

# A Prospective Split-Face Study of the Picosecond Alexandrite Laser with Specialized Lens Array for Facial Photoaging in Chinese

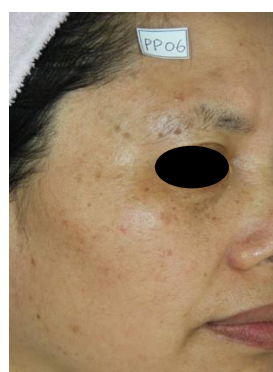
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## Study Design:

- 10 Females, Ages 30-55 with Fitzpatrick Skin Type III-IV
  - 4 split faced treatments at a 2 week interval with a 2 month follow up
  - Picosecond alexandrite laser (755nm) with a diffractive lens array
  - Spot size 6-8 mm, fluence 0.4-0.71 J/cm<sup>2</sup>, 2.5-5 Hz, 1500 pulses per treatment
- Evaluated using 5-point Global Photoaging Scale (GPS), a 6/8-point Asian Photographic Scale (APS), and a 10-point Visual Analog Scale

## Results:

Visits	Treated split-face			Control split-face (p-value)		
	GPS*	APS**		GPS*	APS**	
		Pigmentation	Wrinkle		Pigmentation	Wrinkle
Baseline	2.67±0.50	2.67±1.00	2.78±0.67	2.67±0.50	2.67±1.00	2.78±0.67
Follow-up	1.44±0.53	2.11±0.93	1.89±0.60	(0.005***)	(0.059)	(0.005***)



Before

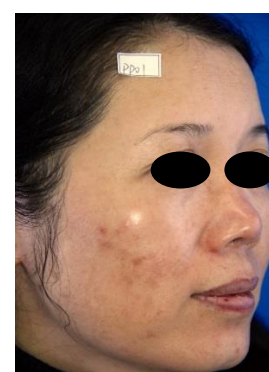


2 mos After 4 Tx

Courtesy of T. Lin, MD



Before



2 mos After 4 Tx

Courtesy of T. Lin, MD

## Conclusion:

- The 755nm picosecond laser with a diffractive lens array is efficacious and safe for rejuvenation of photoaging in Chinese.

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