

755 nm Picosecond Laser for Skin Rejuvenation in Chinese

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Study Design:

- 20 males or females aged 35-60 with signs of photodamage
- Preparation: optional topical anaesthetic (LMX4%) applied >30 min before treatment
- 6 treatments by 755nm picosecond diffractive lens array; 3-5 week intervals
- Treatment parameters: 0.71 J/cm², 6mm spot size, 10Hz, 4 passes
- After treatment: optional cool pad to ease the heat over treatment area
- Clinical photos: Taken at baseline, 1-month, 2-month, and 3-month follow-up visits by using standard photographing system (VISIA-CR)
- Objective evaluation: photo assessment by two trained physicians independently
- Subjective evaluation: treatment satisfaction was rated on Visual Analog Scale (VAS)

Results:

- This is an on-going study, up-to-date, 10 subjects (9 females, 1 male) are enrolled
- Mean age 48.6±8.0 (35 – 59)
- Fitzpatrick skin types: (III: 1, IV: 9)
- Glogau aging skin classification: (II Moderate: 4, III Advanced: 6)



Before

After 6 Tx



Before

After 6 Tx

Conclusion:

- The 755nm picosecond laser is safe and effective in the treatment of photoaging in Chinese.

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