

Desirable laser applications in dermatology

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Current laser applications in Dermatology

Vascular anomalies and cosmetic applications

- CO2-lasers
- YAG-lasers
- PDL-lasers
- Erbium-lasers
- Argon-lasers

Tumour diagnostic and treatment applications

- CO2-lasers
- Photodynamic diagnostics
- Photodynamic treatment
- Confocal microscopy

Desirable laser applications in Dermatology

- Thickness measurement of skin cancer (melanoma, basal cell carcinoma), diagnostic-choice of treatment
- Demarcation of morfea basalioma, surgery assistance
- Identifying level of cleavage in bullous dermatosis, diagnostic
- Measuring area and depth of leg ulcers, treatment evaluation
- Measuring oxygen tension in leg ulcer bed, diagnostic
- Fast and easy to use confocal microscopy as an in vivo diagnostic tool