

Chapters	Authors
A Basics	
1. Basic Laser Physics	Rudolf Steiner
2. Laser-Tissue Interactions	Rudolf Steiner, Karin Kunzi-Rapp
3. Intense Pulsed Light Technology (IPL)	Rudolf Steiner, Karin Kunzi-Rapp
B Indications	
4. Benign Tumors and Organoid Nevi	Stefan Hammes
5. Facial Rejuvenation and Other Clinical Applications of IPL	Peter Bjerring, Kaare Christiansen
6. Inflammatory Dermatoses: a) Acne b) Other than Acne: Angiolymploid Hyperplasia with Eosinophilia, Darier's Disease, Hailey-Hailey Disease, Lichen Sclerosus et Atrophicus, Lupus Erythematosus, Psoriasis, REM Syndrome (Reticular Erythematous Mucinosis), Sarcoidosis	Jeffrey Orringer, Mathew Ludgate (a) Pablo Boixeda (b)
7. Liposuction, laser-assisted	Boris Sommer, Dorothee Bergfeld
8. Photoepilation of Unwanted Hair Growth	Merete Haedersdal, Annesofie Faurschou
9. Pigmentation and Hypopigmentation a) Benign Pigmented Lesions b) Vitiligo and Other Disorders of Hypopigmentation	Henry Chan (a) Jean-Paul Ortonne, Thierry Passeron (b)
10. Precancerous Conditions and Malignant Tumors	Christian Raulin, Syrus Karsai, Laurenz Schmitt,
11. Scars, Keloids, Stretch Marks	Suzanne Kilmer, Hilda Justiniano, Andrea Willey
12. Tattoos	Syrus Karsai, Christian Raulin

13. Varicose Veins: Endovenous Laser Treatment	Serge Mordon
14. Vascular Lesions a) Common Vascular Lesions: Facial Telangiectasias, Leg Veins, Poikiloderma of Civatte, Spider Nevus / Venous Lake / Senile Angiomas b) Port Wine Stains c) Hemangiomas d) Rare Vascular Lesions: Angioblastoma, Angiokeratoma, Angioma Serpiginosum, Blue Rubber Bleb Syndrome, Glomus Tumor, Granuloma Pyogenicum, Lymphangioma / Hematolymphangioma, Osler's Disease, Venous Malformations	Emil Tanghetti, Mirko Mirkov, Rafael Sierra (a) Sean Lanigan (b) Hans-Peter Berlien (c) Sean Lanigan (d)
15. Viral Infections	Daisy Kopera
16. Wrinkles and Acne Scars a) Ablative and Non-Ablative Facial Resurfacing b) Technology-based Treatment of Peri-orbital Wrinkles c) Fractional Lasers: • Ablative • Non-Ablative	Kenneth Arndt, Jeffrey Dover, Melissa Bogle (a) Brian Biesman, Laurel Geraghty (b) Arielle Kauvar (c, <i>ablative fractional lasers</i>) Uwe Paasch (c, <i>non-ablative fractional lasers</i>)
C Special Aspects	
17. Complications in Laser Surgery and IPL Treatment	Christian Raulin, Syrus Karsai, Laurenz Schmitt
18. Cooling Techniques	Stefan Hammes
19. Ethical Considerations in Aesthetic Medicine	Giovanni Maio
20. Photodynamic Therapy	Markus Szeimies
21. Quality Standards in Aesthetic Medicine	Hans-Robert Metelmann, Peter Waite, Stefan Hammes

22. Safety / Eye Protection	Wolfgang Bäumlér
D Afterword	
23. The Business of Laser Surgery	Christopher Zachary
24. The Past, Present, and Future in Cutaneous Laser Medicine	Dieter Manstein, Rox Anderson
25. The Hall of Shame	Christopher Zachary