

# *Textbook of Orthodontics*

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# *Textbook of Orthodontics*

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**Second Edition**

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### **Textbook of Orthodontics**

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*To*  
*My Parents*  
*and*  
*My Teacher*  
*Dr V Surendra Shetty*



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# *Preface to the Second Edition*

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The *Textbook of Orthodontics* was written with the purpose— “to let the dentist be able to diagnose an orthodontic problem as and when a patient presents himself/herself and to be able to guide the patient if and when orthodontic intervention is required”. The resounding sale of the textbook and the response from our readers was not only encouraging but also a motivation by itself. Hence, the second edition.

We are grateful to the senior faculty in the field of orthodontics who took time to go through the contents of the book in detail and guide us further in our endeavor to make orthodontic education comprehensive at the undergraduate level. The lacunae were highlighted and all attempts have been made to overcome these.

There have been considerable advances in computerized diagnostics and orthodontic implants in the past couple of years. The concerned chapters have been revised and suitably illustrated to make the comprehension of the contents easy. Each chapter now has a list of books and/or articles which are recommended for further reading and shall be able to provide more information to the students. The quality of the figures and photographs has been improved and some more photograph have been added to illustrate the contents further.

The textbook has been provided with a code which will enable its readers to access the photographs and related multiple choice questions on the web. Also, this password would enable the students to get updates on certain topics before they are incorporated in the forthcoming editions. This is of course a first for any Indian textbook.

I am again grateful to the contributors who have taken the time out from their busy schedules to update the concerned chapters. My heartfelt thanks to my colleagues and friends who have read and reread the chapters and contributed by way of suggestions and corrections to make this textbook as error free as humanly possible. Last but not the least, the family at Jaypee Brothers Medical Publishers deserves full marks for their tireless efforts to make the book take its present form.

We look forward to suggestions and positive criticism for the further improvement in the contents of the textbook.

**Gurkeerat Singh**

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# *Preface to the First Edition*

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The science and art of orthodontics has undergone a huge transformation in the past ten years; and unfortunately for the students of this wonderful field, we, the teachers, have not managed to provide them with any single book which imparts to them the complete curriculum for their knowledge and comprehension. Also, with the mushrooming of dental colleges in our country, there has been a degradation in the information provided on this already neglected subject. At times, we find that dental students who graduate consider the subject only from a theoretical standpoint and not with the prospect of using their knowledge clinically.

The book has been written with only one motive, and that is, to let a dentist be able to diagnose an orthodontic problem as and when a patient presents himself/herself. By studying this textbook, the dentist will not become an orthodontist but will definitely be able to guide the patient if and when orthodontic intervention is required. He will also be able to communicate with an orthodontist in the technical terms that we are so used to hearing.

Emphasis has been given to understanding orthodontic problems and not being just able to answer questions in an exam. The answers to the most frequently asked questions are all there, but it is expected that the student will first understand the concepts and then reproduce these answers in his or her own words. Keeping that in mind, the book has been extensively illustrated with more than 2500 photographs and diagrams. The text has been kept simple and alongwith the illustrations will help the student to grasp the meaning better. For the first time, orthodontic materials and their uses including their sterilization have been discussed.

The book is the cumulative effort of the extensive work done over the past seven years. Compiling and condensing the data and producing the matter in a book form has taken nearly two years. I wish to acknowledge the help provided by the contributors, without whom this textbook would never have materialized. Special thanks to Dr Akhtar Hussain, who has designed the front cover at an extremely short notice.

I sincerely hope that the book fills the lacuna that was being felt at the undergraduate level of education and would also help the postgraduate students to use it as a quick reference guide.

**Gurkeerat Singh**



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