



Highly Effective 3-Step, Dual-Wavelength Multipulsed Freckle Treatment with Fotona StarWalker System

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Introduction:

Freckles are light- to dark-brownish macules that affect photo-exposed skin areas. They start small at about 2 mm or less, but with time can increase in quantity, size and even color intensity. Since these lesions are benign, their increase reflects the photo-exposure of the patient. In some cases, however, they appear in special locations (axillary folds, mucosa) and may form part of a syndrome or specific clinical picture and so require a specialized evaluation before treatment. Freckles are a purely aesthetic condition that has high treatment demand.

Laser	StarWalker MaQX		
	Step 1	Step 2	Step 3
Wavelength	KTP-532 nm	Nd:YAG 1064 nm	Nd:YAG 1064 nm
Pulse duration	Q-Switch MaQX-1	FRAC3 0.6 ms	Q-Switch MaQX-1
Fluence	0.8-1.8 J/cm ²	8-15 J/cm ²	1.5-2.5 J/cm ²
Frequency	1 Hz	4 Hz	4-6 Hz
Handpiece	R28	R28	R28
Spot size	2 mm	4 mm	6-8 mm
Cooling	Yes		
Anesthesia	Topical		
Tx interval	3 sessions with 3 weeks interval		



Drs. Julio and Sebastian Velez are Colombian dermatologists who graduated from Universidad del Bosque and University Foundation for Health Sciences, respectively. They are committed to research and education, performing as adjunct professors at the Del Rosario University and the Universitaria Sanitas Foundation.

They currently work with the SP Dynamis Pro and StarWalker Q-Switched system in their private practice, Medical Art. They also provide pro bono services at the University Hospital Federico Lleras Acosta Dermatological Center.

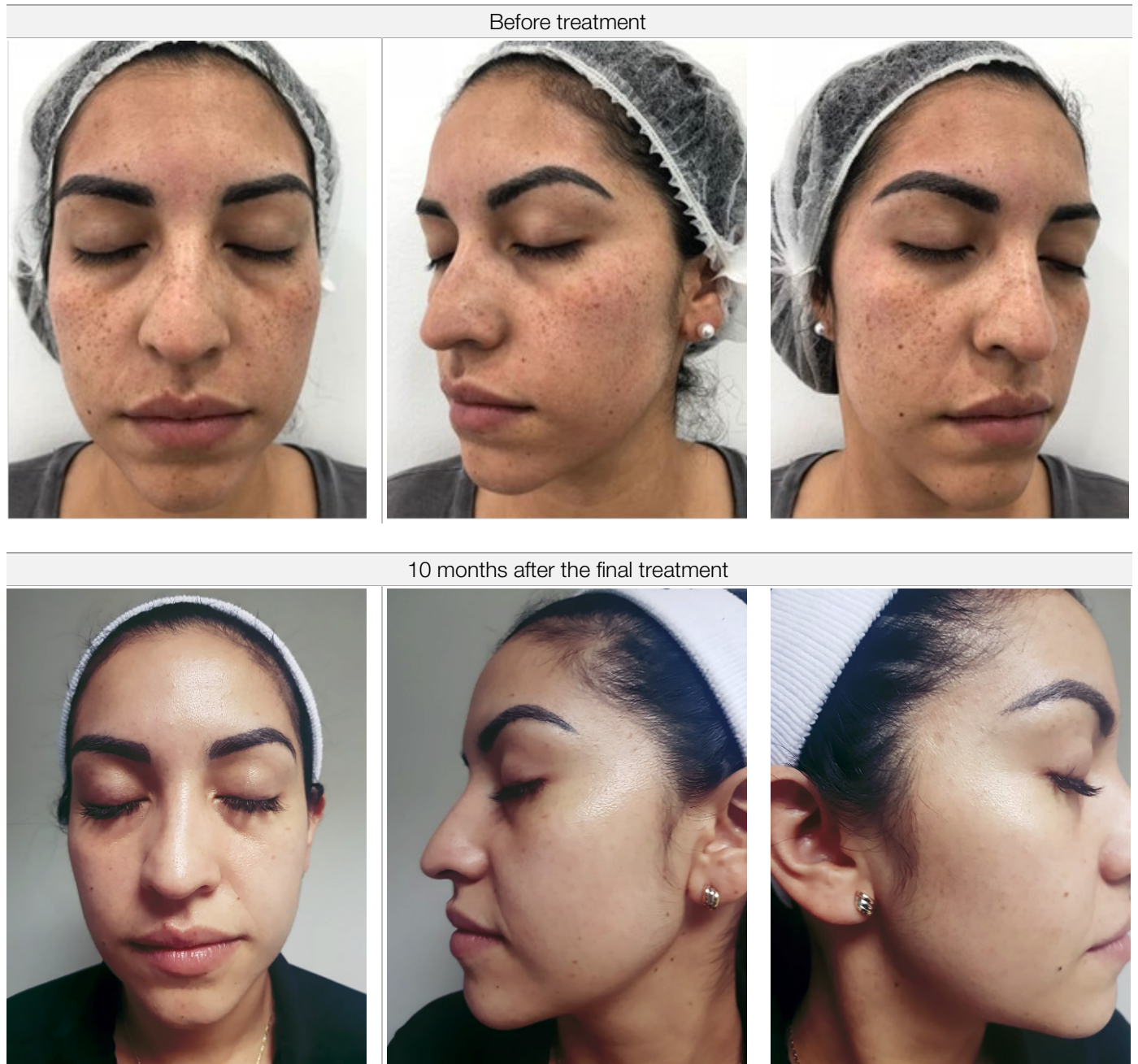
CLINICAL CASE:

Available treatments to date show limited effectiveness, no matter which modality is used. Chemical peels, Intense Pulsed Light, and multiple laser sources have been reported for this purpose.

We present a highly effective treatment modality with which we have had no complications to date.

Our protocol includes a three-step approach using two synergistic laser wavelengths and two different pulse durations available in the Fotona StarWalker Q- Switched laser system as described above.

Before and after treatment, patients must protect their skin with adequate photo-protection. The following case was treated in 3 sessions, performed once every three weeks. The end result pictures that follow were taken 10 months after the final treatment.



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