



Laser Treatment for Flat Viral Warts with Nd:YAG Laser

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Introduction:

Warts are a viral pathology secondary to VPH with multiple clinical presentations and numerous treatments available to date with limited effectiveness. We present a highly effective treatment modality using the SP Dynamis laser, but it can also be performed with the StarWalker MaQX laser platform as shown in the table below. No skin preparation is required. The procedure is performed under topical anesthesia (lidocaine 20% + prilocaine 10% + tetracaine 5%), which is applied to the lesion 30 minutes prior to treatment. The use of antibiotic prophylaxis and antiviral is not necessary.

Laser	SP Dynamis / StarWalker MaQX
Wavelength	1064 nm Nd:YAG
Pulse duration	15 ms
Handpiece	R33-T
Fluence	160 J/cm ²
Mode	VERSA
Frequency	1 Hz
Passes	1 pass
Spot size	4 mm
Cooling	Yes
Sessions	Single session for total elimination



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:

Immediately after the procedure, the lesion becomes darker and after a few days it sloughs off. The treatment requires cooling during and after the procedure, while no epithelializing cream is needed and photoprotection can be restarted immediately after the procedure. A single session is sufficient for a total elimination of the lesion.



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