



LASERS

SUCCESSFUL TREATMENT OF CUTENOUS AMYLOIDOSIS WITH LASERS: 10 CASE SERIES

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BACKGROUND: Primary cutaneous amyloidosis is a rare chronic dermatosis in India, but it is recalcitrant to medical line of treatment. It presents mainly as macular type and other common type is lichen. First has cosmetic problem due to hyperpigmentation. Lichen amyloid presents mainly over shins with moderate itching. Both are difficult to cure by available medical treatments like topical steroids, DMSO solutions, oral immunosuppressants. So, we tried lasers like ablative and fractional erbium and Q NDYAG lasers with better outcome.

OBSERVATION: We treated 10 cases of PCA. 6 cases belong to macular and 4 cases are lichen type.

Age group: 25-65 years. M:F ratio was 4:6. All had disease since few months to year. We treated macular type with multiple settings of both ablative and pigmentary lasers. In lichen type, we used 3mm & fractional erbium for 1-4 sittings. We gave oral endoxan 50 mg daily for few months in 7 cases.

KEY MESSAGE: Both type of amyloidosis responded to multiple laser sittings which did not respond to previous medical treatment. Combination therapy with cyclophosphamide 50 mg daily for few months gave better clearance of this refractory chronic dermatosis.

