



## Treatment of Spider Angioma with Nd:YAG laser

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### Introduction:

This bulletin presents a case of a 10-year-old girl with a spider angioma located on the right malar region. We use a protocol treatment shown in the table above. No skin preparation is required. The procedure is performed under topical anesthesia (lidocaine 20% + prilocaine 10% + tetracaine 5%), which is applied to the lesions 30 minutes prior to laser treatment.

Lasers	SP Dynamis
Wavelength	Nd:YAG (1064 nm)
Pulse Duration	VERSA (15 ms)
Fluence	180 J/cm <sup>2</sup>
Frequency	1 Hz
Handpiece	R33-T
Spotsize	2 mm
Passes	1
Sessions	Single session for total elimination



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*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:

This one step treatment uses Nd:YAG (1064 nm) long VERSA pulses with a pulse duration of 15 ms and a R33-T handpiece with 2 mm spot size. Just one pulse over the central part of the lesion is necessary to eliminate de spider angioma. Immediately after the procedure the angioma will slightly change to a darker grey and in a few days will completely disappear. The applied fluence is 180 J/cm<sup>2</sup>, and the frequency is 1 Hz.

The procedure requires cooling. No epithelializing cream is needed and photoprotection can be started immediately after the procedure. A single session is sufficient for a total elimination of the lesion.



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