

3-wave Tech Hair Removal & New GlideLifting

3-wave Tech *glideLifting*

TRIDI

Diode Laser



Diode Laser

3-Wave Tech *glideLifting*

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2025-01-15

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Diode Laser

3-Wave Tech *glideLifting*

Laser Hair Removal



2025-01-15

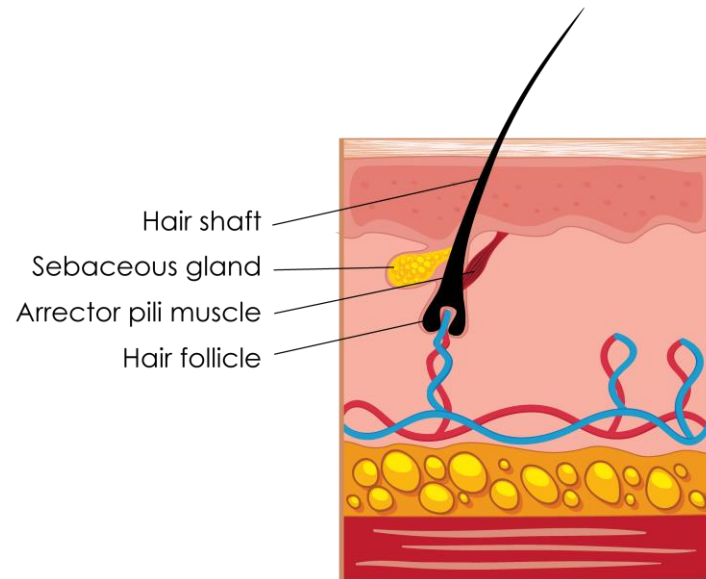
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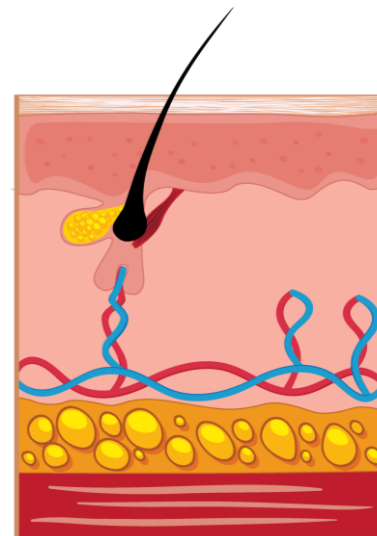
Hair Growth Cycle

Diode laser for hair removal



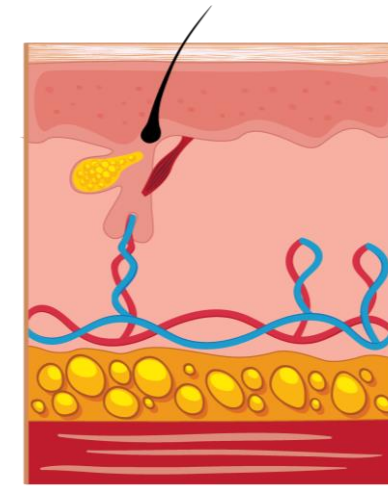
Anagen Phase
(Growth Phase)

The hair follicle is actively dividing and producing new hair cells, resulting in the growth of hair.



Catagen Phase
(Transitional Phase)

The hair follicle detaches from the blood supply and undergoes a regression process.



