

# Safety and Efficacy of Picosecond Alexandrite Laser on the Treatment of Mixed Melasma on Asian Skin

VICTORIA G. BELO, MD<sup>1</sup>; JOHANNA CRISTINA N. MUNOZ, MD<sup>1</sup>; JENNIFER ROSLYN S. DELEON, MD<sup>1</sup>

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## Study Design:

- Single center study designed to examine the effects of the PicoSure on mixed melasma in Asian patients (skin types IV and V)
- Non-randomized cohort of 30 subjects, ages 30-60
- No topical medications and no laser treatments (washout period of 6 months)
- Pre and post treatment photos and Visia readings were taken
- 1st Session: Flat Optic Lens 8-10 mm, 2<sup>nd</sup> -4th Session: Focus Lens 8-10 mm
- 0.25-0.40 J/cm<sup>2</sup>, 2-3 Passes, 5 Hz

## Results:

- There was an 11.87 and 10.33 increase in percentile ranking for the melasma as measured on the left and right cheek respectively.
- Both proved to be statistically significant.



**Before**



**After 4 Tx**

*Courtesy of V. Belo, MD*



**Before**



**After 4 Tx**

*Courtesy of V. Belo, MD*

## Conclusion:

- The 755nm picosecond laser with Flat Optic and Focus Lens Array is a safe and effective treatment for mixed melasma in Asian skin types. Patients also reported improved skin tone and reduced surface inconsistencies.

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<sup>1</sup> Belo Medical Group, Manila, Philippines