



redtouch

## First Target Is Collagen

A New Wavelength System  
for a New Rejuvenation

RedTouch stands out in Aesthetics Medicine



**DEKA**  
Innate Ability



# REDTOUCH Quick Wins:

Non-Ablative Skin Photorejuvenation | Facial  
Wrinkles Reduction | Benign Pigmented Lesions  
| Skin Laxity

## Key Principles

A new solution to meet the demands of professionals and patients who increasingly require effective, non invasive, painless, downtime or side effects free procedures.

## Don't Miss REDTOUCH for:

### Specific Wavelength for Collagen (675 nm)

RedTouch is the first system that acts selectively on collagen fibers.

### No Downtime

As the epidermal layer is not damaged, both treatment side effects and skin recovery time are minimized.

### Growing Market Trends in Skin Rejuvenation

Require new technologies to provide users with minimally or totally non-invasive solutions.



THE SCIENCE BEHIND

redtouch

## A New Advanced Scanner

The RedTouch handpiece, with an integrated scanner system, has been designed to get the best performance in transmitting energy to the skin with an optimized ergonomics.

RedTouch **handpiece** (patent pending) at a glance:

Scanner on board

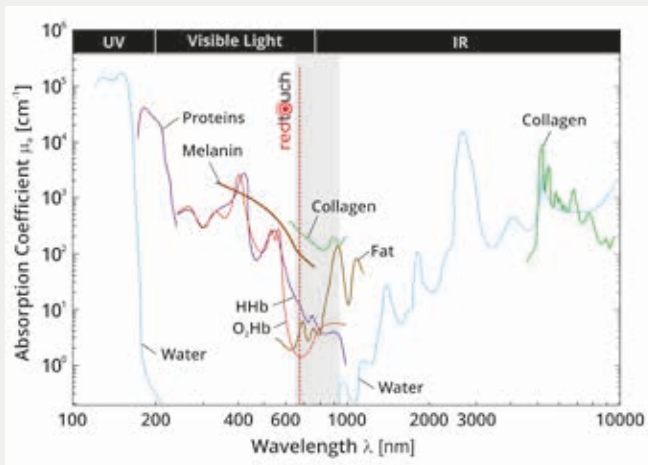
Ergonomic design



# 675 nm: Exploring a New Selective Wavelength

RedTouch is the first and only system that uses this wavelength: never used before on the market and the most selective for collagen.

Compared to the systems currently on the market that target water present in the skin, the RedTouch acts directly on the collagen contained in the dermal layer.



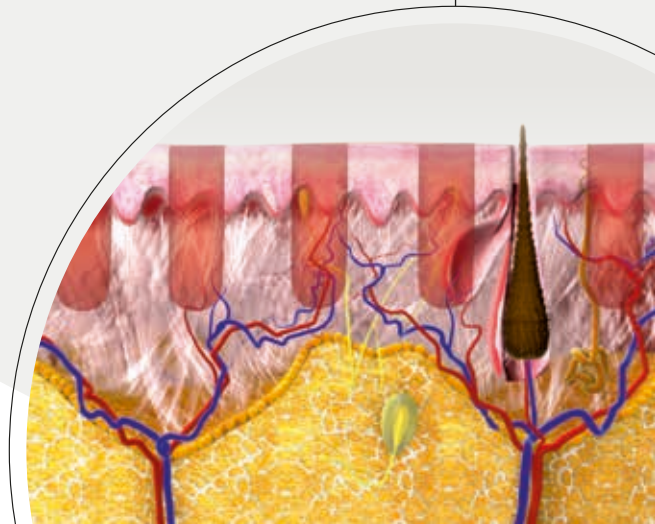
Integrated skin  
cooling system



Fractional emission

## Mechanism of Action

Microzones of thermal damage (about 1 mm diameter) induce an immediate consecutive collagen fibers denaturation that leads to a neocollagenesis process. Due to an integrated cooling system and the 675 nm wavelength selectivity, the epidermal layer is not damaged. Thus minimizing the side effects and related downtime.

