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Titolo	Surgery-First Orthodontic Management [[electronic resource]] : A Clinical Guide to a New Treatment Approach / / by Chai Kiat Chng, Narayan H. Gandedkar, Eric J. W. Liou
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Nota di contenuto	Introduction to Surgery-first orthognathic approach -- Diagnosis and treatment planning of Surgery-first orthognathic approach -- Biological principles and responses to Surgery-first orthognathic approach -- Biomechanical principles of surgery-first orthognathic approach -- Orthodontic management -- Surgical management -- Management of skeletal Class I malocclusion with surgery-first orthognathic approach -- Management of skeletal Class II malocclusion with surgery-first orthognathic approach -- Management of skeletal Class III malocclusion with surgery-first orthognathic approach -- Management of skeletal asymmetry with surgery-first orthognathic approach -- Pre- and post-surgery patient care checklist -- Potential Complications and management -- Outcome assessment of surgery-first orthognathic approach -- Future of surgery-first orthognathic approach. .
Sommario/riassunto	This book is a comprehensive guide to the surgery-first orthognathic approach (SFOA), which overcomes the problem of the very prolonged treatment period associated with conventional orthognathic surgery by

avoiding the presurgical phase. The shorter duration of the treatment is due to a phenomenon triggered by the surgery, termed the regional acceleratory phenomenon, whereby higher osteoclastic activity and metabolic changes at the dentoalveolar level accelerate postoperative orthodontic tooth movement. In this book, readers will find in-depth discussion of integration of the basic biological principles of SFOA with sound biomechanical doctrines. The authors' own treatment protocol for surgical and orthodontic management is fully explained. Diagnosis and treatment plans are presented for various skeletal maxillofacial deformities, and key considerations in pre- and postsurgical patient care are highlighted. Detailed attention is given to complication management and to the impact of recent advances such as 3D image integration, virtual surgical planning, and rapid prototyping of surgical wafers. This richly illustrated book will be an ideal resource and quick reference guide for orthodontists at all levels of experience.
