

# Evaluation of 755 nm Picosecond Alexandrite Laser for Nevus of Ota in Chinese

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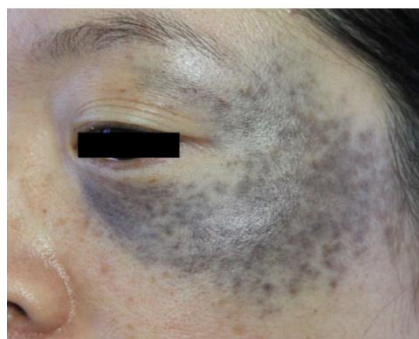
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## Study Design:

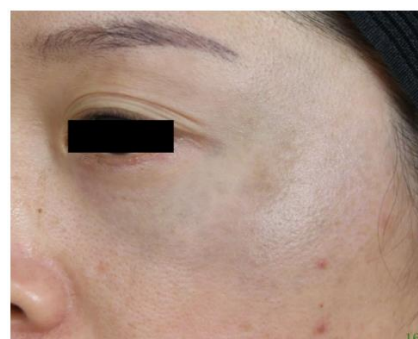
- Study to evaluate a 755 nm picosecond alexandrite laser for treatment of 16 Asian patients (ST III-IV) with Nevus of Ota.
- 3 patients received 3 Txs and 13 patients received 2 Txs spaced 3-6 months apart.
- Fluences used ranged from 4.07-6.37 J/cm<sup>2</sup>.

## Results:

- 2 patients achieved more than 75% clearance with 1 treatment, 5 patients achieved 51%-75% clearance with 1 treatment, and 6 patients achieved less than 50% clearance with 1-2 treatments.
- In 1 patient, the lesion was split in two parts and treated with a 755 nm picosecond alexandrite laser and a QS Nd:YAG laser, and after 2 treatments the 755 nm picosecond achieved higher clearance.
- 1 patient experienced hyperpigmentation after 1 treatment, but no other adverse events were observed in other patients.



Before



4 mos After 3 Txs  
2.2 mm spot; 5.26 J/cm<sup>2</sup>

Courtesy of T. Lin, MD

## Conclusion:

- The 755 nm picosecond alexandrite laser showed significant improvement in Asian Nevus of Ota patients at 3 or fewer treatments with minimal adverse events.

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