

Second Edition

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Textbook of Orthodontics

has been written to simplify the understanding of the orthodontic concepts for the students at undergraduate level who find themselves helpless when the subjects of orthodontics and the growth of craniofacial skeleton are discussed. An attempt has been made to explain the concepts in a simple language.

This edition of the textbook, with revised text and layout, aims to help the students in diagnosing an orthodontic problem and classifying its severity so that they are able to manage the condition or guide the patient for comprehensive management by an orthodontist.

Many new concepts have been introduced in the field of orthodontics and briefly incorporated in the text, especially early treatment, lasers, microimplants, white spot lesions, evidence-based dentistry, etc. The book focuses on the clinical aspects of the orthodontic conditions and their development as these concepts are to be learnt and understood by the students for their clinical practice.

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Textbook of Orthodontics

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QR code to access online CBS Catalogue

ISBN: 978-93-5466-033-7



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Sandeep Goyal



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Orthodontics

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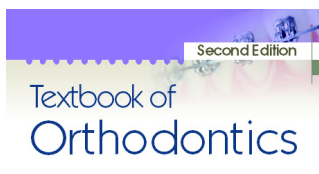


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ISBN: 978-93-5466-033-7

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Second Edition: 2022

First Edition: 2015

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Published by Satish Kumar Jain and produced by Varun Jain for

CBS Publishers & Distributors Pvt Ltd

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Printed at Goyal Offset Works Pvt. Ltd, Haryana, India

to
my family
and
my teachers

Preface to the Second Edition

Textbook of Orthodontics has been written to simplify the understanding of the orthodontic concepts for the students at the undergraduate level. The undergraduate students find themselves helpless when the subjects of orthodontics and the growth of craniofacial skeleton are discussed. An attempt has been made to explain the concepts in a simple language. A lacuna was also observed about the understanding by the students about the development of dentition and we have tried to explain this in the simplest possible terms.

This book will also help the students to diagnose an orthodontic problem and classify its severity so that they are able to either manage the condition or to guide the patient for comprehensive management by the orthodontist.

During the last few decades, a number of new concepts have been introduced in the field of orthodontics. In this book, we have briefly incorporated some of them, especially early treatment, lasers, microimplants, white spot lesions, evidence-based dentistry, etc. to keep students abreast with the latest knowledge, but due to lack of space we are not able to explain them in details. Our most efforts were concentrated on the clinical aspects of the orthodontic conditions and their development because practically these concepts are to be learnt and understood by the students for their clinical practice.

We are grateful to our friends whose wishes, suggestions and contributions are of immense value to this book. Also, the tireless effort of the staff of CBS Publishers & Distributors, New Delhi, to bring the book in its present form is commendable. At the end of the book, we have also incorporated a list of books and/or articles for further reading, if more information is sought by the reader.

No compilation is devoid of drawbacks and mistakes. Therefore, we request our readers to provide their constructive and encouraging responses. Their valuable suggestions will help for further improvement of this book.

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Acknowledgements

I bow my head to the Almighty and my Guru Ji for providing me the strength to take this task.

I sincerely thank my teacher, Prof DN Kapoor (former, Professor and Head, Department of Orthodontics, and Dean, Faculty of Dental Sciences, KGMC, Lucknow; and Principal and Director, Kothiwal Dental College, Moradabad), whose immense and valuable guidance, persistent efforts and continuous inspiration have helped me in achieving this goal. His critical thinking, constructive criticism, discipline and his fatherly attitude towards every student always inspired me during my postgraduation days, and left a long-lasting effect on me.

My teachers, Prof VP Sharma, and Prof Pradeep Tandon, had always been on my side to help me at every moment of need, and their immense guidance during my postgraduation at King George's Medical College, Lucknow, helped me to get knowledge of orthodontics. My teachers have always been an immense source of inspiration to me and their influence will be there throughout my life.

I cannot forget to acknowledge my teacher, Late Dr VK Grover, Ex-Principal, Govt. Dental College, Rohtak, who gave me the first idea what orthodontics is, and guided me well for undergraduate practical and theoretical training.

I wish to thank my teacher Dr Prof Sanjay Tewari, Principal, Pt BD Sharma Govt. Dental College, Rohtak, who taught me during my undergraduation and influenced me by his sheer dedication to his work and dentistry. He always motivated me directly and indirectly and has always guided me for all my endeavors. I also thank Dr Sandhya Maheshwari, Professor of Orthodontics, Aligarh Muslim University, for her teaching and guidance at Rohtak. I wish to give special words of thanks to Dr Sanjay Mittal, who always selflessly guided me during my learning phases of the orthodontic problems and their solutions at Govt. Dental College, Rohtak.

I thank my parents and all my family members and especially my kids without whose support and blessings I had not been able to complete this book.

I thank my seniors (Dr GK Singh, Dr Bagga, Dr Mona, Dr TP Chaturvedi, Dr Gera, Dr Gujar, Dr Priyank Rai, Dr Deepa, Dr Seema Sheoran, Dr Mridula, to name a few), my batch mates (Dr Pradeep Raghav, Dr Shyaka, Dr Abha, Dr Deepali) and the juniors (Dr Sanjeev, Dr Deepak, Dr Rekha and others) and my friends (Dr Arti, Dr Gopal K Kataria, Dr Shruti Mittal), and the UG and PG students whom I taught for their help and wishes, the contributions and suggestions.

I wish to thank Dr Kamal Kapoor, from ITS-CDSR, who provided me many pictures of his pre-clinical exercise work to be incorporated in the book, and Dr Prajeesh Padmanabhan for his constant support.

I appreciate the immense efforts put in place by the staff of CBS Publishers & Distributors, New Delhi, to bring out the book in its present form. The nice art work by their artists and the arrangement of text in the manuscript have added value to the presentation of the book. I wish to thank Mr YN Arjuna for his constant advice.

Last but not the least, I wish to thank all those the names whom I could not incorporate here, but who have in one way or the other helped me in compiling this book.

Sandeep Goyal

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