphatic Massage**.

Following this is the **Exfoliation** stage:

In this stage the **Stratum Corneum** is removed thanks to the **high velocity jet** (720 km/hr; 450 miles/hr) by using a JetPeel **approved liquid peeling solution** and a JetPeel **patented handpiece** being held at **45 degrees** to the skin.

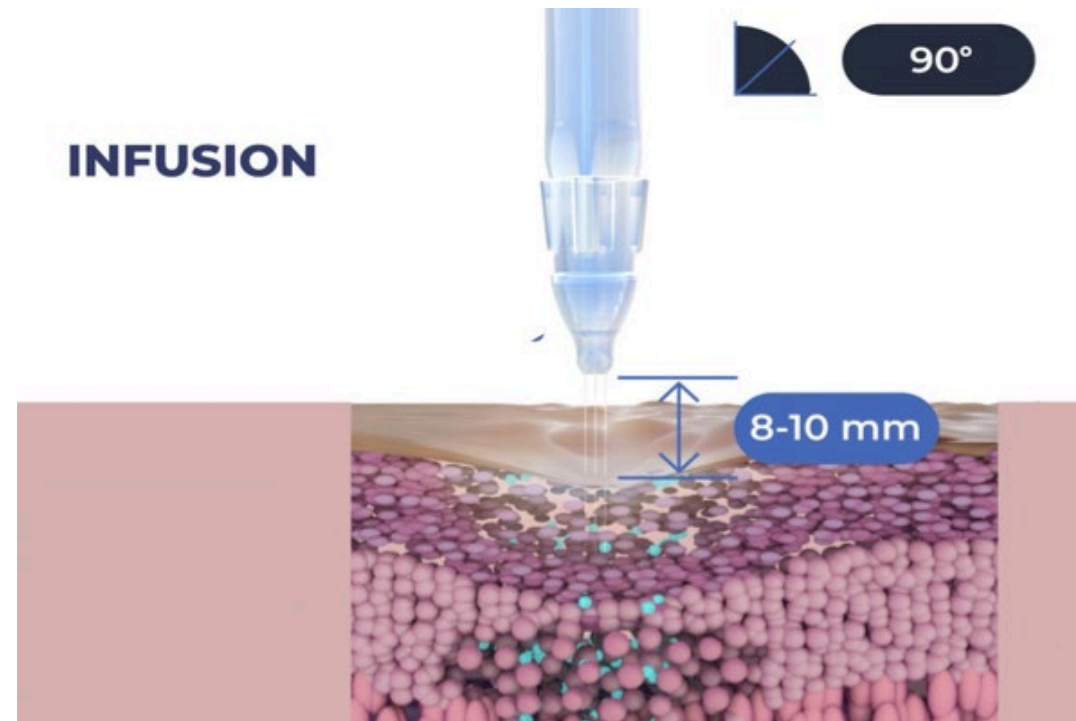


# The Power Of Jet Stream For Infusion

The Exfoliation stage makes the skin more receptive to **Infusion**:

In the **Infusion** stage JetPeel **approved liquid solutions** and **nutrients** are again projected into the skin using the same **patented handpiece**, but at **90 degrees** to the skin.

The **jet stream pressure** creates **controlled cavitation** on the skin that **opens micro-channels** for effective infusion.





# What Makes JetPeel Special?

- **Pressure energy** allows for a **controlled pressure massage**, in effect, a **lymphatic massage**
- This **improves micro-circulation**, thereby **improving skin tone** and **cell regeneration** due to **increased blood flow**
- The **jet stream pressure** creates **controlled cavitation on the skin** that **opens micro-channels** for **effective infusion**
- **Pressure energy differentials** will **close the micro-channels** previously created and **maintain the infused material in the tissue**



# JetPeel Active Skin Penetration

- **JetPeel by TavTech** allows for **active** skin penetration, but is **non-invasive, non-ablative** (so it does not destroy tissue) and **non-contact**

## Infusion with JetPeel

- **Stimulates the function of fibroblasts** (collagen cells) for **improved skin tone** and **wrinkle reduction**
- **Stimulates microcirculation** for **reduced water retention**, **improved cell nourishment** and **detoxification**



