

Concepts in Acute and Chronic Wound Care

Course Description:

All health care providers have a role in providing risk assessment, skin assessment, skin health maintenance, and wound prevention, as well as timely interventions with the most appropriate goal directed treatments. Whether novice or expert in wound care, nurse, physical therapist or physician, the information in this course from *Acute and Chronic Wounds: Current Management Concepts (3rd Edition)* will deepen the reader's understanding of wound care, underscore the significance of multidisciplinary involvement, and enhance evidence based, outcome oriented practice.¹ Course content is 126 pages. In addition, there are 16 color plates.

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Course Objectives:

Course Participants will be able to:

1. Discuss anatomy and physiology of skin and soft tissue including:
 - a. Skin layers
 - b. Skin functions
 - c. Factors affecting skin characteristics
2. Understand wound healing physiology including:
 - a. Physiology of wound healing
 - b. Definitions and classifications
 - c. Wound healing process
 - d. What makes a chronic wound chronic
 - e. Factors affecting the repair process
3. Describe patient assessment and evaluation of healing including:
 - a. Monitoring, observation and inspection
 - b. Assessment (skin, holistic and focused)
 - c. Frequency of wound assessment
 - d. Evaluation of healing and documentation tools
4. Wound Debridement
 - a. Methods of debridement
 - b. Selection of debridement method
 - c. Assessment of debridement process
5. Understand principles of wound management including:
 - a. Principles of wound management
 - b. Wound care dressing categories
 - c. Selecting wound care dressings
 - d. Wound care procedures
 - e. Evaluating outcomes
6. Discuss pressure ulcers including:
 - a. Terminology
 - b. Causative factors
 - c. Pathophysiologic changes
 - d. Pressure ulcer prevention program
 - e. Management of pressure ulcers
 - f. Pressure ulcer healing
7. Understand venous and arterial ulcers of the lower extremity including:
 - a. Terminology
 - b. Assessment of the lower extremity
 - c. Arterial ulcers
 - d. Venous ulcers
8. Describe Neuropathic ulcers – the diabetic wound including:
 - a. Pathogenesis
 - b. Assessment
 - c. Management
 - d. Education
9. Describe support surfaces including:
 - a. Categories of support surfaces
 - b. Product selection
 - c. Evaluation of effectiveness
10. Discuss modalities and technologies in wound care including:
 - a. Hyperbaric oxygenation
 - b. Negative-pressure wound therapy
 - c. Electrical Stimulation
 - d. Ultrasound

CEU Approvals:

For information on specific state approval of this course, refer to PT On-Line Courses "About State Approvals" page.

¹ Bryant RA, Nix DP, *Acute and Chronic Wounds: Current Management Concepts (3rd Edition)*, St. Louis, Missouri, Mosby, Inc., 2007, p. vii