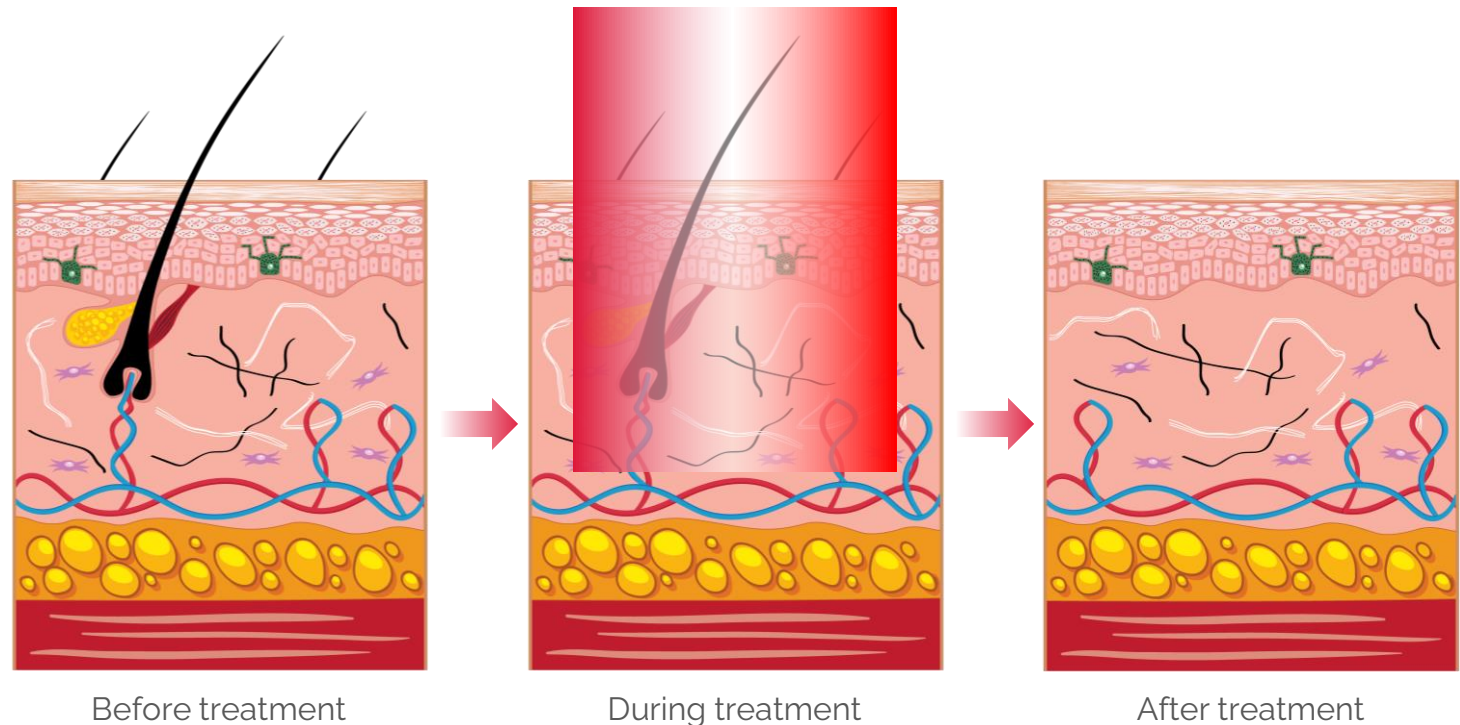
Telogen Phase
(Resting Phase)

The hair follicle remains dormant and no longer grows. Eventually, the old hair is shed, and the hair follicle re-enters the anagen phase to begin a new cycle of growth.

Laser Hair Removal

Laser hair removal treatment

Laser hair removal is widely considered the most effective option for achieving permanent or long-lasting hair reduction. This treatment uses lasers with wavelengths that have efficient absorption rates to melanin. The most commonly used wavelengths for laser hair removal are 755 nm, 808 nm, and 1064 nm.



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Product Highlights

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Product Introduction

What is TRIDI?

TRIDI is an advanced diode laser designed to effectively remove all types of hair. It operates with either a single wavelength of 808 nm or a multi-wavelength combination (755 nm, 808 nm, 1064 nm) called "3-wave Tech." This 3-wave Tech provides an ideal blend of wavelengths to address various hair colors and depths, as well as diverse skin colors.

Beyond hair removal, TRIDI has expanded indications with the addition of the "GlideLifting" mode, which enables treatments for brightening, tightening, and contouring (BTC).

TRIDI also offers three spot sizes—12x24, 12x12, and Ø 6 mm—along with an advanced contact cooling system to ensure a painless experience for the patient.



