

Continuing Education Website on Wound Care

by

Vince Lepak, PT, DPT, MPH, CWS

Overview: The goal of this online webcourse is to provide a resource for clinicians that will help them refresh or update their knowledge about wound care. This website is divided into 10 required modules and one optional module. In order to receive continuing education credit you must pass a post-test over the material and achieve an 80% pass rate. You can view and retake the exam as many times as necessary to achieve a passing score. Once you pass the examination you will be able to print off your continuing education certificate (please check with your individual state licensure board for approval of continuing education in your individual state). Approved for 1.0 CEU in OK.*

Registration/Cost: The cost of the course is \$100. Please fill out the registration form at the bottom of this page and mail it in along with a check or money order to the address listed on the form. Once this is received a user ID and password will be emailed to you. If you do not have an email the user ID and password will be mailed.

Technical Requirements:

- Web access
- Both Macintosh & Windows are supported.
- You will need Adobe Acrobat Reader 6.0. [Download the free software now.](#)
- You will need Windows Media Player 9.0.
[Download the free software now for Windows XP, 98, Me, and 2000](#)
[Download the free software now for Mac OS X](#)

Speaker/Presenter Credentials: Vince Lepak is an Assistant Professor in the Department of Rehabilitation Sciences at the University of Oklahoma and national lecturer for International Educational Resources. He has been teaching for the University of Oklahoma Health Sciences Center since 1993 and working with International Educational Resources since 2001. In 1989, he earned a Bachelor of Science in Physical Therapy from the University of Oklahoma, in 1994 a Master of Public Health from the University of Oklahoma, and in 2005 completed his Doctor of Physical Therapy from Massachusetts General Hospital Institute of Health Professions. His clinical experiences include working in acute care, home health, long-term care, geriatric assessment, outpatient orthopedics, and wound care. He is a certified wound care specialist through the American Academy of Wound Management. Clinical and teaching expertise includes wound care, manual therapy (peripheral & spine), modalities, geriatric assessment, physical therapy licensure preparation, and web-page development.

This online course will be at the individual's pace. You will log on through WebCT and the completion of each module will be tracked. Each module takes 30-90 minutes to complete. The modules are listed below. The objectives for each module are listed under their respective titles below.

1. Wound Healing

- differentiate between epidermal & dermal wound healing.
- distinguish between the 3 types of union.
- compare & contrast regeneration & repair.
- explain the three phases of wound healing (e.g., role of cells mentioned in lecture and their response).
- list intrinsic, extrinsic, and iatrogenic factors that will delay wound healing.
- design methods to prevent and/or manage factors that delay wound healing.

2. Examination

- describe the components of a wound examination.
- know common laboratory values associated with a wound examination.
- understand the components and characteristics of a skin, vascular, sensory, and risk assessment examinations.
- know the various methods for measuring wounds and means to chart their progress.

3. Wound Classification

- distinguish between the various types of wounds.
- describe the etiology and stage pressure ulcerations.
- provide examples of basic treatments for the wounds that are presented.
- understand the physiology and pathophysiology the venous and arterial wounds.

4. Managing the Wound Environment

- critique AHCPR clinical algorithms...
- design appropriate Rx...skills related to debridement...clinical decision making about dressing... application of dressing...topical agents
- compare and contrast four methods of debridement & their uses....
- list intrinsic, extrinsic, and iatrogenic factors that will delay wound healing.
- design methods to prevent and/or manage factors that delay wound healing.
- differentiate between inflamed & infected tissues.
- distinguish between the 5 types of exudate.

5. Wound Debridement

- critique AHCPR clinical algorithm for debridement...
- design appropriate Rx...skills related to debridement...
- compare and contrast four methods of debridement & their uses....
- recognize when debridement is appropriate & contraindicated.
- predict when sharp debridement should be discontinued or stopped.
- differentiate between viable and non-viable tissue.
- give examples of how to stop bleeding.
- conclude when to refer the patient back to the physician.

6. Dressings

- critique the seven major categories of wound dressings according to Diane Krasner.
- describe the characteristics of an ideal dressing.
- understand the advantages and disadvantages of dressings presented in this lesson.
- design appropriate dressing interventions for case scenarios.

7. Topical Agents

- make clinical decisions concerning the appropriate choice of topical agents.
- explain the application of topical agents.

8. Diabetes

- Understand the etiology of diabetes
- Learn the complications of diabetes
- Learn how to manage diabetes
- Understand how diabetes affects the foot

9. Modalities

- Learners will the purposes of the following modalities to promote wound healing:
 - Hydrotherapy, Ultrasound, Electrical Stimulation, Hyperbaric Oxygen, Laser, Compression pumps, Normotherapy

10. Electrical Stimulation

- Explain the purposed physiological effects that occur and the level of evidence for applying therapeutic electrical current to promote wound healing.
- Discuss when electrical stimulation would be appropriate for wound healing.
- Design electrotherapeutic interventions for wound healing.

11. Psychology When Someone is Burned (optional)

To Register for “Wound Care Education Website”

Name: _____

Profession: _____

Address:

Street _____

City _____ State _____ Zip Code _____

Home Phone _____ Office Phone _____ Fax _____

E-mail _____

Please return registration form and payment (*checks payable to OUHSC Dept. of Rehabilitation Sciences*) to:

Department of Rehabilitation Sciences or concerns, please contact:

Attn: Katy Wandel at:

801 NE 13th Street, Room 235

Oklahoma City, OK 73104

Questions about registration please Email: katy-wandel@ouhsc.edu or telephone (405) 271-2131 ext. 47130

If you have any questions about the course please do not hesitate to contact me at vince-lepak@ouhsc.edu. Please place wound care webcourse in the subject line. Thanks.

*This continuing education course was approved (7/6/2006) by the Oklahoma Board of Medical Licensure & Supervision for 10 contact hours (1 CEU) of category B continuing education for physical therapists and physical therapists assistants.