Contents

Section 1: Conventional Laser Interventions

1. Basics of Laser-Tissue Interactions 3
2. Ablative Lasers 25
   - *Overview 25*
   - *Ablative Laser Treatment of Common Conditions 52*
   - *Step by Step Approach 86*
   - *Atlas 93*
3. Pigmented Lesions and Tattoos 101
   - *Overview 101*
   - *Lasers For Tattoo Removal 115*
   - *Laser Treatment of Common Pigmented Conditions 131*
   - *Step by Step Approach 160*
   - *Atlas 163*
4. Fractional Photothermolysis 172
   - *Overview 172*
   - *Laser Treatment of Common Conditions 204*
   - *Step by Step Approach 229*
   - *Atlas 233*
5. Vascular Lasers 236
6. Lasers for Hair Removal 252

Section 2: Advanced Laser Interventions

7. Nonablative and Subsurface Rejuvenation 275
   - *Step by Step Approach 291*
8. Nonsurgical Tightening 294
9. Aesthetic Intense Focused Ultrasound (IFUS): Clinical Perspective on Fitzpatrick Skin Types III–VI 319
10. Noninvasive Body Contouring 336
11. Lasers for Scars, Keloids and Stretch Marks 361

Section 3: Practical Aspects and Advances

12. Miscellaneous Laser Responsive Disorders 379
13. How to Start a Laser Practice (Private Set-up) 416
14. How to Set-up a Laser Clinic in a Public-funded Institution 421
15. Therapeutic Pearls in Lasers 432
16. Medicolegal Aspects of Lasers in Dermatological Practice 441
17. Complications and their Management 455
18. New Aspects and Controversies in Lasers 471

Appendices

Appendix 1: Laser Safety/Eye Care 493
Appendix 2: Consent Form 504
Appendix 3: Procedure Checklist 506
Appendix 4: Postoperative Care 507
Appendix 5: Sample Operative Note 512
Appendix 6: Sample Postoperative Instructions (Ablative Lasers) 513
Appendix 7: Patient Information Sheet 514
Appendix 8: Local Anesthetics 528
Appendix 9: Select Bibliography 538

Laser and Medical Devices (Index) 541
Index 543