Advantages

3-wave Tech

808 nm alone,
3-wave Technology
(755, 808, 1064 nm)

+

GlideHR

Comfortable fast-moving
technique for hair removal

+

GlideLifting

New indications (BTC):
brightening, tightening,
contouring

High Power

3,500 W @ 808 nm,
2,500 W @ 3-wave

Spot Sizes

Max. 2.8 cm²
(12x24 , 12x12, Ø 6 mm)

Others

3 pulses types
(long, short, combi),
cooling design

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3-wave Tech

The safest and most effective hair removal laser

The diode laser is considered the safest and most effective hair removal laser.

Additionally, it is known for its long-term durability and stable energy output.

With short treatment times and no need for consumables, it provides a convenient and efficient solution for hair removal.



3-wave Tech

Simultaneous 3 wavelengths: 755 nm, 808 nm, 1064 nm

755 nm, 808 nm, and 1064 nm are considered the safest and most effective wavelengths for hair removal. With 3-wave Technology, these three wavelengths are delivered simultaneously, targeting different tissue depths and specific structures within the hair follicle for optimal results.



- High melanin absorption
- Ideal for fine and light-colored hair

- Moderate melanin absorption
- Penetrates deeply, targeting the hair bulge
- Offers the best balance of efficacy and safety

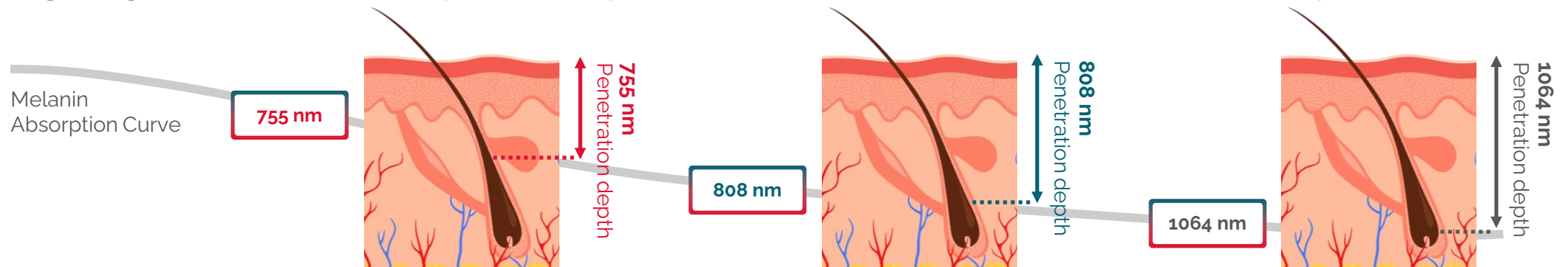
- Low melanin absorption
- Reaches the deepest, targeting the hair bulb
- Especially suited for darker skin

3-wave Tech

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GlideHR

Comfortable fast-moving technique for hair removal

GlideHR is a treatment that utilizes a fast-gliding technique, allowing the handpiece to smoothly cover larger areas in less time while providing a comfortable experience for the patient. This approach reduces treatment duration and improves patient compliance with the treatment schedule.



