The Medical Power of Light

MaQX Clear®

Multi-pulse skin conditioning for melasma and pigmentation disorders

- An innovative 4-step multifactorial approach
- Treats symptoms of melasma and pigmentation disorders
- Minimally invasive
- Users report long-term results

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Courtesy of Sebastián and Julio Cesar Velez Ocampo

Top three photos: before the treatment; bottom three: 9 months after the treatment.

4 STEPS:

1st Step **Q-switched Nd:YAG MaQX 1**	2nd Step **FRAC3 Nd:YAG**	3rd Step **Fractional Nd:YAG QS MaQX1**	4th Step **VERSA Nd:YAG**
Destruction of melanosomes and fragmentation of dermal melanin	Targets melasma's presumed microvascular component	Stimulation of the exchange of keratinocytes and non-thermal rejuvenation of the tissue	Treatment of vascular lesions if they are visible

Melasma is a complex condition that has been difficult to treat, with improvements only sustainable for short periods of time.

The patented **MaQX Clear®** procedure with the **StarWalker® MaQX** system is a multifactorial approach that not only treats the hypermelanosis symptoms, but is also believed to address the presumed vascular component of melasma.

StarWalker® MaQX from Fotona is a unique ultra-performance Q-switched laser system with the widest range of procedure modes optimal for delivering the multifactorial MaQX Clear® treatment.

The 1st step applies Q-s Nd:YAG with **MaQX1**, which delivers a subcellular photoacoustic effect oriented to the destruction of melanosomes and fragmentation of dermal melanin.

The 2nd step uses low-fluence, short **FRAC3®** pulses, which research suggests may be beneficial for microvascular components which cause erythema.

The 3rd step requires the use of the patented **FracTAT™** technology for fractional non-ablative and ablative treatments with the purpose to stimulate the exchange of keratinocytes and provide non-thermal rejuvenation of the tissue.

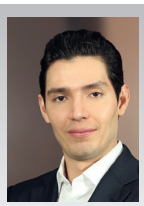
The 4th step **VERSA Nd:YAG** is applied when vascular lesions are visible.

For optimal results, several treatments (4-8) are needed.

The final result is a visible reduction in melasma and other pigmentation disorders as well as rejuvenated, tighter and more youthful skin.

Dr. Julio Cesar Velez Ocampo

"With StarWalker, we are having really great and long-lasting results when treating melasma, without relapses, so we are really very happy. One of the main aspects of the treatment is also the rejuvenation effect, which is why we perform the procedure on the whole face. At the end the patients' skin will look younger and brighter, so they are really satisfied with the treatment and are even eager to return for more sessions after it is complete."



Dr. Sebastián Cesar Velez Ocampo

"Melasma is a major issue for us because of the tropics and high altitude in our country. The special pulses of the StarWalker allow us to treat the skin in a "cold way". This is important because heat is one of the main triggers of melasma, which is why treatments using CO_2 and other types of lasers actually worsen the condition. We've compared what we are doing with everything that is published, and we are pleased to see that our 4-step treatment has produced far superior results – until now 15-16 months without relapses."

Sebastián and Julio Cesar Velez Ocampo, **New Protocol for Long-term Results in Melasma Treatments with Nd:YAG Laser Multi-pulse Skin Conditioning Approach**, *J. LA&HA, Vol. 2019, No.1*

To learn more about MaQX Clear® and what StarWalker® can do for your practice contact us at info@fotona.com today.