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Titolo	Image-Guided Aesthetic Treatments // Robert L. Bard, editor
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ISBN	3-031-36266-7
Edizione	[First edition.]
Descrizione fisica	1 online resource (320 pages)
Disciplina	617.9178
Soggetti	Computer-assisted surgery Surgery, Plastic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Industry Review of the Aesthetic Industry -- 2. Facial Danger Zones – Ultrasound Anatomy -- 3. Intense Pulse Light Technologies for Aesthetic Procedures and Beyond -- 4. Facial Danger Zones in Aesthetics -- 5. 4D Facial Nerve Biomicroscopy -- 6. Facial Rejuvenation/Non-Surgical Procedures -- 7. Dermal Fillers for Facial Rejuvenation -- 8. Into the World of Laser Resurfacing -- 9. Low-Level Light Therapy with LEDs -- 10. Tips and Tricks for Intense Pulse Light Treatment -- 11. Aesthetic treatments with Focused Ultrasound -- 12. Non-Surgical Aesthetics for Facial Rejuvenation and Hair Restoration using autologous PRP and Adipose Tissue Concentrate -- 13. Body Sculpting -- 14. Image Guided Breast Oncologic Treatment -- 15. Image Guided Superficial Radiotherapy and Other Non-Invasive Modalities Used in the Treatment of Non-Melanoma Skin Cancer and Keloids -- 16. Aesthetic Podiatric Sonography -- 17. Holistic Integrative Dentistry: Looking Good Versus Functioning Well -- 18. Full-Arch Implant Rehabilitation (FAIR): A Single-Visit Protocol for Restoring Function and Esthetics in Partially and Fully Edentulous Patients -- 19. Cardiac Ablation- Energy sources and delivery platforms.
Sommario/riassunto	This book offers a detailed and up-to-date overview of image-guided aesthetic treatments. A wide range of aesthetic image-guided procedures in different body regions are described in more than twenty

chapters. For each procedure, the benefits of image guidance are identified and its use is clearly explained. The coverage includes all the major tools commonly employed by today's aesthetic and plastic surgeons, such as spectral imaging, laser, microfocused ultrasound, and radiofrequency technologies. Image guidance of aesthetic treatments has a variety of benefits: Image-guided treatment by means of non-surgical or minimally invasive modalities greatly reduces patient anxiety and the likelihood of postoperative disfigurement. Image guidance allows the physician to measure the skin thickness and the depth of fat tissue and to evaluate the elasticity of the skin and subcutaneous tissues, improving thermal treatment outcomes. It can also map the arteries, veins, and nerves, thereby providing preoperative landmarks and permitting reduction of postoperative bleeding and avoidance of nerve damage. Furthermore, imaging can non-invasively identify subdermal fillers or implants, assisting in the identification of migration with attendant vascular compromise or nerve entrapment. Image-Guided Aesthetic Treatments will be a valuable guide and reference not only for aesthetic practitioners, plastic surgeons, and other specialists, but also for imaging technicians and interested laypersons.

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