



Rosacea & Telangiectasia Protocol for Asian and Darker Skin using SP Dynamis[®] Nx Line & StarWalker[®] PQX

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Introduction:

Rosacea is one of the most underdiagnosed and challenging dermatological conditions, particularly in Asian and darker skin tones. Patients often present with signs of impaired skin barrier function, acne eruptions, as well as telangiectasia and facial irritation. Vascular laser therapy has emerged as a viable treatment option to 1) reduce telangiectasia associated with Rosacea, and 2) reduce the persistent redness caused by chronic inflammation. Using this approach, we have implemented the following treatment protocol and documented results through clinical photography in an Asian patient.

Laser	SP Dynamis Nx Line		StarWalker PQX		
	Step 1	Step 2	Steps 3, 4 and 5		
Wavelength & MODE	1064 nm VERSA	1064 nm FRAC3	1064 nm		
Handpiece	R35-NX	R35-NX	BLACK		
Fluence	200 J/cm²	30 J/cm²	0.8–1.0J/cm²	1.6–1.8 J/cm²	1.2 mJ/px
Pulse duration	15 ms	1.6 ms	300 ps		
Frequency	3 Hz	3 Hz	2–3.5 Hz	7 Hz	5 Hz
Passes	1–2	1–2 passes	1–2 passes 600 shots	1–2 passes 600 shots	1–2 passes 200 shots
Spot size	2 mm	4 mm	8 mm	4 mm	F9
Stacking	No	No	No	No	No
Cooling	DMC	DMC	No	No	No
End point	Vessel closure	Mild blanching	Mild erythema		
Sessions	1 session				



Dr. Jia Xi Chong (Jesse) received his MBBS degree from Manipal University and his MRCS from the Royal College of Surgeons (Ireland). He specializes in all types of aesthetic injections with reputable products from renowned international brands, and is a Key Opinion Leader for the top-of-the-line StarWalker PQX and Dynamis Max lasers from Fotona, frequently performing minimally invasive procedures and laser surgeries to improve aesthetic concerns for patients. He actively participates in aesthetic education by providing lectures and hands-on workshops in Malaysia & APAC. Dr. Jesse's vision is to help lead progress and innovation in aesthetic frontiers to ensure all patients look their best at every age, safely.

CLINICAL CASE:

The Fotona SP Dynamis Nx Line & StarWalker PQX systems were used as per the settings outlined in the table. The end point of treatment was an immediate shrinkage of telangiectasia and mild blanching of inflamed areas. Post-treatment care included regular sunscreen application and sun protection. Each patient received a single treatment session. One month later, the patients' clinical photographs were reviewed to assess improvements in terms of reduction in telangiectasia, rosacea intensity, acne eruption as well as overall skin quality.

Significant rosacea improvement was evident in terms of acne lesion distribution, telangiectasia reduction as well as skin decreased irritation. Enhanced skin tone evenness and texture improvement were also observed. No complications arose from the laser protocol. Patient satisfaction was high, as the downtime was very minimal and tolerable, with mild erythema that lasted less than 24 hours. The SP Dynamis Nx Line, alongside CoolMist™, effectively achieved significant rosacea control with a single session of treatment.

