

# A Retrospective Study of a 755 nm Picosecond Laser for the Treatment of Benign Pigmentary Lesions in Chinese

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## Study Design:

- Retrospective study with 13 subjects.
- Subjects treated with 755 nm picosecond alexandrite only.
- Lesions consist of nevus of ota, café au lait patches, lentigines, Becker's nevus, Hori's macules and nevus spilus.
- Standard photography was evaluated.
- A score of 0-4 (poor 0-24%, fair 25-49%, good 50-74%, excellent 75-95% and complete 95%+ improvement) was given.

## Results:

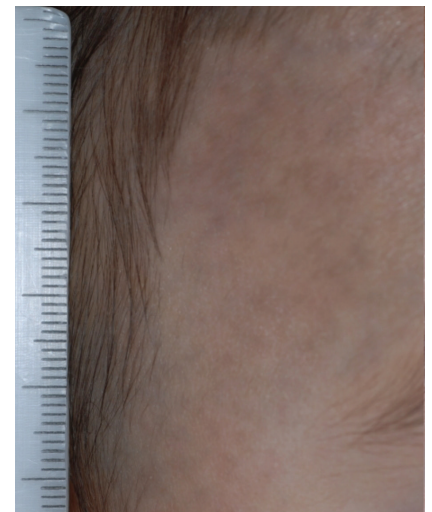
- 1 patient with nevus of ota had complete clearance after 4 treatments.
- 2 patients with Nevus of Ota had excellent clearance after 3 - 4 treatments.
- Patients with café au lait had fair to good clearance after 1-7 treatments.
- 1 Hori's macules patient was the most resistant w/fair response after 8 treatments.
- 2 patients developed hypopigmentation, a rate of 4.8% (2 out of 42 treatments)
- No PIH was observed.

## Conclusion:

- The new 755 nm picosecond system is effective for the treatment of benign pigmentary lesions in Chinese especially in the clearance of Nevus of Ota . There is little risk of hypopigmentation.



Nevus of Ota at Baseline



Post 1 Tx