Lewis - Med-Surg Nursing - Study Guide - Ch. 11

In a patient with leukocytosis with a shift to the left, what does the nurse recognize as causing this finding?

- The complement system has been activated to enhance phagocytosis.
- Monocytes are released into the blood in larger-than-normal amounts.
- c. The response to cellular injury is not adequate to remove damaged tissue and promote healing.
- d. The demand for neutrophils causes the release of immature neutrophils from the bone marrow. d

What does the mechanism of chemotaxis accomplish?

- Causes the transformation of monocytes into macrophages.
- b. Involves a pathway of chemical processes resulting in cellular lysis
- Attracts the accumulation of neutrophils and monocytes to an area of injury
- d. Slows the blood flow in a damaged area, allowing migration of leukocytes into tissue c

What effect does the action of the complement system have on inflammation?

- Modifies the inflammatory response to prevent stimulation of pain
- Increases body temperature, resulting in destruction of microorganisms.
- Produces prostaglandins and leukotrienes that increase blood flow, edema, and pain
- d. Increases inflammatory responses of vascular permeability, chemotaxis, and phagocytosis d

Priority Decision: Key interventions for treating soft tissue injury and resulting inflammation are remembered using the acronym RICE. What are the most important actions for the emergency department nurse to do for the patient with an ankle injury?

- a. Reduce swelling, shine light on wound, control mobility, and elicit the history of the injury
- b. Rub the wound clean, immobilize the area, cover the area protectively, and exercise that leg.
- Rest with immobility, apply a cold compress, apply a compress bandage, and elevate the ankle.
- d. Rinse the wounded ankle, image the ankle, carry the patient, and extend the ankle with imaging c.

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