1. Record Nr. UNINA9910416132103321 Autore Erverdi Nejat Titolo Alveolar Distraction Osteogenesis: The ArchWise Appliance and Technique / / by Nejat Erverdi, Melih Motro Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 **ISBN** 3-030-49781-X Edizione [2nd edition.] Descrizione fisica 1 online resource (XIV, 162 pages, 139 illustrations, 121 illustrations in color) Disciplina 617.69 Soggetti Oral surgery **Prosthodontics** Dentistry Cirurgia oral Creixement dels ossos Cirurgia maxil·lofacial Malformacions de la boca Malformacions dentals Odontologia Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia

Note generali Includes index.

Sommario/riassunto

The second edition of this comprehensive book describes a new alveolar distraction osteogenesis method that offers important advantages and can be used for the treatment of various orthopedic abnormalities and congenital malformations. Detailed guidance is provided on the selection of suitable candidates for alveolar distraction, including those with cleft lip and palate, with severe bone defects, skeletal class II malocclusions and cystic lesions involving the alveolus. All aspects of treatment using the ArchWise distraction appliance are then covered, including technical preparation, surgical set-up and osteotomies, docking site surgery, orthodontic finishing, implant placement and prosthetic restorations. Detailed information on the

principles of distraction osteogenesis, bone histology and molecular interactions during the procedure is also provided. The book concludes with helpful case presentations covering different scenarios in which treatment with alveolar distraction osteogenesis is advisable. Given the nature of its content, the book will be of interest to all oral and maxillofacial surgeons, orthodontists and restorative dentists.