

1. Record Nr.	UNINA9910138993503321
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Titolo	Handbook of orthognathic treatment : a team approach // Ashraf Ayoub [and five others] ; cover design by Sandra Heath
Pubbl/distr/stampa	Chichester, England ; ; Hoboken, New Jersey : , : Wiley-Blackwell, , 2014 ©2014
ISBN	1-118-70949-7 1-118-75169-8 1-118-70943-8
Descrizione fisica	1 online resource (194 p.)
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Disciplina	617.643
Soggetti	Orthodontics - Treatment Mouth - Surgery Facial bones - Surgery Patients - Psychology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Title page; Copyright page; Contents; List of authors; Foreword; Preface; 1: Psychological considerations for the orthognathic patient; 1.1 Psychological issues associated with facial appearance; 1.2 Psychological assessment; 1.2.1 Patient perception of the presenting clinical problem; 1.2.2 Patient expectation of treatment; 1.2.3 Patient motivation for treatment; 1.2.4 Patient's psychological status; 1.2.5 Outcome from psychological assessment; 1.3 Advice on management of patients following assessment; 1.4 Red flag and amber flag patients; 1.4.1 Red flags; 1.4.2 Amber flags 1.5 Psychological therapeutic input to patients during treatment1.5.1 Pre-surgical orthodontics; 1.5.2 Surgical planning stage - patient preparation for surgery; 1.5.3 Psychological input following surgery; 1.6 Conclusion; 1.7 References; 2: Dentofacial assessment; 2.1 Introduction; 2.2 General assessment; 2.2.1 Patient's concerns; 2.2.2 Medical, dental and social history; 2.2.3 History of dentofacial

dysmorphology; 2.2.4 Stature and body form; 2.3 Facial assessment; 2.3.1 Lateral view; 2.3.2 Frontal view; 2.3.3 Bird's eye view; 2.3.4 Worm's eye view; 2.4 Intra-oral assessment
2.4.1 Dental arches 2.4.2 Teeth in occlusion; 2.4.3 Soft tissues; 2.5 Diagnostic records; 2.5.1 Protocol for collection of basic records; 2.5.2 Role of diagnostic records; 2.6 Cephalometrics for orthognathic patients; 2.6.1 Gross inspection; 2.6.2 Qualitative analysis; 2.6.3 Quantitative analysis; 2.6.4 Superimposition; 2.7 Special investigations; 2.7.1 Condylar hyperplasia; 2.7.2 Acromegaly; 2.8 Summary; 2.9 Recommended further reading; 3: The treatment planning process; 3.1 Introduction; 3.2 Three fundamental planning steps; 3.2.1 Envisaging the desired aesthetic changes
3.2.2 Deciding on the required jaw movements 3.2.3 Planning orthodontics to allow the required jaw movements; 3.3 Four keys to dento-skeletal planning; 3.3.1 Upper incisor and maxillary position; 3.3.2 Occlusion and mandibular position; 3.3.3 Maxillo-mandibular complex rotation; 3.3.4 Chin position; 3.4 Final surgical planning; 3.4.1 Final planning steps; 3.4.2 Photo-cephalometric prediction; 3.4.3 Model surgery; 3.5 Summary (Figure 3.8); 3.6 Recommended further reading; 4: The role of orthodontics; 4.1 Introduction; 4.2 Pre-surgical orthodontics; 4.2.1 Factors affecting incisor decompensation
4.2.2 Control of incisor decompensation 4.2.3 Vertical tooth movements; 4.2.4 Transverse tooth movements; 4.2.5 Orthodontic preparation for segmental surgery; 4.2.6 Progress monitoring; 4.3 Peri-operative orthodontics; 4.3.1 Fixed appliance preparation for surgery; 4.3.2 Inter-maxillary fixation; 4.3.3 The occlusal wafer; 4.3.4 Orthodontic procedures in theatre; 4.4 Post-surgical orthodontics; 4.4.1 Post-surgical healing phase; 4.4.2 Post-surgical tooth movement; 4.4.3 Retention; 4.5 Surgery before orthodontics; 4.5.1 Advantages; 4.5.2 Disadvantages; 4.6 Surgery without orthodontics
4.7 Complications of orthodontic treatment

Sommario/riassunto

This handbook provides a short, contemporary text on the management of dentofacial deformities. The importance of a well organised, inter-disciplinary approach is emphasised throughout and the following key areas are presented: A detailed account of the role of the psychologist, from initial assessment through to post-operative support. A systematic approach to dentofacial assessment, including a section on diagnostic records and an overview of cephalometry. A logical step-by-step approach to treatment planning, emphasising the interactive thought process required
