

Accreditation Statement:

The American College of Foot and Ankle Surgeons is approved by the Council on Podiatric Medical Education as a sponsor of continuing education in podiatric medicine.

Designation Statement:

The American College of Foot and Ankle Surgeons designates these educational activities for CPME Continuing Education Contact Hours. Physicians should only claim credit commensurate with the extent of their participation in the activity.

Learning Objectives:

At the conclusion of this activity, the participant will be able to:

1. Identify acute vs chronic wounds.
 2. Understand the principles of wound flap management
 3. Identify important pearls and pitfalls gleaned from case based discussions regarding alternative tissue.
 4. Evaluate treatment approaches based on indications and their application to your practice.
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Instructions

1. Watch the online video presentations.
2. Fill in your contact information on the CE Test.
3. Complete the CE Test.
4. Complete the Evaluation form.
5. E-Mail (must have Microsoft Outlook) your CE Test and Evaluation form to:
eLearning@acfas.org

OR

Mail your CE Test and Evaluation form to
[American College of Foot & Ankle Surgeons](#)
[Education Department](#)
[8725 W. Higgins Road, Suite 555](#)
[Chicago, IL 60631-2724](#)

6. Please allow 6 - 8 weeks to receive your CE confirmation.

* Please note: the minimum passing score is 70%.

Questions

1. **According to a meta-analysis conducted by Margolis et al, what percentage of diabetic foot wounds showed healing after 12 weeks of high-quality care?**
 - a. 4%
 - b. 14%
 - c. 24%
 - d. 68%
 - e. 88%

2. **To optimize wound healing in the diabetic patient, the following area(s) must be assessed:**
 - a. Nutritional status
 - b. Off-loading of wound
 - c. Glycemic control
 - d. Local wound care
 - e. All of the above

3. **Bench-top studies of hyperbaric oxygen therapy (HBOT) demonstrate that in addition to increasing oxygen tissue diffusion and dissolved oxygen in serum, HBOT also provides each of following secondary benefits to wound healing *except*:**
 - a. Promotes angiogenesis
 - b. Provides antibiotic synergy
 - c. Enhances fibroblast proliferation
 - d. Inhibits leukocyte oxidative killing
 - e. Inhibits toxins

4. **Chronic wounds are stuck in which phase of physiologic wound healing?**
 - a. Proliferative
 - b. Remodeling
 - c. Inflammatory
 - d. Coagulation
 - e. Infected

5. **According to Sheeha et al, if a wound does not close by approximately ____% within the first few weeks, then it is unlikely to close within 12 weeks.**
 - a. 10%
 - b. 20%
 - c. 75%
 - d. 50%
 - e. 90%

Questions (Cont'd.)

6. Prior to application of bioengineered alternative tissue over tendon and bone, one should perform all of the following *except*:
- Debridement
 - Hemostasis
 - Lavage
 - Excision of granulation
 - Vascular assessment
7. Which if the following is *not* desirable in the presence of a freshly applied graft?
- Motion
 - Vascularity
 - Hemostasis
 - Viable base
 - Compliance
8. Grafts can be applied over all of the following *except*:
- Bone
 - Tendon
 - Fascia
 - Eschar
 - Muscle
9. Hyperbaric oxygen (HBO):
- Is a first line of therapy for every patient
 - Results in decreased partial pressure oxygen delivered to tissue
 - Is sustained exposure to 50% oxygen
 - Improves wound tissue hypoxia
 - Has no reported action on microorganisms
10. Indications for HBO therapy include:
- Wagner grade 1 ulcer
 - No other form of conservative care
 - Recalcitrant osteomyelitis
 - Type 2 diabetes, but not type 1 diabetes
 - Intact skin graft or flap



Questions (Cont'd.)

11. The “D’s” and “M’s” of assessing bone structure include each of the following *except* :

- a. Assessment of systemic disease
- b. Assessment of daily life activities
- c. Assessment of drug use
- d. Assessment of the duration of structural bone problems
- e. The microstructure of bone

12. In all cases of split-thickness skin graft (STSG), the layer of skin that is included is the:

- a. Epidermis
- b. Dermis
- c. Subcutaneous
- d. Fascia
- e. All of the above

13. Which of the following will *not* occur following an STSG to the foot?

- a. An ischemic period from 24 to 48 hours
- b. An edematous phase
- c. Neovascularization
- d. Regrowth of adipose tissue
- e. Reinnervation

14. Which wound closure option is at the top of the reconstructive ladder?

- a. Regional flaps
- b. Negative pressure wound therapy
- c. Free flaps
- d. Dermal matrices
- e. Local flaps

15. Which of the following statements is false?

- a. Axial flaps are based off of a named blood vessel
- b. Axial flaps may include local flaps, regional flaps, or free flaps
- c. Axial flaps may include fascia, muscle, and/or bone
- d. Axial flaps blood supply is dependent upon the subdermal plexus



CE Test

Please type your information.

ACFAS ID #			
Name:			
Company:			
Address 1:			
Address 2:			
City:			
State:		Zip Code:	
Daytime Phone:			
E-mail:			
Signature:			



CE Test (Cont'd.)

Please select your answer.

Question	Answers				
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Evaluation

1. The course achieved its learning objectives.

strongly agree agree neutral disagree strongly disagree

2. The course was relevant to my clinical learning needs.

strongly agree agree neutral disagree strongly disagree

3. The course was relevant to my personal learning needs.

strongly agree agree neutral disagree strongly disagree

4. The electronic method of instruction was conducive to learning.

strongly agree agree neutral disagree strongly disagree

5. The course validated my current practice.

strongly agree agree neutral disagree strongly disagree

6. I plan to change my practice based on what I learned in the course.

strongly agree agree neutral disagree strongly disagree

7. Any suggestions for the ACFAS e-Learning program?

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