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Titolo	Fat removal : invasive and non-invasive body contouring // edited by Mathew M. Avram
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Nota di contenuto	Cover; Title Page; Copyright; Contents; List of contributors; Abbreviations; Chapter 1 Introduction; Anatomy and physiology of adipose tissue; White adipose tissue; Brown adipose tissue; Adipogenesis: from stem cell to fat cell; Summary; References; Chapter 2 Facial fat: anatomy and implications for rejuvenation; Introduction; Aging changes in multiple structural tissues; Skin; Muscle; Bone; Fat; Summary; Conclusions/future directions; References; Chapter 3 Histology and pathology of subcutaneous tissue; White adipose tissue; Histology; Physiology; Growth and regulation; Brown adipose tissue HistologyPhysiology; Tumors of fat; Panniculitis; Septal panniculitis; Lobular panniculitis; Panniculitis induced by cosmetic procedures; References; Chapter 4 Injectable treatments for fat and cellulite; Introduction; Clarification of terms and history; Lipolysis, injection lipolysis, pharmaceutical lipoplasty, adipolysis, and adipolytic therapy; Brief history of mesotherapy, Lipostabil®, Lipodissolve®, and the role of the compounding pharmacy; Clarifying the roles of deoxycholate and phosphatidylcholine; The PC hypothesis; Focus on DC; Detergents and tissue interactions

Mechanism of fat reduction and further implications on efficacy and safety
The fate of adipolytic therapy; LIPO-102 and related lipolytic agents; Injectables for cellulite; Conclusions; References; Chapter 5 The architecture of cellulite; Introduction; What defines cellulite?; Sexually dimorphic skin architecture; Altered connective tissue septae; Vascular changes; Inflammatory factors; Gender differences in lipid metabolism; What type of fat is cellulite made of?; Other factors; Conclusion; References; Chapter 6 Cellulite treatment; Brief overview of cellulite; Cellulite anatomy
Cellulite grading
Approach to a patient with cellulite; Recent advances and controversies in cellulite treatment; TriActive in the treatment of cellulite; Treatment protocol; VelaSmooth and VelaShape; Mechanism of action; Treatment protocol; SmoothShapes; Mechanism of action; Treatment protocol; Use of RF devices for the treatment of cellulite; Mechanism of action; Accent; Treatment protocol; Thermage; Treatment protocol; Other laser devices for the treatment of cellulite; Conclusion; References; Chapter 7 Cooling for fat; Introduction; Cryolipolysis; Preclinical studies
Proposed mechanism of action
Clinical effects of cryolipolysis; Patient selection; Consultation; Preoperative procedures/considerations; Pearls; Complications: how to avoid them and how to treat them; Postoperative care/considerations; Summary; References; Chapter 8 Laser lipolysis and laser-assisted liposuction; Introduction; History of laser lipolysis; Wavelength and pulse duration; Indications and patient selection; Laser lipolysis procedure; Complications; Skin effects; Summary; References; Chapter 9 Soft tissue augmentation for facial lipoatrophy and volumization; Introduction
Hyaluronic acid derivatives

Sommario/riassunto

"The perception of an inadequate body shape is a cause of concern to many people, and new techniques for altering body shape are increasingly being developed and offered to patients. Of these, the removal and transfer of fat is fast growing in importance and availability. This practical guide offers a comprehensive overview of this rapidly-evolving field, and thorough coverage of the implementation of fat removal techniques, both invasive and non-invasive, in a cosmetic practice. It begins with an overview of basic fat anatomy and physiology as an important introduction to this topic. The distinction between the physiology and treatment of cellulite and fat is also discussed. The next section of the book covers invasive treatments of fat such as traditional liposuction, laser-assisted liposuction, fat transfer procedures and mesotherapy. The latter half of the book largely focuses on non-invasive treatments for fat, including radiofrequency, ultrasound, cooling and laser technologies for fat removal. Throughout, potential complications and pitfalls of the various treatments are discussed. Edited by Matthew Avram, with contributions from a group of clinical stars, this book will appeal to cosmetic dermatologists, plastic surgeons, aesthetic medical practitioners, and obstetricians/gynaecologists"--Provided by publisher.
