

Contents

The Role of Skin Optics in Diagnostic and Therapeutic Uses of Lasers By S.L. Jacques (With 10 Figures)	1
Photodynamic Therapy in the Treatment of Diseases of the Skin By J.A.S. Carruth and S.R. Williams	22
The CO ₂ Laser in Dermatotherapy By M. Landthaler and U. Hohenleutner (With 1 Figure)	26
The Argon Laser in Dermatotherapy By M. Landthaler, U. Hohenleutner, G. Donhauser, and O. Braun-Falco (With 5 Figures)	44
Dye Laser for Benign Cutaneous Vascular Lesions: Clinical and Technical Development By O.T. Tan (With 5 Figures)	60
The Neodymium YAG Laser in Dermatology By F.A. Bahmer (With 7 Figures)	73
Treatment of Deep Located Haemangiomas with the Nd:YAG Laser (1064 nm) By C. Philipp, H.P. Berlien, and J. Waldschmidt (With 2 Figures)	85
Argon Laser Treatment of Port-Wine Stains and Quantitative Evaluation by Reflected Subject Color Analysis By R.A. Neumann, R.M. Knobler, and A. Lindmaier (With 3 Figures) ..	91
Fundamentals of Pulsed UV and Mid-infrared Laser Skin Ablation By R. Hibst and R. Kaufmann (With 9 Figures)	102
The ArF Excimer Laser in Dermatology By S.L. Jacques (With 6 Figures)	116
Pulsed UV and Mid-infrared Laser Skin Ablation: Experimental and First Clinical Results By R. Kaufmann and R. Hibst (With 7 Figures)	130
The Short Pulse Dye Laser in the Treatment of Port-Wine Stains By H. Stremper (With 4 Figures)	147

Future Aspects of Lasers in Dermatology By R. Steiner	154
Index of Contributors	159