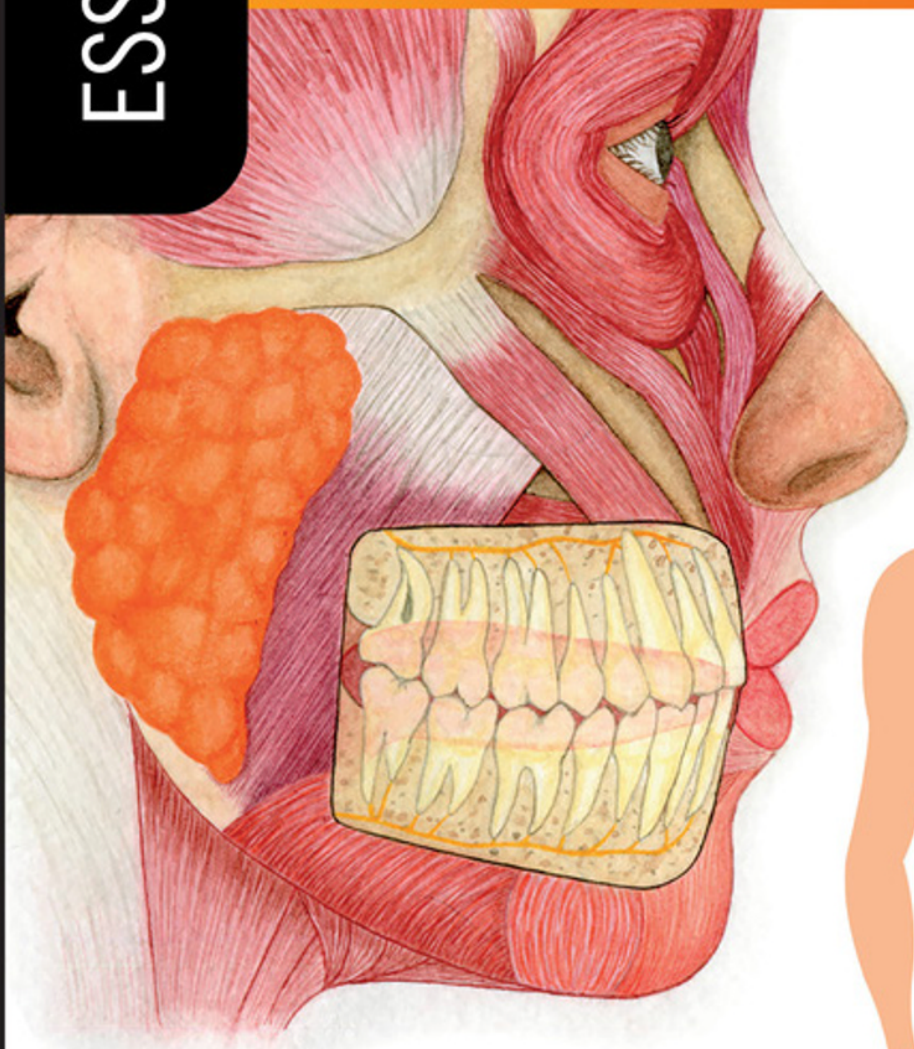
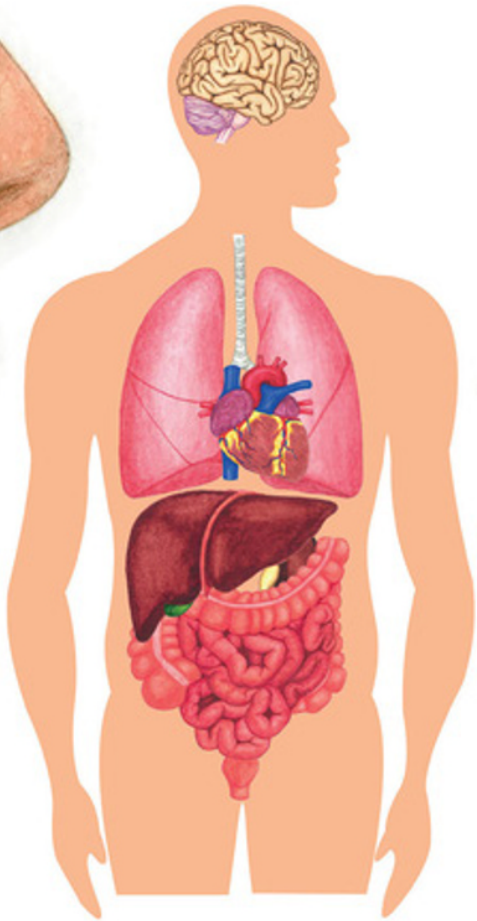
ESSENTIALS

ESSENTIAL PHYSIOLOGY FOR DENTAL STUDENTS

EDITED BY KAMRAN ALI
AND ELIZABETH PRABHAKAR





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Essential Physiology for Dental Students

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To my mother and father, who are my role models and taught me the core human values.

To my wife and children, for their extraordinary love and support.

Kamran Ali

Dedicated to the memory of my late father, who was an unending source of inspiration, strength, and wisdom and for shaping my intellect.

To my mother and the rest of my family, for their encouragement, love, and support.

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Preface

We are delighted to present a book on medical physiology written exclusively for a dental audience. It is envisaged that the book will be used not only in the early years of dental courses but also for preparation of postgraduate examinations in dentistry. Moreover, dentists and dental care professionals may also benefit from it to refresh and update their knowledge of physiology.

Physiology is a complex and challenging subject, and traditionally the dental students have learnt it from standard medical textbooks with limited reference to dentistry. A concerted effort has been made to provide the relevance of each topic area to dentistry so that dental students are able to relate the subject to their own clinical practice. We have not only focused on physiology but also tried to assimilate relevant concepts of allied subjects to achieve integration with other basic and clinical subjects.

A wide selection of online self-assessment questions accompany this text, and readers can use this resource not only to prepare for relevant examinations but also as a drive for their learning. While every effort has been made to discuss core topic areas in physiology comprehensively, it is suggested that readers explore additional resources to further enhance their understanding of the subject. Recommendations for additional online and text resources are listed at the end of each chapter.

Finally, we hope this book will be a useful addition to existing resources for dental students. We would like to express our utmost gratitude to all the contributors for sharing their knowledge and expertise in the subject.

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About the Companion Website

Don't forget to visit the companion website for this book:

www.wiley.com/go/ali/physiology

There you will find valuable material designed to enhance your learning, including:

- MCQs
- EMQs
- Glossary
- List of abbreviations
- PowerPoint slides of figures

Scan this QR code to visit the companion website