

A NEW ADVANCE IN THE REPAIR OF SKIN BLEMISHES

21 Skin Cell Regeneration™

The new advance in minor cosmetic procedures.

A fast, pain free solution that provides a non-surgical solution to the many cosmetic problems that are faced by most people.

21 Skin Cell Regeneration™ will:



- *Refine rhytides; crows feet, frown lines, eye circles, chin creases, lip and marionette lines as well as the many wrinkles on the body.*



- *Lift sagging eye lids without need for blepharoplasty .*



- *Remove skin blemishes on the face and body.*



- *Painlessly refine tattoos, scars and stretch marks.*



- *Remove skin tags and age spots.*



- *Provide non-surgical face, and neck lifting. Firming and lifting slack tissue.*



The history of plasma skin regeneration, a 21st Century innovation...

The invention of the "plasma" principle

Reprinted from Facial Plastic Times, December 2005

Plasma skin regeneration is a technology that uses plasma energy to regenerate the skin. We are evaluating this technology.

In our series of close to 20 sites, mainly periorbital and per orofacial, there is evidence of good collagen remodeling and diminished rhytides and patient satisfaction.

Those with high energy treatment –four joules or greater- are showing the earliest improvement as opposed to low energy of one to two joules and sequential treatment.

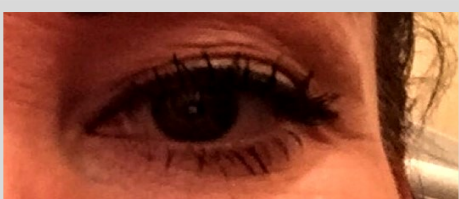
No evidence of hypertrophic scarring, hypopigmentation, or prolonged erythema on patients at over three months. This minimally invasive, non-ablative skin rejuvenation is adaptable as an office procedure. It can be delegated to a supervised physician extender (an aesthetician or trained beauty therapist).

"Our clinical application to periorbital and perioral rhytides has been promising, producing no scarring or hypo-pigmentation."

J.E Gilmore MD Dallas

Plasma is generated inside a hand piece with UHF energy imparted to a flow of nitrogen gas. The resulting plasma energy (plume) is comprised of highly energized (ionized) nitrogen molecules, which are delivered in milliseconds.

The nitrogen plasma has a very low thermal time constant, which means it gives up its thermal energy very rapidly so the skin is not broken down, charred, or vaporized upon treatment. This rapid dissipation results in a controlled and uniform energy transmission. The fact that plasma energy is not chromophore specific is also critical to the predictable flow of energy to skin architecture.



The clinician has options ranging from weekend peel delivered as two or three sequential low energy treatments with some redness for a few days to more definitive high energy treatments that produce redness over a longer period of time.

It is important that the skin surface not be "blown away" but left as a protective barrier. None of the skin responses has been as dramatic as those noted with CO2 laser (skin injury).

Clinical application to periorbital and perioral rhytides has been very promising and has produced no scarring or hypo-pigmentation. The clinician has options ranging from weekend peel delivered as two or three sequential low energy treatments with some redness for a few days to more definitive high energy treatments that produce redness over a longer period of time. It is important that the skin surface not be "blown away" but left as a protective barrier. None of the skin responses has been as dramatic as those noted with CO2 laser (skin injury).

The operation is simple and the machine occupies little space.

The process appears to be safe and effective, producing uniform results for us to date. Plasma skin regeneration seems to provide rapid healing with minimal pain and down time, producing only mild redness for a few days.

The observed histo-pathology shows regeneration of the reticular dermal architecture with low (one joule) or high (three to four joules) treatment energy.

A full face procedure can be done in less than 30 minutes, and regional treatments require about 15 minutes in our hands.

Most treatments are done with topical lidocaine gel with or without pre-treatment sedatives (diazepam, etc.).

Regional blocks are an option, as is IV sedation, although neither is usually necessary.

The AAFPRS is willing to share our early experiences with Academy membership and to communicate with other research scientists using plasma regeneration.

This procedure appears to answer patient demand for minimal and quick skin rejuvenation.

By Jim E. Gilmore, MD, Dallas, TX 2005 Reprinted with permission from Facial Plastic Times, November/December 2005 issued by the AAFPRS.

Since the above report was written by Jim Gilmore in 2005, plasma treatments have certainly been refined but only 21 Skin Cell Regeneration™ has perfected the process to a level that assures comfortable, fast and very efficient treatment. The application of nitrogen is no longer required. Together with 21 skin care products, healing time is nominal.



Before



After

"21 Skin Cell Regeneration™ is one of those rare moments when a new treatment is created that is so safe and so very certain. There are few treatments that are quite so rewarding both for the subject and the therapist"

**Jane Bateson
Oxford**

Jean, 35, onchan, Isle of Man



"4 years ago I was involved in an accident which left me with a large, deep scar on my right arm and hand and loss of sensation. After the first treatment on the touch skin 21 machine I gained most feeling back in my hand and the scar was lightened. I have now had 5 treatments and I've regained feeling, the scars are a lot lighter and I'm very happy with the result so far."

... and now the next step

21 Skin Cell Regeneration™

In 2005 the concept of plasma skin regeneration was hailed as the breakthrough alternative to surgical procedures for a wide range of cosmetic problems. Scientific studies such as the one reproduced in this fact sheet reported upon its initial beneficial effects and the limitations of the equipment available at the that time .

Every so often a leap forward in technology occurs

There are many devices that claim to offer plasma treatment but are incorrectly powered and create unwanted secondary issues.

