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AOTA Approved Provider #4023

Course Title: Therapeutic Modalities 201

Course Subtitle: Physiology of Physical Agents

Source: Physical Agents in Rehabilitation from Research to Practice, 5th edition, by Michelle Cameron.

Source Description: With straightforward, in-depth coverage of the use of physical agents to improve patient outcomes, *Physical Agents in Rehabilitation: An Evidence-Based Approach to Practice, 5th Edition* reflects how physical agents and modalities are being discussed in the classroom. This new edition brings the ideal balance of evidence and practical instruction to the learning and practice of physical agents in rehabilitation. Comprehensive coverage of all physical agents includes the mechanisms, clinical effects, and application techniques for thermal agents, ultrasound, electrical currents, electromagnetic radiation, hydrotherapy, traction, and compression. Plus, each chapter includes a scientific rationale and step-by-step instructions in the use of the agent(s), as well as up-to-date research support and new *Find the Evidence* tables.

Target Audience: OT/OTA and other healthcare professionals

Course Length: 1 hour

Educational Level: Introductory, Intermediate, Advanced

The course is written at the intermediate level, but learners of all levels will benefit from the information.

Course Objectives:

At the end of the course, participants will be able to:

- List and examine 3 categories of physical agents
- Outline and describe 4 effects of physical agents
- List contraindications and precautions for the use of physical agents
- Describe the process for evaluating and planning for the use of physical agents
- List important considerations for documentation for the use of physical agents

Outline of Content:

Hour #1

What Are Physical Agents?

Categories of Physical Agents

Thermal Agents

Mechanical Agents

Electromagnetic Agents
Effects of Physical Agents
Inflammation and Healing
Pain
Collagen Extensibility and Motion Restrictions
Muscle Tone
General Contraindications and Precautions for Physical Agent Use
Pregnancy
Malignancy
Pacemaker or Other Implanted Electronic Device
Impaired Sensation and Mentation
Evaluation and Planning for the Use of Physical Agents
Choosing a Physical Agent
Attributes to Consider in the Selection of Physical Agents
Using Physical Agents in Combination With Each Other or With Other Interventions
Documentation

Instructional Methods and Formats:

Online course available 24/7 at www.OnlineCE.com includes PDF downloadable course. See course formats for additional details.

Course Completion Requirements:

A minimum passing score of 100% is required for course completion. You will have as many attempts as needed until your passing score of 100% is achieved. Upon successful completion of course, you will receive your certificate of completion and AOTA eligible CEUs.

AOTA Classification Codes:

- Category 1: Domain of OT
- Category 2: Occupational Therapy Process
- Category 3: Professional Issues

Additional Policies:

OnlineCE Policies are available by clicking on the tab – Policies – located in the left-hand navigation bar.

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