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GlideLifting

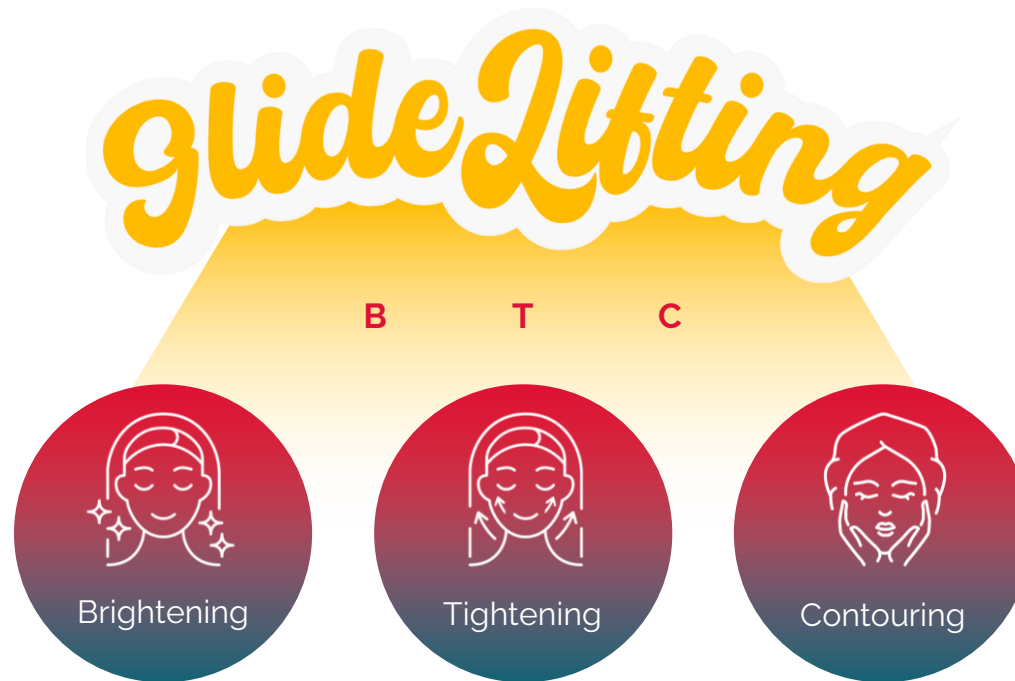
New indications (BTC): brightening, tightening, contouring

TRIDI introduces a new expanded indication beyond hair removal. With GlideLifting mode activated, physicians can perform the two-step GlideLifting treatment, which includes:

- **1) Focused Mode:** Physicians apply a stamping technique for more intensive treatment on areas with pronounced sagging.
- **2) Gliding Mode:** Physicians use a gliding technique to treat the overall area for comprehensive coverage.

GlideLifting

New indications (BTC): brightening, tightening, contouring



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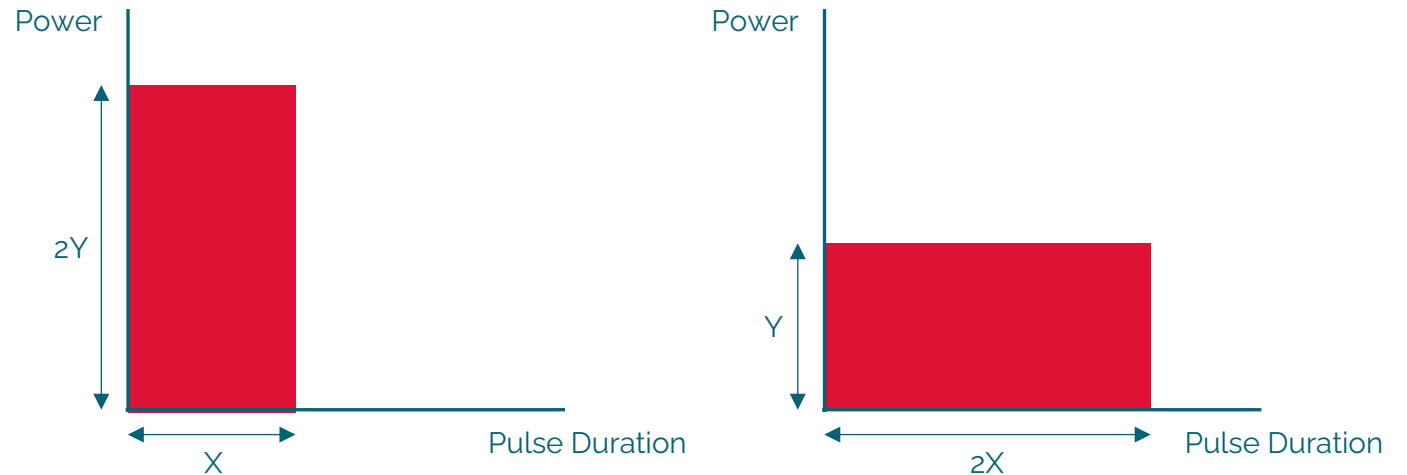
High Power

Max. 3,500 W @ 808 nm / Max. 2,500 W @ 3-wave

If the fluence level is consistent between two devices, the only method to achieve higher power is by reducing the pulse duration.

