

Electrotherapy Simplified

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FOREWORD

Electrotherapy Simplified written by Sri Basanta Kumar Nanda can be taken as a textbook for the undergraduates and the diploma students of physiotherapy. Dr Nanda has tried to make the chapters very comprehensive focusing on existing theory and practice. The current evidences have taken a good place in this book.

The basic electricity and electromagnetism, on which the electrical modalities are based have been well explained. The mechanism of action of the different electrotherapeutic modalities is well explained in the chapters. The author has also given simple examples under therapeutic uses of the different modalities which even a fresher can understand. The book is a much needed response to the absence of a textbook that takes care of the student needs from top to bottom.

In my opinion, *Electrotherapy Simplified* has kept its name in right way as the author has devoted enough time to make the contents as easy as possible with suitable diagrams. This book will help the teachers as well as the pupils for their study and reference.



SS Rau

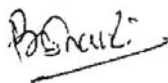
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FOREWORD

Electrotherapy Simplified written by Sri Basanta Kumar Nanda can be taken as a textbook for the bachelor students and also for those appearing for PG examinations. Dr Nanda has tried to make the chapters very comprehensive focusing on existing theory and practice with adequate current evidences at the right place.

The explanation of basic electricity and electromagnetism are praise-worthy. The mechanism of action of the different electrotherapeutic modalities is well explained in the chapters. The author has also taken painstaking efforts in giving simple diagrams wherever necessary along with suitable examples under therapeutic uses of the different modalities.

Let the book be a stepping stone of success for the readers.



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PREFACE

Electrotherapy is one of the important aspects among the various approaches of patient management available to a physiotherapist. The use of electrical modalities in patient management has a very old history. In the industrialized world, the number of people with physical problems is increasing day-by-day, necessitating more and more advanced knowledge in the management of the physical ailments.

Electrotherapy Simplified has tried to give a comprehensive knowledge on electrotherapy and actinotherapy, starting from basic electricity and magnetism to the theoretical and clinical aspects of the different modalities applied by physiotherapists. About 200 objective question answers have been included which will enable the student to get a gist on the subject and prepare for the university degree/diploma examinations as well as PG entrance tests.

The syllabi of different universities, such as Utkal University, Bhubaneswar; Devi Ahalya Viswavidyalaya, Indore; Calcutta University, Kolkata; Dr MGR University, Chennai, etc. conducting BPT courses have been taken into consideration while preparing the text.

I hope my efforts will give significant benefit to the students.

Basanta Kumar Nanda

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