



LASERS

LASER & IPL TREATMENT OF MOLLUSCUM, LUPUS TUMIDUS, VERRUCAE, AND OTHER NON-VASCULAR CONDITIONS

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Vascular lasers have gained an excellent reputation in the treatment of many vascular lesions. But furthermore, they have been effectively used in many other dermatological conditions including warts and molluscum, cutaneous lupus erythematosus, lupus tumidus, sebaceous hyperplasias, pyogenic granuloma, rosácea, hematomas and even basal cell carcinomas.

The effectiveness of lasers in patients with active CLE has been evaluated in numerous articles, in particular the value of pulsed dye laser (PDL), with clearance rates higher than 60%..

The selective thermal damage to dermal microvessels, which play an important role in the pathogenesis of CLE and other dermal conditions, is one of the main effects. . This modulates the inflammatory environment, leading to resolution of CLE lesions. Histologic examinations before and after PDL treatment demonstrate a statistically reduction in the dermal lymphocytic infiltrate in the papillary dermis, a reduction of the basal cell hydropic degeneration and a decrease of the expression of the intercellular adhesion molecule-1 (ICAM-1) and vascular cell adhesion molecule-1 (VCAM-1). PDL is an extremely safe technique that enables local therapy with few side-effects.

Diferent aplications of vascular lasers to non-vascular conditions will be discuss.

