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New approaches to wound treatment

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Statement of the Problem: This review dealt with new technological developments for effective wound treatment with this review.

Methodology & Theoretical Orientation: Wound treatment with modern methods is based on the creation of a moist environment around the wound. Bandages made of natural and synthetic materials with different absorption capacities and wound dressings such as cotton, wool, and gauze were used in the past. The primary function of this approach was to allow wound exudates to evaporate so that wounded area could dry for elimination of bacterial growth. However, maintaining wound area warm and moist accelerates wound healing. This streamlined approach is based on allowing the movement of epithelial cells for the creation of ideal ambient conditions. Ideal conditions required for wound healing are to allow a moist environment for regeneration of cells and tissues around wound, to provide effective oxygen circulation, and to minimize bacterial contamination.

Conclusion & Significance: Achieving ideal condition improves effectiveness of the treatments for faster wound healing.

Biography

Selvinaz Yakan has completed his PhD in 2012 from Kafkas University and Postdoctoral studies from Agri Ibrahim Cecen University, Eleskirt Celal Oruc Animal Production School, Department of Animal Health. She studied veterinary anaesthesia and analgesia, veterinary ophthalmology, wound healing, and orthopedic surgery. She finished five important projects in her country and is dealing with two projects.

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