



Credit for Learning
WOUNDS

THE QUESTIONS

1. The predominant cells involved in inflammation include:

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|----------------------------|---|---|
| a) Endothelial cells | T | F |
| b) Macrophages | T | F |
| c) Epithelial cells | T | F |
| d) Fibroblasts | T | F |
| e) Keratinocytes | T | F |

2. In considering tissue adhesives:

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|--|---|---|
| a) On contact with fluid, they polymerise in an endothermic reaction | T | F |
| b) They are used to promote deep wound healing | T | F |
| c) They are applied to wound edges which are then held together for a minimum of two minutes | T | F |
| d) They are reported to be carcinogenic | T | F |
| e) They should not be used on wounds over joints | T | F |

3. During the process of wound healing:

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|---|---|---|
| a) There is a specific sequence of phases | T | F |
| b) Epithelialisation is the predominating mechanism for healing of abrasions | T | F |
| c) Granulation tissue is produced at the base of a wound following significant tissue loss .. | T | F |
| d) Normal skin reappears after keratinisation and thinning of the epidermis | T | F |
| e) Growth factors stimulate cell proliferation following cellular penetration | T | F |

4. The optimum rate of wound healing is affected by:

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|--|---|---|
| a) Temperature | T | F |
| b) Moisture | T | F |
| c) Nutritional status of the patient | T | F |
| d) The environment | T | F |
| e) Age of patient | T | F |

Questions continue overleaf



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5. Dressings intended as skin substitutes:

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|--|---|---|
| a) Should not be used for burns | T | F |
| b) Involve an invasive procedure | T | F |
| c) Use living cells | T | F |
| d) Stimulate the host to produce various cytokines | T | F |
| e) Can transmit disease | T | F |

6. When considering the inflammatory phase of wound healing:

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|--|---|---|
| a) Pain, heat, redness and swelling are characteristic of the wound site | T | F |
| b) Hageman factor XII activates the healing cascade | T | F |
| c) Endothelial cells proliferate under the influence of growth factors | T | F |
| d) Heparin-binding epidermal growth factor (HB-EGF) and insulin-like growth factor-1 (IGF-1) are released from activated platelets | T | F |
| e) A reduction in the number of macrophages will cause healing to cease | T | F |

7. In considering tulle dressings:

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|--|---|---|
| a) Products differ in the amount of zinc oxide per unit area that they contain | T | F |
| b) The medicated ones are not generally recommended | T | F |
| c) If impregnated with framycetin, they can cause systemic toxicity | T | F |
| d) Can be left in situ for one to two weeks | T | F |
| e) They can be used for partial thickness burns | T | F |

8. A major role in collagen formation is played by:

- | | | |
|----------------------------|---|---|
| a) Neutrophils | T | F |
| b) Macrophages | T | F |
| c) Fibroblasts | T | F |
| d) Epithelial cells | T | F |
| e) Endothelial cells | T | F |

9. In considering maggots to treat wounds:

- | | | |
|--|---|---|
| a) They can increase wound pain in ischaemic leg ulcers | T | F |
| b) They secrete proteolytic enzymes that break down slough and necrotic tissue, which they then ingest | T | F |
| c) Their wound cleansing properties were discovered in World War 1 | T | F |
| d) They ingest bacteria and thus combat wound infection | T | F |
| e) There is strong evidence to suggest that they are more cost-effective than hydrogel dressings | T | F |

10. In the quality assurance of sterile maggots, the following issues need to be considered:

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|---|---|---|
| a) Correct species of the insect | T | F |
| b) Presence of endotoxins | T | F |
| c) Duration of quarantine period | T | F |
| d) Aseptic technique of the operator | T | F |
| e) Legal classification of the finished product | T | F |