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Titolo	Facial Plastic and Reconstructive Surgery / / by: Papel, Ira D., Frodel, John L., Holt, G. Richard, Larrabee Jr., Wayne F., Nachlas, Nathan E., Park, Stephen S., Sykes, Jonathan M., Toriumi, Dean M.
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Soggetti	Face - Surgery Surgery, Plastic Face - surgery Cosmetic Techniques Reconstructive Surgical Procedures
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Facial Plastic and Reconstructive Surgery; Media Center Information; Title Page; Copyright; Contents; Menu of Accompanying Videos; Foreword; Preface; Acknowledgments; Contributors; Chapter 1: Structure and Function of the Skin; Chapter 2: Wound Healing; Chapter 3: Scar Revision; Chapter 4: Synthetic and Biologic Implants; Chapter 5: Fundamentals of Tissue Engineering; Chapter 6: Lasers in Facial Plastic Surgery; Chapter 7: Aesthetic Facial Proportions; Chapter 8: Computer Imaging for Facial Plastic Surgery; Chapter 9: Photography in Facial Plastic Surgery Chapter 10: Ethics in Facial Plastic Surgery Chapter 11: Ambulatory Surgical Facility; Chapter 12: Evidence-based Medicine for Facial Plastic Surgeons; Chapter 13: Aesthetic Facial Analysis; Chapter 14: Rhytidectomy; Chapter 15: Endoscopic Forehead and Midface Lift; Chapter 16: Upper Eyelid Blepharoplasty; Chapter 17: Lower Eyelid Rejuvenation and Blepharoplasty; Chapter 18: Liposuction of the Face

and Neck: The Art of Facial Sculpture; Chapter 19: Dermabrasion, Chemical Peels, and Dermaceuticals; Chapter 20: Ablative Laser Facial Skin Rejuvenation

Chapter 21: Nonablative Facial Skin RejuvenationChapter 22: Neuromodulators in Facial Aesthetics; Chapter 23: Injectable Fillers of the Face; Chapter 24: Complementary Fat Grafting; Chapter 25: Aesthetic Mandibular Implants; Chapter 26: Aesthetic Facial Implants; Chapter 27: Surgical Approaches to the Midface Complex; Chapter 28: Hair Restoration; Chapter 29: Otoplasty; Chapter 30: Cosmetic Surgery of the Asian Face; Chapter 31: Facial Analysis of the Rhinoplasty Patient; Chapter 32: Rhinology in Rhinoplasty; Chapter 33: Philosophy and Principles of Rhinoplasty; Chapter 34: Open Rhinoplasty Chapter 35: Management of the Bony Nasal VaultChapter 36: Management of the Middle Vault; Chapter 37: Surgery of the Nasal Tip: Endonasal Approach; Chapter 38: Surgery of the Nasal Tip: Vertical Dome Division; Chapter 39: Secondary Rhinoplasty; Chapter 40: Rhinoplasty in Children; Chapter 41: East Asian Rhinoplasty; Chapter 42: Rhinoplasty in the Patient of African Descent; Chapter 43: Costal Cartilage Harvest and Preparation for Rhinoplasty; Chapter 44: Complications in Rhinoplasty; Chapter 45: Reconstructive Surgery of the Nasal Septum Chapter 46: Nasal Septal Perforation: Prevention, Management, and RepairChapter 47: Diagnosis and Treatment of Cutaneous Malignancies; Chapter 48: Minimally Invasive Options and Principles for Cutaneous Reconstruction; Chapter 49: Local and Regional Cutaneous Flaps; Chapter 50: Tissue Expansion in Facial Reconstruction; Chapter 51: Microvascular and Regional Flaps in Head and Neck Reconstruction; Chapter 52: Mandibular Reconstruction and Osseointegrated Dental Implants; Chapter 53: Major Nasal Reconstruction; Chapter 54: Auricular Reconstruction; Chapter 55: Lip Reconstruction Chapter 56: Eyelid Reconstruction

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Autore	Hauschke Dieter
Titolo	Bioequivalence studies in drug development : methods and applications // Dieter Hauschke, Volker Steinijans, Iris Pigeot
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Descrizione fisica	1 online resource (330 p.)
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Soggetti	Drugs - Therapeutic equivalency
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Nota di contenuto	Bioequivalence Studies in Drug Development; Contents; Preface; 1 Introduction; 1.1 Definitions; 1.1.1 Bioavailability; 1.1.2 Bioequivalence; 1.1.3 Therapeutic equivalence; 1.2 When are bioequivalence studies performed; 1.2.1 Applications for products containing new active substances; 1.2.2 Applications for products containing approved active substances; 1.2.3 Applications for modified release forms essentially similar to a marketed modified release form; 1.3 Design and conduct of bioequivalence studies; 1.3.1 Crossover design and alternatives; 1.3.2 Single- vs. multiple-dose studies 1.3.3 Pharmacokinetic characteristics1.3.4 Subjects; 1.3.5 Statistical models; 1.3.5.1 Average bioequivalence; 1.3.5.2 Population bioequivalence; 1.3.5.3 Individual bioequivalence; 1.3.6 Sample size; 1.4 Aims and structure of the book; References; 2 Metrics to characterize concentration-time profiles in single- and multiple-dose bioequivalence studies; 2.1 Introduction; 2.2 Pharmacokinetic characteristics (metrics) for single-dose studies; 2.2.1 Extent of

bioavailability; 2.2.2 Rate of bioavailability; 2.3 Pharmacokinetic rate and extent characteristics (metrics) for multiple-dose studies
2.4 ConclusionsReferences; 3 Basic statistical considerations; 3.1 Introduction; 3.2 Additive and multiplicative model; 3.2.1 The normal distribution; 3.2.2 The lognormal distribution; 3.3 Hypotheses testing; 3.3.1 Consumer and producer risk; 3.3.2 Types of hypotheses; 3.3.2.1 Test for difference; 3.3.2.2 Test for superiority; 3.3.2.3 Test for noninferiority; 3.3.2.4 Test for equivalence; 3.3.3 Difference versus ratio of expected means; 3.3.3.1 The normal distribution; 3.3.3.2 The lognormal distribution; 3.4 The RT/TR crossover design assuming an additive model
3.4.1 Additive model and effects3.4.2 Parametric analysis based on t-tests; 3.4.2.1 Test for difference in carryover effects; 3.4.2.2 Test for difference in formulation effects; 3.4.2.3 Test for difference in period effects; 3.4.3 Nonparametric analysis based on Wilcoxon rank sum tests; 3.4.3.1 Test for difference in carryover effects; 3.4.3.2 Test for difference in formulation effects; 3.4.3.3 Test for difference in period effects; References; 4 Assessment of average bioequivalence in the RT/TR design; 4.1 Introduction; 4.2 The RT/TR crossover design assuming a multiplicative model
5 Power and sample size determination for testing average bioequivalence in the RT/TR design

Sommario/riassunto

Studies in bioequivalence are the commonly accepted method to demonstrate therapeutic equivalence between two medicinal products. Savings in time and cost are substantial when using bioequivalence as an established surrogate marker of therapeutic equivalence. For this reason the design, performance and evaluation of bioequivalence studies have received major attention from academia, the pharmaceutical industry and health authorities. Bioequivalence Studies in Drug Development focuses on the planning, conducting, analysing and reporting of bioequivalence studies, covering all aspects r