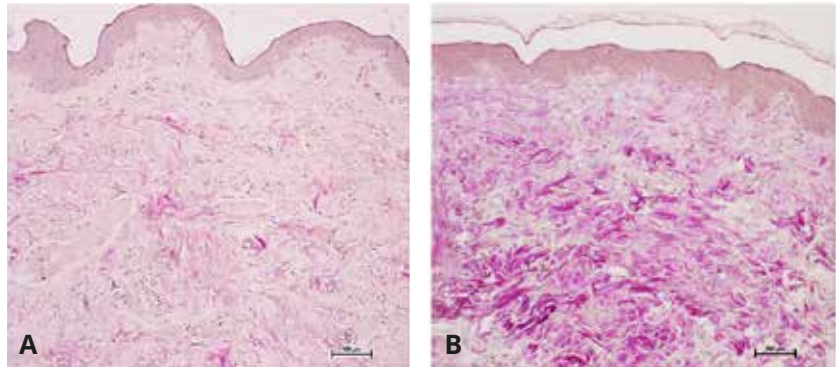




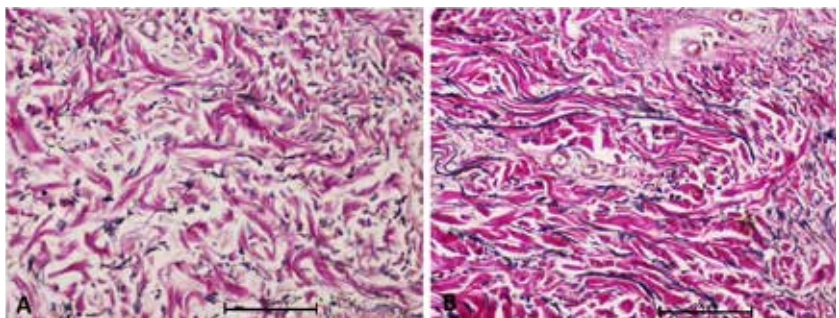
## THE SCIENCE BEHIND

# Proven Efficacy for Skin Rejuvenation

The histological investigation shows how the skin after the treatment with RedTouch regains the characteristics of a younger skin.



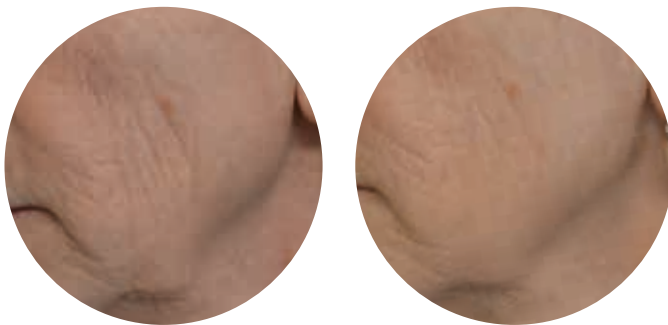
Histology of human skin biopsy before (A) and after (B) RedTouch treatment, based on Van Gieson staining method. After the treatment, in the reticular layer (deep dermis) there are no collagen fibers bundles but thinner fibers, more-parallel and straighter. The picture B shows a more organized structure with an increase of collagen fibers.



Histology of human skin biopsy before (A) and after (B) RedTouch treatment based on Weigert Van Gieson staining method. Pictures show that also the elastic fibers (dark ones) are more parallel and straighter in the dermis after the treatment. This aspect indicates a functionally more suitable structure providing for a better tissue elasticity.



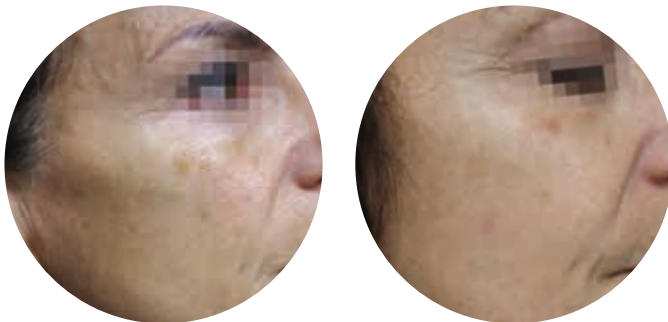
## Clinical Results



Courtesy of **Claudia Rastelli, M.D.**,  
Rimini - Italy



Courtesy of **Claudia Rastelli, M.D.**,  
Rimini - Italy



Courtesy of **Prof. Giovanni Cannarozzo, M.D.**,  
Tor Vergata University of Rome - Italy



Courtesy of **Claudia Rastelli, M.D.**,  
Rimini - Italy

# Knowing Our Audiences and Market

Over the past few years, the medical aesthetic industry has evolved drastically with the introduction of new technologies shifting from invasive to non-invasive photorejuvenation treatments.

