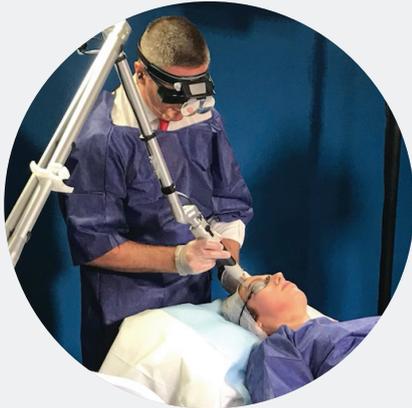


QUANTA NEWS

Press Release

July 2018



TATTOO CHANGING REVOLUTION: A NEW “SKIN REJUVENATION” EFFECT IS NOW POSSIBLE WITH TATTOO REMOVAL

The latest generation picosecond laser technology, associated with Quanta System's fractional laser treatment, ensures not only complete tattoo removal but also an effect of skin regeneration bringing the skin close to its original texture

Samarate (Varese, Italy), July 18th 2018 – A revolution is upcoming for those who regret having a tattoo. It's now clinically confirmed that, with the **use of the picosecond laser technology combined with the fractional laser treatment**, the tattoo is removed without any “ghost effect” nor sign, and a skin regeneration effect can be produced thanks to the stimulation of the new collagen production.

The tattoo-mania knows no rest and in Italy – as shown by the recent data of Unioncamere-InfoCamere¹ – over the past few years more than 2,500 new tattoo centers were opened. At the same time, the request for removal and modification of the tattoo is growing significantly. *“In our medical center we are experiencing an increase in removal tattoo requests of more than 40% year on year: the reason why of this result is certainly the demand that*

organically grows thanks also to word of mouth linked to the level of service and the quality of treatment we offer” comments **Dr. Matteo Tretti Clementoni, founder, CEO and Medical Director of Laserplast**, a point of reference in Milan for both medical and aesthetic laser therapy with extensive experience also in tattoo removal. It's here, in fact, that the experimentation started and it's here it has consolidated the treatment of tattoo removal using the latest generation picosecond laser combined with the subsequent treatment skin rejuvenation based on the fractional laser with split mode – both supplied by a single laser system, the **Discovery Pico by Quanta System**, Italian company among the global leaders in laser systems production.

The new frontier in tattoo removal treatments comes once again from the laser. *“We need to use the*

¹ Results by Unioncamere-InfoCamere based on data of Registro delle Imprese delle Camere di Commercio (2012 – 2017). www.infocamere.it

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best technology available on the market, the Discovery Pico", observes **Dr. Tretti Clementoni**. "This is a laser system offering two great advantages: it acts on the skin with a square spot, which allows the doctor to exactly place a square side by side, avoiding overlaps or not treated small portions. The result is a uniform tattoo treatment. The other big advantage is its power". Why is the energy power so important? Discovery Pico has 1.8 GigaWatt and this is an immense power, delivered in a very short time and sufficient to illuminate an entire city for some moments. These performances are necessary to effectively the tattoo's pigments.

"All of this energy is needed because we treat patients using large spot: in this way the laser goes deep. Getting deep enough is paramount to reach the coloured pigment, fragment it so to activate the immune system that will eliminate it – and this requires loads of energy" explains **Dr. Tretti Clementoni**. Applying the fractional laser immediately after the removal treatment ensures an improvement in skin quality. "The fractional laser acts on the general quality of the skin since the L.I.O.B. (Laser Induced Optical Breakdown). "The energy, focused in a very small point, generates microscopic dermis and skin surface "breakdowns" that will be repaired producing new collagen and stimulating the remodeling of the existing one. It's the same skin rejuvenation principle applied to tattoo removal and, if

done with the right timing, it brings the skin back to the same condition as the surrounding non-tattooed skin" continues the Doctor.

But how long does one need to wait between removal sessions? This is one of the most frequent questions among people interested in tattoo removal. "I have to point out that to remove a tattoo at best – besides the outstanding technologies and clinical experience – it's very important to be patient. The pigment elimination process is constant and progressive" says **Dr. Tretti Clementoni**. It would be ideal to wait two months, but in many cases it's possible to approximate sessions up to 30-45 days, in any case after an assessment of the individual case by the doctor. Some anatomical regions and modest color densities of the tattoo allow to shorten the times allowing to combine the needs of the patient (short times) with those of the doctor. In fact, it should not be forgotten that, sometimes, the presence of the tattoo alters the psychological well-being of the patient, leading him to modify in an important way his social life.

"From the young people, we receive many requests for tattoo removal in order to access contests or job interviews in relation to professional positions for which we can't have visible tattoos – about 40% of requests" says **Dr. Valerio Pedrelli, surgeon and expert**



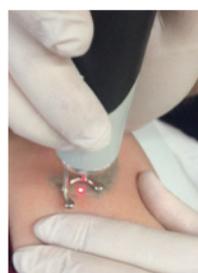
Tattoo to be removed



Square spot during treatment



Skin appearance after the treatment (about 1 minute)



Following step with fractional laser for skin regeneration



Skin appearance at the end of treatment

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in tattoo removal at Laserplast. Another very frequent situation is the request to remove tattoos that are too large, and this requirement very often immediately arises after doing it. *“Fashion, hasty decisions, sudden changes of idea. When you see it, you do not recognize yourself anymore, it does not express the image of yourself as desired and it becomes a real problem”* concludes the Doctor.

Some of the most bizarre removal cases? Tattoos **with a mistake in English or reporting the wrong date.** But today, thanks to laser therapy, it's possible to forget, in time, to have had a tattoo: in fact, the skin regains a homogeneous appearance, like the one never treated.

Laserplast is the point of reference in Milan for laser treatments, with a focus in dermatology, aesthetic medicine and plastic surgery. Thanks to extensive expertise and outstanding technologies, among the best available worldwide, the medical team intervenes not only on situations both pathological and non-pathological, but also on situations altering the life quality of the patient up to pure aesthetic interventions. In all these areas the laser can really give extraordinary results. *“Laser therapy is a complex science because it brings together the interaction between matter and energy, but it's not taught in a systematic way in the Italian specialization institutes. Experience and high technology are the requirements to do a high standard work”* says Dr. Matteo Tretti Clementoni, Founder, CEO and Director of Laserplast. www.laserplast.org

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Quanta System is a 100% Italian company that since 1985 brings to the global market innovative laser systems for the health care, surgery, aesthetic medicine and art works conservation. In its headquarter in Varese (Samarate), the company employs 150 people and carries out the entire process of research, development and production of lasers used across the globe and distributed through a network of 110 international distributors. Quanta System is part of El.En. SpA Group, Italian parent company of a high-tech industrial group listed on the STAR segment of Borsa Italiana (Italian Stock Exchange). Quanta System is reference partner in healthcare, Institutes and Bodies involved in global scientific and research projects.



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