21 SCR™ is the next step, a breakthrough developed by the scientist Dolores Moretto and her expert team in Turin, Italy.

Italian electronic experts working with medics have led the way in so many advanced aesthetic treatments. Moretto is the most experienced having worked in this field since 1978.

She has developed a technology that no longer requires the use of nitrogen gas at unfavorably high temperatures. The level of energy needed is preset, the diameter of the needle probe perfected with a unique method of focusing the treatment. The risk of any significant residual trauma is removed. Even the treatment to refine scars, stretch marks and tattoos is painless. Unlike laser, there is no pain and also the risk of residual scar tissue is very unlikely.

21 Skin Cell Regeneration™ offers so much more...

Moretto has created a remarkable new level in plasma treatment. The method is fast, safe and very effective both for the patient and the Clinician. It is the only system that removes any risk of an electrical field passing through the treatment clinician.

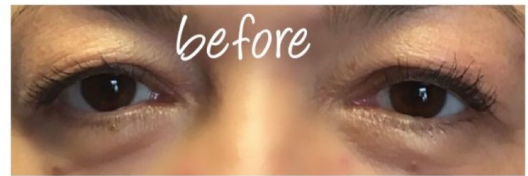
21 Skin Cell Regeneration™ - the breakthrough non-surgical alternative to blepharoplasty.

21 SCR™ is particularly valuable in treating the eye lids to lift sagging excess skin that disturbs vision and ages the appearance. Previously excisional blepharoplasty to lift eye lids was the only option. The risks as with any surgical procedure were a concern and many weeks were needed for tissue damage to heal.

21 SCR™ requires no incision, it only sublimates very superficial tissue but sufficient to trigger a natural healing response. A specific diameter needle probe creates the localized ionization of the gas existing in the air to cause a small electrical discharge at the epidermal level, this creates a small superficial burn to outer skin cells and the sublimation of water contained in the skin tissue. In this way, a regeneration of the new cells is stimulated without causing burns in any deeper layers or surrounding tissue. The probe is not held in contact with the skin.

There is no charring of surrounding tissue and no scabs form of any significance. Some redness may remain for a day or so.

There may be some slight swelling due to lymph being directed to the area to assist tissue repair. Healing time is also accelerated with the application of the 21 plant stem cell creams. The patient can typically return to work or other activities after treatment.



Chronic, sagging eye lids impaired vision to the point that this patient applied tape to hold eye lids up to read and watch television. Restoration achieved in 3 treatments.

Picture courtesy of 21 Clinic at 1stBeauty, Birmingham

Treatment effect

The subject is rewarded with a noticeable improvement immediately after treatment. A small amount of redness and slight swelling might remain for a day or so.

Once this subsides, the improvement is immediately evident.

The removal of simple skin blemishes like age spots and skin tags are quick and easy, typically in only one painless treatment.

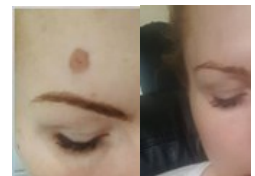
Line and wrinkle refining typically requires a number of treatments.

Removal of tattoos and scar tissue is particularly valuable. Unlike laser treatments, there is no risk of residual scars. Most important; 21 Skin Cell Regeneration is completely painless.

The number of treatments required relies on the age, depth etc. and in the case of tattoos, the nature of the pigment inks that have been used.

Blemish removed in one fast & pain free treatment.

picture courtesy of Finishing Touches 21 Clinic



Example picture courtesy of Goldy's, USA,

Contraindications

There are few contraindications to treatment with 21 Skin Cell Regeneration™.

21 SCR™ treatments should not be given without written approval from the subjects Doctor in the event that they are under regular medical supervision or if any of the following apply to the patient requesting treatment:

- ◇ suffer from phlebitis, thrombo-phlebitis or varicose veins
- ◇ are pregnant (or have given birth within the last 3 months)
- ◇ are affected by occlusive arteriopathies or alteration in VES (haemophilia)
- ◇ are affected by important inflammatory processes (tuberculosis) or neoplastic processes
- ◇ have had an organ transplant, have been treated for cancer or any other serious illness, or fitted with a pace maker.

Careful examination must be taken of freckles, moles or any blemish where malignant cancer cells might be present and the patient must be referred to their GP or a consultant skin specialist for written approval before proceeding with this treatment.



"I chose this 21 treatment after careful consideration. The results have been everything I hoped for and more. 21 SCR is a simple and straightforward treatment with assistance from 21 Clinic training.

I exactly what it can do. These are photographs of me before and then after a few treatments. "

Candice Lennox, Knutsford Feb 2017

21 Skin Cell Regeneration™

- ⇒ A scientific instrument that offers the most advanced treatment for removing and refining many common skin blemishes.
- ⇒ Non invasive without pain or the risks that can occur in surgical procedures.
- ⇒ Medical supervision is not required except in cases where there might be any contra indication.
- ⇒ The equipment is presented in its own robust carry case.
- ⇒ Lightweight and portable, very convenient for domiciliary visits and conducting treatments at other business locations .



Technical Characteristics:
Power supply: 110-240v
Frequency: 50/60HZ
Absorbed power: 30 VA
Safe Class: Class 1 type bf
Weight: 4Kg
Designed and made in Italy



RESULTS

Progressive removal of skin blemishes. Improvements are visible at the end of the first treatment. The number of treatments will vary according to the condition, age, depth and size of the area requiring treatment.

ACCREDITED TRAINING

Available at the International Training Centre in Turin, Italy or in authorised centres in the UK.

AFTER CARE

Equipment is guaranteed for 12 months. Consumables are excluded.



www.21clinic.co.uk