# JetPeel - the modern way to

- Exfoliate
- Tighten
- Brighten
- Infuse Skin Supplements without Needles
- Stimulate Collagen & Elastin Fibers
- Eliminate Blemishes
- Smooth Skin Imperfections





# Huge Worldwide Growth in Demand for Medical Aesthetics Treatments

## Why?

- **Aging population**
- **Social pressure to maintain youthful** and beautiful appearance
- Increasing **spending capacity**
- Increasing awareness of the **safety, non ablative, painless, needles-free** types of energy-based treatment options
- Treatment options that are suited to **all skin types** and suited to **all year-round**
- Increasing demand for aesthetic **treatments** among the **male population**



# The Aesthetics Skin Care Treatment Spectrum

**Alteration / Correction**



**Enhancement**

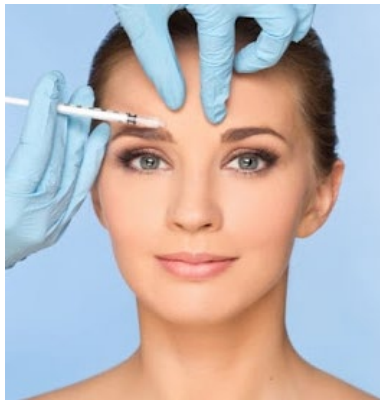
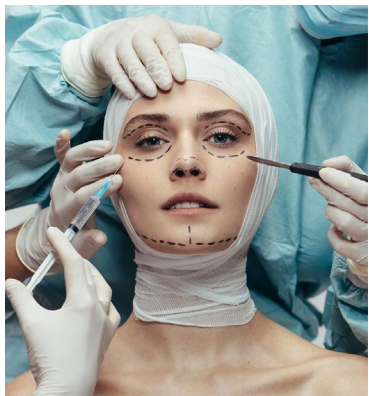


**Topical Care**

Invasive, painful,  
long recovery-  
time and very  
expensive such as  
Plastic Surgery

Less invasive than plastic surgery BUT sometimes still  
painful, downtime, damaged scars tissue, expensive

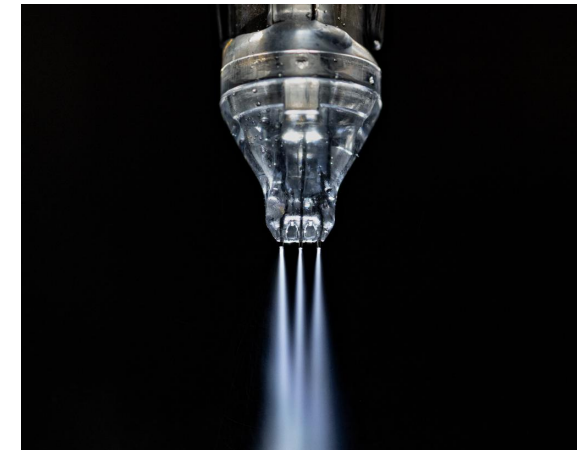
Affordable and accessible,  
BUT at best usually  
maintenance only, not  
significantly contributing  
to real sustainable  
improvement.



