



Course Title: Therapeutic Modalities 213 - Hydrotherapy

Source: Physical Agents in Rehabilitation from Research to Practice, 5 th 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 Type: Video vs. Text-based

Educational Level: Beginner, Intermediate, Advanced

CE Hours: 3contact hour / .3 ceu

Course Prerequisites: None

Course Author / Instructor: Cameron, PhD, PT / Brown, MS, OTR/L, CHT

Learning Objectives:

- Define 4 physical properties of water
- Describe 6 physiological effects of hydrotherapy
- Examine 4 uses for the use of hydrotherapy in clinical practice
- List and describe 4 adverse effects and 5 contraindications and precautions for hydrotherapy
- Compare and contrast clinical use and application techniques
- Examine and describe 3 important safety considerations for infection prevention

Agenda:

Hour #1

Physical Properties of Water
Solvent Resistance Hydrostatic Pressure
Buoyancy
Specific Heat and Thermal Conductivity
Physiological Effects of Hydrotherapy
Cleansing

Musculoskeletal
Cardiovascular
Respiratory
Renal
Psychological
Clinical Indications for Hydrotherapy

Hour #2

Wound Care
Edema Control
Water Exercise
Superficial Heating or Cooling
Contraindications and Precautions for Hydrotherapy and Negative Pressure Wound Therapy
Nonimmersion Hydrotherapy
Negative Pressure Wound Therapy
Immersion Forms of Hydrotherapy
Adverse Effects of Hydrotherapy
Drowning Burns, Fainting, and Bleeding
Hyponatremia
Infection
Aggravation of Edema
Asthma Exacerbation
Adverse Effects of Negative Pressure Wound Therapy
Application Techniques

Hour #3

General Hydrotherapy
Nonimmersion
Irrigation and Pulsed Lavage
Negative Pressure Wound Therapy
Exercise Pool Safety
Issues Regarding Hydrotherapy
Safety Precautions and Infection Control for Exercise Pools
Documentation
Examples
Clinical Case Studies

Course Completion Requirements:

A 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 and completing a satisfaction survey, you will receive your certificate of completion.

Additional Course Information

Course Registration: Register for Free at www.OnlineCE.com. Once registered, you can begin to purchase courses. Contact info@onlinece.com for special needs requests and assistance.

Refund Policy: There will be no refunds for courses taken at OnlineCE.com or monies deposited into My CE Bank. Any money on account will be used for taking future courses. If you start a course in error, or if you are dissatisfied with a course, please contact us in the first part of the course and we will void the course and you can select a replacement course.

Cancellation Policy: Only available courses are offered online and on-demand and available for purchase. No registration fees are collected for courses that are not provided on-demand. Due to the online and on demand format, courses are not cancelled.

Course Date and Location: This is an independent course that is available 24/7 on-demand at www.OnlineCE.com.

Required Materials and Equipment: Courses offered on OnlineCE.com can be accessed on any type of computer or device. No special software is required but we do recommend the use of the Chrome Browser (recommended, not required). All course materials are contained within the courses and no prerequisites are required.



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