HYPER PIGMENTATION TELA REDERM Market and and and Market an

Hyperpigmentation is the darkening of an area of skin or nails caused by increased melanin. Hyperpigmentation can affect the skin color of people of any race.

Common pigmentation disorders that can be corrected by Redermalization

Disorder	Description	Location	Etiology
Postinflammatory hyperpigmentation	Irregular, darkly-pigmented macules or patches	Previous sites of injury or inflammation	Trauma, inflammation
Melasma	Pigmented, well-defined macules; light brown, brown, or gray in color	Face, forearms	Pregnancy, oral contraceptives, phenytoin (Dilantin), idiopathic
Solar lentigines	1 to 3-cm macules, well-circumscribed, light yellow to dark brown, variegated color	Face, hands, forearms, chest, back, shins	Acute, chronic ultraviolet light exposure
Ephelides	1 to 2-mm, sharply defined macules, red to tan to light brown in color	Face, neck, chest, arms, legs	Sun exposure in susceptible persons
Café-au-lait macules	Tan to brown patches, 1 to 20 cm, epidermal, present at birth or early childhood	Usually on trunk, but possible anywhere	Increased melanin in melanocytes, basal keratinocytes

REDERMALIZATION

Treatment course for skin quality improvement with Xela Rederm.

Hyaluronic acid

is a **natural material** that is contained in neuronal, connective and epithelial tissues

Helps to activate anti inflammatory mediators

SCIENCE

- Restores and maintains water balance
 - Contributes to the synthesis of •
 - of basic structural proteins
- Provides mechanical support for tissues

Preparations based on high molecular weight hyaluronic acid are used for the Redermalization procedure. Due to its properties. it provides a much longer lasting effect on improving skin quality

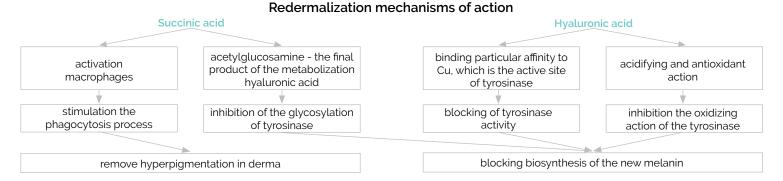


Succinic acid

(succinate) is a natural material that is contained in neuronal, connective and epithelial tissues

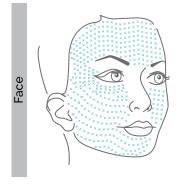
- Helps to normalize microcirculation,
- Contributes to lymphatic drainage
- Helps to regulate cellular energy exchange
- Has antioxidant properties
 - Helps to prevent damage of the cell membrane
 Contributes to the synthesis of basic
 - proteins

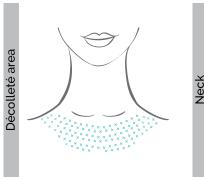
Succinic acid has been found an important component which has provided a breakthrough in improving skin



- SCIENCE & RESULTS -

Areas of treatment









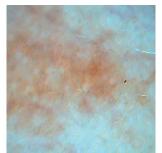
Hands

Procedure protocol

Product: Hyalual Light / Smart / Booster. Intradermal injections with the papular technique. d = 1-2 mm, the distance between papules 2-3 mm. Amount of solution 1-2 ml.

Morphotype*	Procedure I	Procedure II 2 weeks later	Procedure III 2 weeks later
Tired face*	Xela Rederm 1,1% Papular	Xela Rederm 1,1% Xela Rederm 1,8% Papular	Xela Rederm 2,2% Papular
Deformative*	Xela Rederm 1,1% Papular	Xela Rederm 1,1% Papular	Xela Rederm 1,8% Xela Rederm 2,2% Linear
Wrinkling*	Xela Rederm 1,8% Papular	Xela Rederm 1,8% Xela Rederm 2,2% Papular	Xela Rederm 1,8% Xela Rederm 2,2% Linear
Muscular*	Xela Rederm 1,1% Papular	Xela Rederm 1,8% Papular	Xela Rederm 2,2% Linear

RESULTS



Patient, 36 years old Areas treated: Locally. Products used: Xela Rederm 1,1% (first and second procedure); Xela Rederm 1,8% 2 ml (third procedure)

Unretouched photos were taken before treatment and 30 days after **





Patient, 40 years old Areas treated: Full face. Products used: Xela Rederm 1,1% 2 ml

Unretouched photos were taken before treatment and 30 days after $\hfill {\ensuremath{\mathsf{ret}}}$

Patient, 33 years old Areas treated: Locally. Products used: Hyalual Light 2 ml (first and second procedure); Xela Rederm 1,8% 2 ml (third procedure)

Unretouched photos were taken before treatment, 14 days and 30 days after*



* Type of aging skin by Kolgunenko

** Courtesy of Dr. Roberto Pelliccia



Maurizio Ceccarelli in "Treating hyperpigmentation using a combination of hyaluronic and succinic acids" Prime Journal Vol 6, Issue 4, July/August 2016