The TRIDI boasts a shorter pulse duration compared to other devices, resulting in higher power output. This not only ensures more impactful clinical outcomes but also reduces discomfort during treatment.

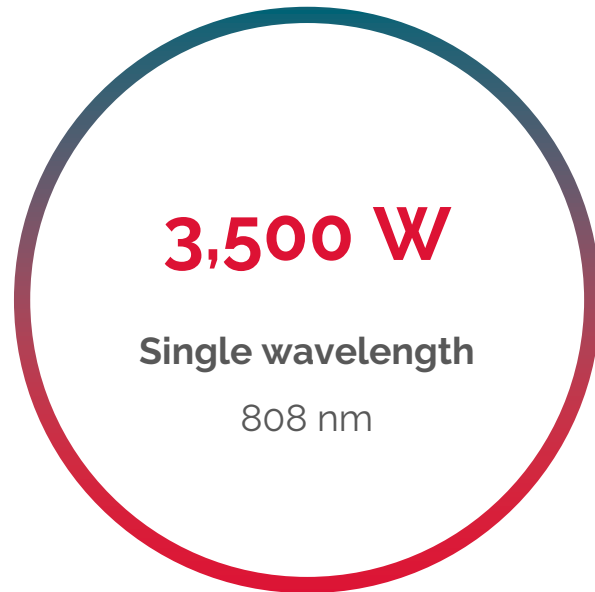
$$\text{Fluence (J/cm}^2\text{)} = \frac{\text{Power (W)} \times \text{Pulse Duration (sec)}}{\text{Area (cm}^2\text{)}}$$



High Power

3,500 W @ 808 nm & 2,500 W @ 3-wave

TRIDI offers two wavelength compositions, each delivering maximum power to enhance clinical outcomes while minimizing patient discomfort during treatment.



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(755, 808, 1064 nm)

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Spot Sizes

Max. 2.8 cm² - 12x24 , 12x12, Ø 6 mm

TRIDI provides three spot size options: two square spots (12x24 mm, 12x12 mm) and one circular spot (Ø 6 mm). These options improve treatment speed for larger areas while enhancing precision for narrower treatment areas.



Square (12x24 mm)



Square (12x12 mm)



Circular (Ø 6 mm)

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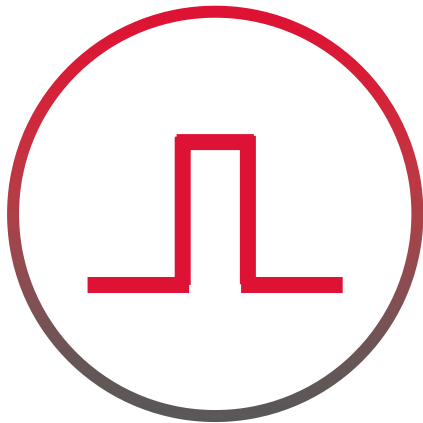
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3 Pulse Type

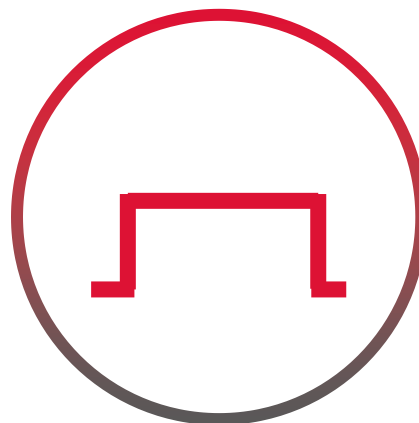
Long, short, combi

TRIDI has various pulse modes - short, long, and combi pulses - offering versatility to ensure optimal clinical outcomes per treatment session.

