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SURGICAL INTERVENTIONS TO TREAT VARIOUS TYPES OF WOUNDS

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ABSTRACT

This Abstract Underscores the importance of surgical treatments in wound care for animals and humans, highlighting their vital role in enhancing recovery and reducing complications. It analyzes diverse surgical techniques and assesses their efficacy in treating various wound types, such as chronic, traumatic, and post-surgical wounds. An extensive examination of contemporary research investigates recent progressions and approaches in wound management, including the use of negative pressure wound therapy, tissue adhesives, and novel surgical techniques. Findings demonstrate the substantial influence of surgical interventions on healing outcomes while recognizing ongoing challenges such as surgical site infections and related consequences. This abstract examines promising advancements, including the incorporation of advanced therapies like nanoparticles and dynamic kinesiotherapy, as prospective methods for improving wound healing. These innovations address current deficiencies in wound care by enhancing both efficiency and patient outcomes. In conclusion, the abstract advocates for future studies, highlighting the need for standardized protocols and deeper exploration of emerging technologies in wound management. This synthesis of surgical procedures builds a foundation for improved clinical practices, offering significant insights for practitioners and academics dedicated to enhancing wound care outcomes.

Keywords: surgical interventions, wound management, negative pressure therapy, chronic wounds, infection control, innovative techniques, healing outcomes