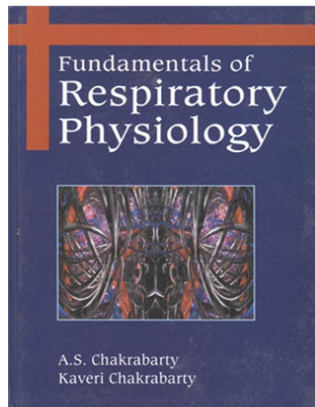


**Fundamentals of Respiratory Physiology, 1/e**

A S Chakrabarty &amp; Kaveri Chakrabarty



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**About the Book**

Fundamentals of Respiratory Physiology emphasizes on the applied aspects and provides key concepts. Many topics, including mechanism of actions of contractile agonists

beta adrenoceptor

nitric oxide on airway smooth muscle and maintenance of arterial carbon dioxide by oxygen and carbon dioxide dissociation curves have been highlighted. The book is going to be beneficial to both graduate and postgraduate students of Physiology and also students of Respiratory Medicine.

**Salient Features**

- ▶ Up-to-date coverage of respiratory physiology.
- ▶ Emphasizes the applied aspects. The clinical applications are highlighted at the appropriate places.
- ▶ Emphasizes the basic principles so as to enable students to understand the complex concepts.
- ▶ New coverage related to intermittent hypoxia, oxygen homeostasis, feedback control of oxygen supply to the tissues and more has been included.
- ▶ Summarizes the text with many illustrations / tables.
- ▶ Apart from MBBS students, other students who are preparing for examinations (MD, USMLE) will find the book useful.

**Table of Contents**

- ▶ Structure and Function of the Respiratory System
- ▶ Respiratory Cycle
- ▶ Mechanics of Ventilation
- ▶ Pulmonary Gas Exchange
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