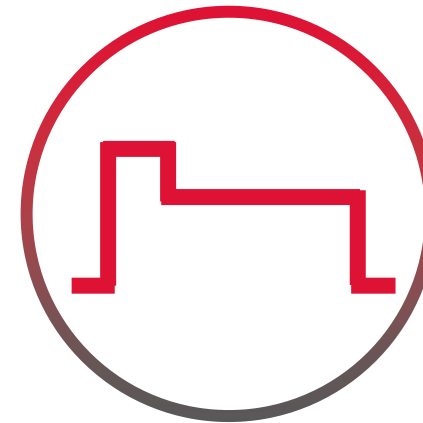
Moreover, the maximum repetition rate reaches up to 20 Hz, allowing for the accumulation of sufficient energy in the hair follicle without causing pain.



Short



Long



Combi

Cooling Design

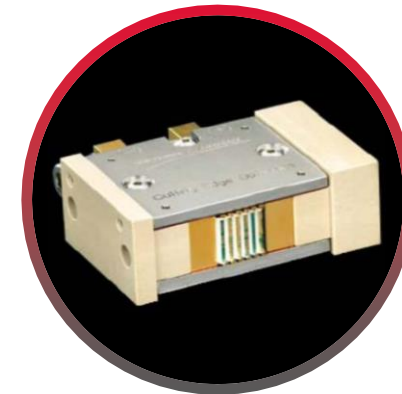
Microchannels inside laser diode & contact cooling in handpiece

When heat builds up in a laser diode, it can lead to unstable output energy, resulting in inefficient clinical outcomes or potential side effects such as skin burns.

Additionally, prolonged exposure to high temperatures can damage the laser diode, necessitating costly replacements.

The TRIDI features an exceptional cooling design that effectively dissipates heat. This design incorporates cooling water flowing through numerous microchannels circulating inside the laser diode during continuous laser shots, maintaining the operating temperature between 10 and 30 degrees Celsius.

Aside from the cooling inside the laser diode, the contact cooling design also protects the skin surface during treatment.



Diode Laser

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Testimonial

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Specification

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Specification

Technical Specification

Laser Type	Diode laser
Wavelength	808 nm alone / 3-wave (755 nm + 808 nm + 1064 nm)
Max. Power	3,500 W @ 808 nm / 2,500 W @ 3-wave
Operating Mode	Hair removal mode (Basic, GlideHR) GlideLifting mode (Focused, Gliding)
Shot Speed	1-20 Hz @ 808 nm / 1-10 Hz @ 3-wave
Pulse Duration	2-100 ms
Beam Shape	Square, Circle
Beam Size	12x24 , 12x12, Ø 6 mm
Light Conduction	Crystal coupling
Cooling Tip Temperature	1°C
Electrical Requirements	230 V, single phase, 50/60 Hz
Dimension (W*L*H)	400 mm (W) X 640 mm (L) X 1000 mm (H)
Weight	70 Kg



Diode Laser

3-Wave Tech *glideLifting*

Regulatory Status

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Regulatory Status

Summary of regional regulatory status

CE

EU CE

4/30/2021

Diode Laser

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Indication

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Indication

Hair removal

- Arm
- Beard
- Chest
- Axilla
- Groin
- Leg
- Others



GlideLifting (BTC)

