

BOOK REVIEW

The Management of Temporomandibular Disorders and Occlusion

Jeffrey P Okeson; 5th Edition; ISBN 0-323-01477-1; Mosby; 2003; £56.99

Professor Okeson has published widely in the field of facial pain and temporomandibular dysfunction (TMD). He has modified the fourth edition of 'The Management of Temporomandibular Disorders and Occlusion' with this fifth edition by updating the references, discussing the aetiology of TMD in more detail and including new treatment options such as physical self regulation and Botox injections. This fifth edition is well written, comprehensive and beautifully illustrated. It is 669 pages long, includes black and white illustrations and there are over 1850 references cited throughout the text.

The book is split into four roughly equal sized sections. Part one has six chapters and reviews the basic anatomy and physiology of the masticatory system. Chapter one discusses the functional anatomy and biomechanics of the masticatory system, chapter two the functional neuroanatomy and physiology of the masticatory system, chapter three the alignment and occlusion of the dentition, chapter four the mechanics of mandibular movement, chapter 5 the criteria for optimal functional occlusion and chapter 6 the determinants of occlusal morphology. This section provides information on the basic sciences relevant to the masticatory system.

Part two is dedicated to the aetiology and identification of functional disturbances in the masticatory system. In total there are four chapters with chapter 7 describing the causes of functional disturbances of the masticatory system, chapter 8 the signs and symptoms of temporomandibular disorders, chapter 9 the history and examination of temporomandibular disorders and

chapter 10 the diagnosis of temporomandibular disorders. This section provides a valuable guide into the identification of masticatory disorders.

Part three outlines the treatment of functional disturbances of the masticatory system. In total there are six chapters with chapter 11 outlining general considerations in treatment, chapter 12 the treatment of masticatory muscle disorders, chapter 13 the treatment of temporomandibular disorders, chapter 14 the treatment of chronic mandibular hypomobility and growth disorders, chapter 15 occlusal splint therapy and chapter 16 treatment sequencing.

Part four is dedicated to occlusal therapy. In total there are four chapters with chapter 17 outlining general considerations in occlusal therapy, chapter 18 the use of articulators, chapter 19 selective grinding and chapter 20 restorative considerations in occlusal therapy.

The appendix contains a number of useful algorithms for the diagnosis of masticatory muscle and TMJ disorders.

I would not hesitate in recommending this book to any student or practitioner interested in occlusion and the management of TMD. The text is very well written, organized nicely by headings and is well illustrated. This is probably one of the most comprehensive and up-to-date reviews of TMD and occlusion and I would recommend this book for inclusion into any library.

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