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SURGICAL INTERVENTIONS TO TREAT VARIOUS TYPES OF WOUNDS

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ABSTRACT

This chapter will underscore the importance of surgical treatments in wound treatment for animals and humans, underscoring their vital role in enhancing recovery and reducing complications. The main goal is to analyze diverse surgical techniques and assess their efficacy in treating various wound types, such as chronic, traumatic, and post-surgical wounds. An extensive examination of forthcoming research will investigate contemporary progressions and approaches in wound management, encompassing the utilization of negative pressure wound therapy, tissue adhesives, and novel surgical techniques. Findings are anticipated to demonstrate the substantial influence of surgical interventions on healing outcomes while recognizing ongoing problems such as surgical site infections and related consequences. This chapter will examine promising advancements, including incorporating advanced therapies like nanoparticles and dynamic kinesiotherapy as prospective methods for improving wound healing. These innovations are expected to rectify current deficiencies in wound treatment by enhancing both efficiency and patient outcomes. In conclusion, the chapter will advocate future studies, highlighting the need for standardized protocols and a deeper exploration of emerging technologies in wound management. This synthesis of surgical procedures seeks to build a basis for enhanced clinical practices, providing significant insights for practitioners and academics dedicated to improving wound care results.

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