- Brightening
- Tightening
- Contouring

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3-wave Tech glideLifting

Clinical Photo

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Clinical Photo

Hair removal



Before



After

Clinical Photo

Hair removal



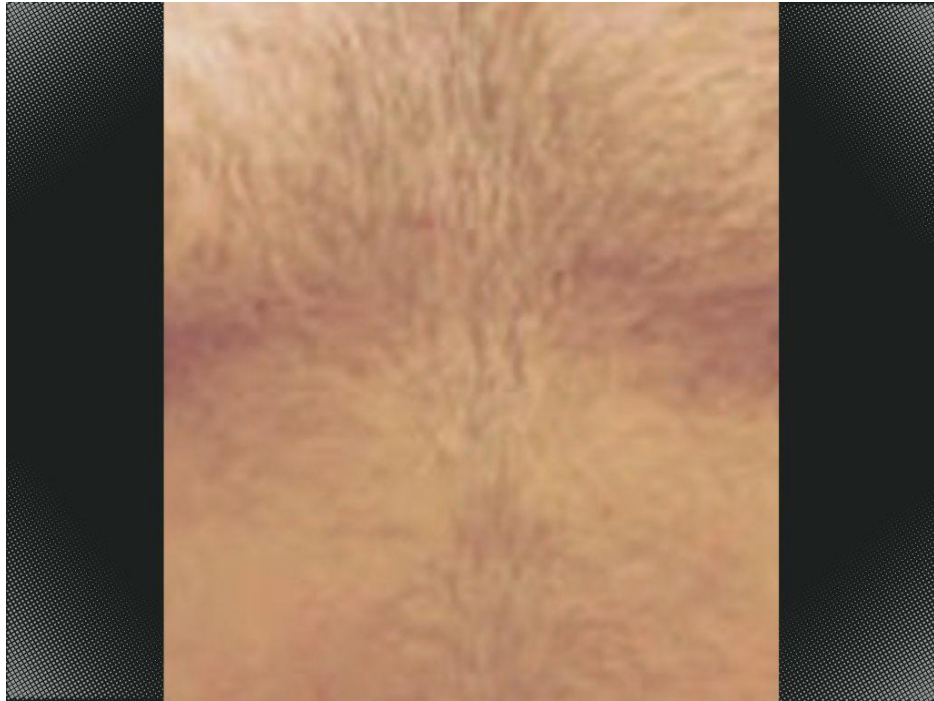
Before



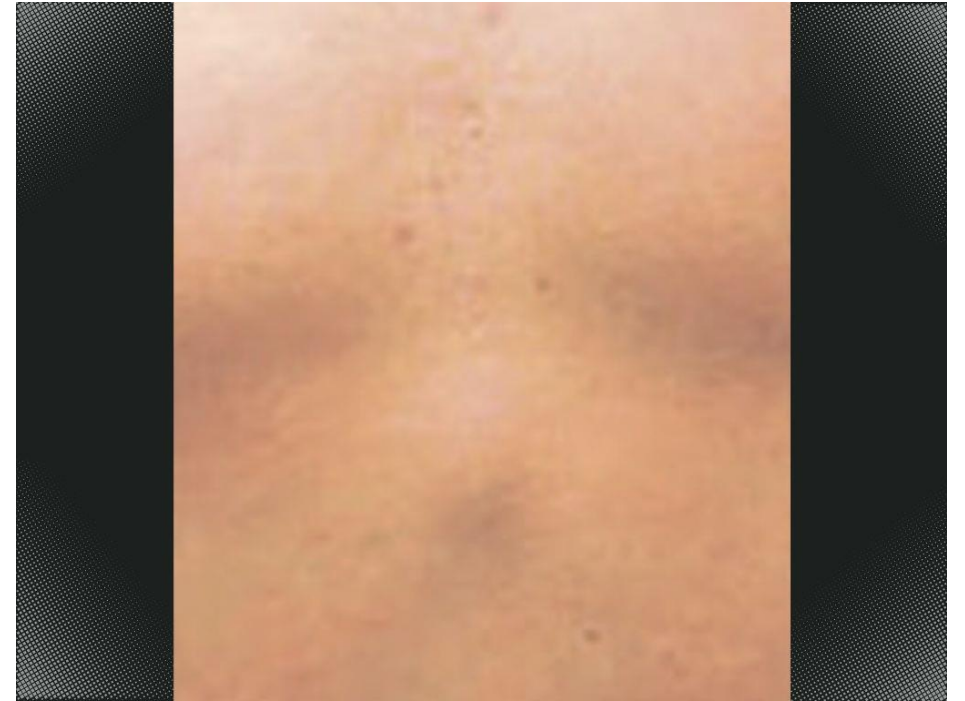