Growing awareness regarding reduced side effects obtainable with minimally non-invasive cosmetic procedures among the general population, will further increase the adoption rate of medical aesthetic devices.

## Global Photorejuvenation\*



**+6.6% CAGR**  
OVER THE FORECAST PERIOD



**↑2.5 billion \$**  
EXPECTED UNTIL 2025

\*Sources: Global Market Insights, Inc. - Photorejuvenation Devices Market Size by Product, Industry Analysis Report, Regional Outlook, Modality Potential, Competitive Market Share & Forecast, 2019 – 2025]



# The Floor to Practitioners

“ The treatment is easy to perform, non-invasive and involves minimal side effects (redness, rare micro-burns).

The procedure is also not very painful thanks to the preventive skin cooling and the compression that induces a sort of transient ischemia.

RedTouch creates micro-zones of thermal damage of about 1 mm which, supported by the cooling and the selectivity of the dermal layer, do not damage the epidermal layer.

There is no formation of microscopic epidermal necrotic debris (MENDs) nor dermo-epidermal detachment typical of the post-operative course of NIR systems.

The absence of crusts and / or micro-crusts that does not change the patient's texture during the post-operative course, in this way the treatment has a minimal impact on the relational life of the patients. The RedTouch ability to act on both melanin and collagen fibers, makes this device promising for the treatment of the chrono-aging, photoaging and pigmented disorders.”

**Prof. Giovanni Cannarozzo, M.D.**

University of Tor Vergata, Rome (Italy)

“ In recent years I have seen several new techniques been introduced in the market and I did adopt some in my practice as well.

I had to adapt either myself and my practice to the increasingly demand for either minimally invasive treatments and reduced downtime.

RedTouch is an ideal solution for my practice. In less than 30 minutes I can get satisfactory results with a minimal downtime and in a painless way just making the treatment very well tolerated by my patients. It's an all-in-one solution for treating wrinkles, skin laxity, scars and pigmented spots in a totally safe way.”

**Claudia Rastelli, M.D.**

Rimini – Italy

THE PERFECT MATCH

## REDTOUCH Strength

Operator and patient total comfort benefits:

- It provides a **new and advanced answer** in skin rejuvenation techniques
- Unique system in the market specifically designed for collagen
- Good results with **no side effects**
- **Non-invasive and virtually painless** (no anesthesia required)
- **No downtime**
- **Wide use:** more photorejuvenation treatments are possible
- **Ease of use**
- **Quick learning curve**
- **Fast ROI**

 **Only for DEKA Users:**  
a great support in medical practice  
**DEKA** *Club*



Ergonomic handpiece  
with Integrated  
scanner system

10.1" Touch Screen  
Display

Software GUI

redtouch

DEKA

# Technical Specifications

| RED TOUCH               |                                                       |
|-------------------------|-------------------------------------------------------|
| Laser Type              | 675 nm diode laser                                    |
| Power                   | 10 W (max)                                            |
| Scanner Area            | 15 mm x 15 mm (max)                                   |
| Scanner Shape           | Point, line, triangle, ellipse, hexagon, square, ring |
| Scanner Mode            | Normal - Interlaced - SmartTrack                      |
| SmartStack              | 1-5                                                   |
| Dwell Time              | 25-250 ms                                             |
| Spacing                 | 0-4 mm                                                |
| Emission Control        | Footswitch                                            |
| Cooling                 | Integrated skin cooling system (5°C)                  |
| Dimensions and Weight   | 122 (H) cm x 42 (W) cm x 54 (D) cm   30 kg            |
| Electrical Requirements | 100-240 Vac - monophase - 50/60 Hz - 600 VA           |

**CAUTION** - Visible and invisible laser radiation. Avoid eye or skin exposure to direct or scattered radiation. Class 4 laser product.  
This brochure is not intended for the market of USA.



Dealer stamp



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#### DEKA Innate Ability

A spin-off of the El.En. Group, DEKA is a world-class leader in the design and manufacture of lasers and light sources for applications in the medical field. DEKA markets its devices in more than 80 countries throughout an extensive network of international distributors as well as direct offices in Italy, France, Japan and USA. Excellence is the hallmark of DEKA's experience and recognition garnered in the sphere of R&D in over thirty years of activity. Quality, innovation and technological excellence place DEKA and its products in a unique and distinguished position in the global arena. DEKA manufactures laser devices in compliance with the specifications of Directive 93/42/EEC and its quality assurance system is in accordance with the ISO 9001 and ISO 13485 standards.