**Filling the Gap**

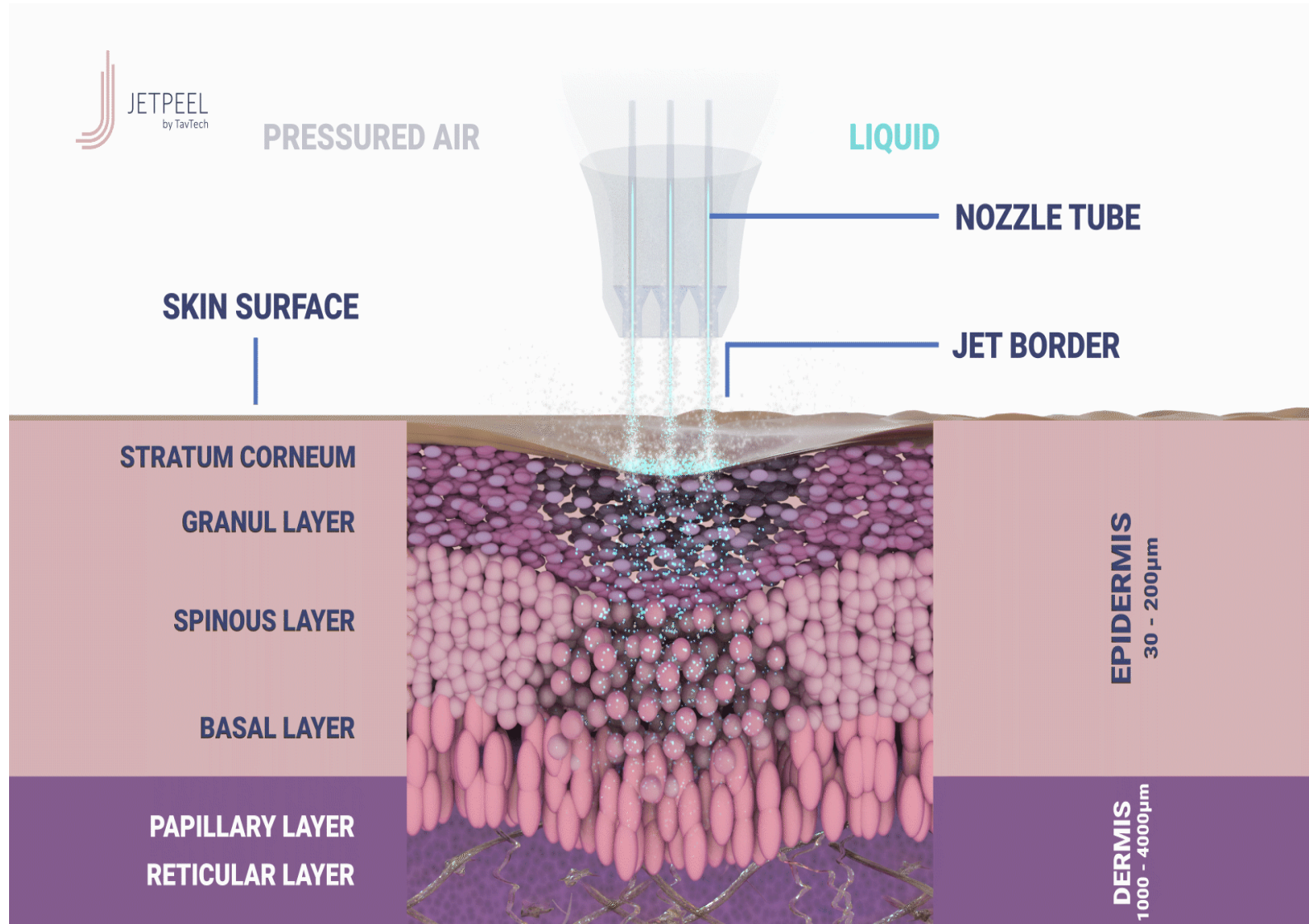
# The Aesthetic Market offers Different Energy Based Skin Enhancement Devices

- LASER (Light Amplification by Simulated Emission of **Radiation**)
- RF (Radio Frequency)
- UV (Ultra-Violet)
- IR (Infra-Red)
- Sound waves
- Vacuum
- Electromagnetic
- Light-based (eg. IPL – Intense Pulse Light)
- Mechanic or kinetic energy-based (such as micro-needling)
- And there is the **non-invasive** and **non-ablative**, **needle-free, jet Pressure energy** for **Skin Enhancement**





# JetPeel: Filling The Aesthetics Treatment Gap



# JetPeel: Genuine Non-Invasive & Non-Ablative Skin Enhancement



- **JetPeel was introduced** to the market for **skin enhancement**. Although used for a wide **variety of indications** and **body areas**, it is **best known** for **anti-aging** and **skin rejuvenation**, and its **pleasurable treatments with zero downtime** and **immediate, visible results**
- **JetPeel Treatments are different from invasive and ablative skin correction and skin alteration treatments** which are often painful and require long recovery periods as well as being higher-cost.

# JetPeel Applications



- Skin cleansing/oxygenation and detoxifying
- Improve micro-circulation and the lymphatic system
- Anti-aging treatment
- Wrinkle treatment
- Skin smoothing
- Skin tightening
- Skin rejuvenation
- Hyperpigmentation treatment
- Age spots
- Dark/brown spots
- Large pores
- Acne and impure skin
- Eye bags
- Scar refinement
- Stretch marks
- Whitening
- Hair loss
- Sensitive and Couperose skin





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Thank You