After

Clinical Photo

Hair removal



Before



After

Clinical Photo

Hair removal



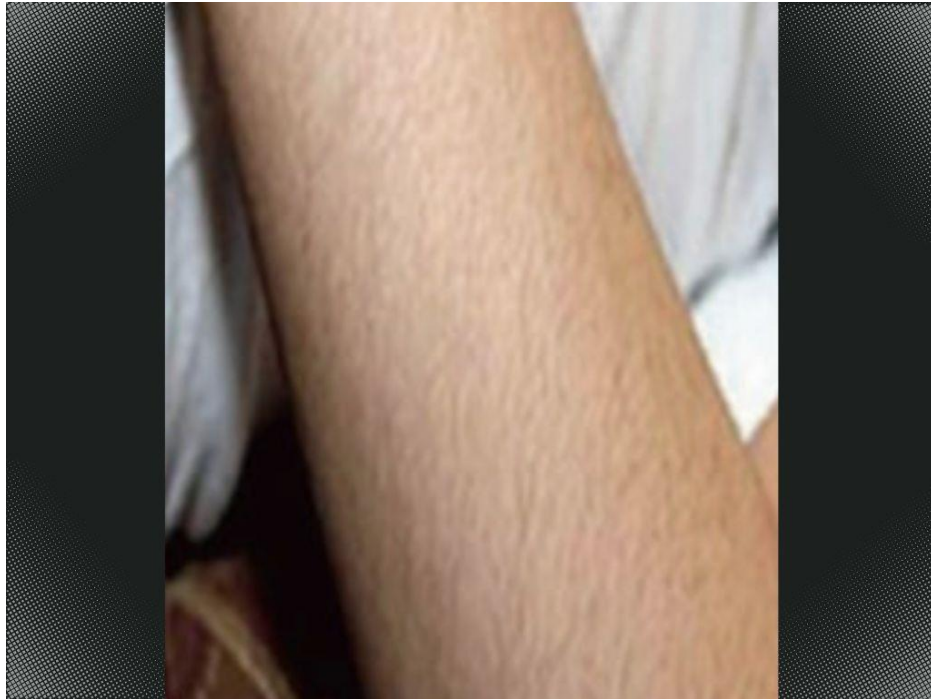
Before



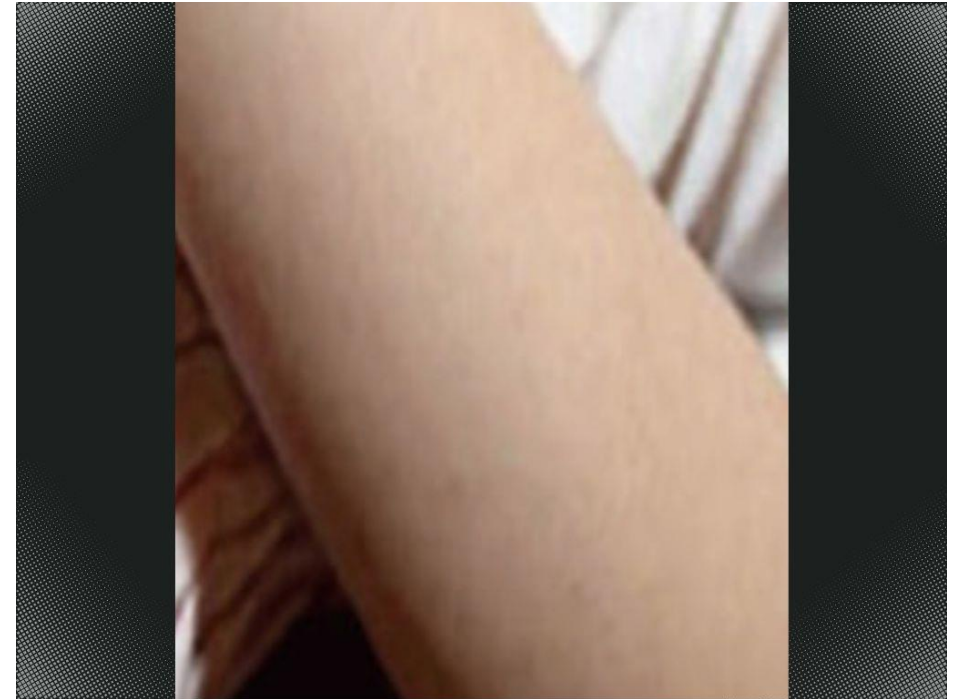
After

Clinical Photo

Hair removal



Before



After

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3-wave Tech glideLifting

Images



360 Shots



Handpieces



Thank You!