

Therapeutic Modalities in Rehabilitation, Fourth Edition (Therapeutic Modalities for Physical Therapists)

By William E. Prentice

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Therapeutic Modalities in Rehabilitation, Fourth Edition (Therapeutic Modalities for Physical Therapists) By William E. Prentice

Comprehensive Coverage of Therapeutic Modalities Used in a Clinical Setting

A Doody's Core Title for 2011!

Therapeutic Modalities in Rehabilitation is a theoretically based but practically oriented guide to the use of therapeutic modalities for practicing clinicians and their students. It clearly presents the basis for use of each different type of modality and allows clinicians to make their own decision as to which will be the most effective in a given situation. Presented in full color, the text describes various concepts, principles, and theories that are supported by scientific research, factual evidence, and experience of the authors in dealing with various conditions.

The chapters in this text are divided into six parts:

Part I—Foundations of Therapeutic Modalities begins with a chapter that discusses the scientific basis for using therapeutic modalities and classifies the modalities according to the type of energy each uses.. Guidelines for selecting the most appropriate modalities for use in different phases of the healing process are presented.

Part II—Electrical Energy Modalities includes detailed discussions of the principles of electricity, and electrical stimulating currents, iontophoresis, and biofeedback.

Part III—Thermal Energy Modalities discusses those modalities which produce a change in tissue temperatures through conduction including thermotherapy and cryotherapy.

Part IV-Sound Energy Modalities discusses those modalities that utilize acoustic

energy to produce a therapeutic effect. These include therapeutic ultrasound and a lesser known modality-extracorporal shockwave therapy.

Part V—Electromagnetic Energy Modalities includes chapters on both the diathermies and low-level laser therapy.

Part VI—Mechanical Energy Modalities includes chapters on traction, intermittent compression and therapeutic massage.

Each chapter ins Parts II-IV discuss: the physiologic basis for use, clinical applications, specific techniques of application through the use of related laboratory activities, and relevant individual case studies for each therapeutic modality.

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Editorial Review

About the Author
Author Profile

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Bill Prentice, PhD, PT, ATC has been Coordinator of the Athletic Training specialization at the University of North Carolina since 1980 and is a Professor in the Department of Exercise and Sport Science. Dr. Prentice is recognized as an author, educator, and clinician. He served for ten years as the Director of Sports Medicine Education for the Healthsouth Corporation, and is the author of nine textbooks and more than 75 journal articles. He has received numerous awards, and was inducted into the National Athletic Trainers Association's Hall of Fame in 2004.

Users Review

From reader reviews:

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Now a day people who Living in the era everywhere everything reachable by connect to the internet and the resources inside it can be true or not require people to be aware of each details they get. How individuals to be smart in getting any information nowadays? Of course the correct answer is reading a book. Reading through a book can help persons out of this uncertainty Information mainly this Therapeutic Modalities in Rehabilitation, Fourth Edition (Therapeutic Modalities for Physical Therapists) book because this book offers you rich data and knowledge. Of course the data in this book hundred pct guarantees there is no doubt in it you may already know.

Reta Zimmer:

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