

Contents

List of Contributors *vii*

- 1 **The Embryogenesis of the Skin** 1
Jasem Alshaiji
- 2 **Basic Structure and Function of the Neonatal, Infantile, and Childhood Skin** 13
Nawaf Almutairi
- 3 **Approach to the Child as a Patient** 23
Nawaf Almutairi
- 4 **Preoperative and Postoperative Care of Children Undergoing Pediatric Dermatology Procedures** 31
Alanna F. Bree
- 5 **The Pediatric Surgical Tray** 37
V.M. Carlberg and J.L. Fewkes
- 6 **Anesthesia for Children** 49
Marcia Hogeling
- 7 **Skin Biopsy Techniques** 63
Grace Sun
- 8 **Common Pediatric Dermatologic Surgery Procedures** 73
Meagan Barrett, Nicole Harter, and Ashley Wysong
- 9 **Suturing Techniques** 93
Israel D. Andrews, Jennifer J. Schoch, and Kathryn Ann Potter
- 10 **Wound Closure Technique** 105
Daniel Belkin and Ashley Wysong
- 11 **Wound Closure Material** 115
V.M. Carlberg and J.L. Fewkes
- 12 **Dressings** 125
Grace Sun

- 13 **Nail Surgery** 131
Jane Sanders Bellet
- 14 **Complications of Surgery and Invasive Procedures** 143
Yoon Cohen and Harper N. Price
- 15 **Improving Scars** 161
Harper N. Price and Maria Princesa P. Curtis
- 16 **Special Dermatologic Surgery** 171
Ramin Fathi, James William Behan, and Meena Julapalli
- 17 **Lasers for Vascular Lesions** 189
Nawaf Almutairi and Jasem Alshaiji
- 18 **Lasers for Scars and Striae** 197
Sebastian Verne, Robert Magno, Ariel Eber, Marina Perper, Ibrahim Alomair, Abdulkareem Alfuraih, Mana Alharbi, and Keyvan Nouri
- 19 **Lasers for Acne** 207
Mohammad-Ali Yazdani Abyaneh, Robert D. Griffith, Leyre Falto-Aizpurua, Harleen Arora, and Keyvan Nouri
- 20 **Laser for Verrucae** 223
Ariel Eber, Marina Perper, Sebastian Verne, Robert Magno, Mana Alharbi, Ibrahim Alomair, Abdulkareem Alfuraih, Ali Rajabi-Estarabadi, and Keyvan Nouri
- 21 **Lasers and Lights for Onychomycosis** 229
Elizabeth Yim, Leyre A. Falto-Aizpurua, Jennifer Ledon, and Keyvan Nouri
- 22 **Lasers for Pigmented Lesions** 241
Harleen Arora, Leyre Falto-Aizpurua, Ali Rajabi-Estarabadi, and Keyvan Nouri
- 23 **Lasers for Tattoos** 257
Stephanie Mlacker, Leyre Falto-Aizpurua, Colin McNamara, and Keyvan Nouri
- 24 **Lasers for Hair Removal** 273
Fleta Netter Bray, Leyre Falto-Aizpurua, Robert D. Griffith, Brian Simmons, Ali Rajabi-Estarabadi, and Keyvan Nouri
- 25 **Lasers for Other Specific Dermatologic Disorders** 289
Leyre Falto-Aizpurua, Mohammad-Ali Yazdani Abyaneh, Harleen Arora, Robert D. Griffith, Ali Rajabi-Estarabadi, and Keyvan Nouri
- 26 **Medical Ethics and Bioethics in Pediatric Dermatology** 303
Katlein França, Tulsie Narendra Patel, Shailee Bipin Patel, and Keyvan Nouri
- Index** 315