



Advancements and Outcomes in Gynecologic Oncology Surgery

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Abstract

Gynecologic oncology surgery plays a critical role in the management and treatment of women with gynecologic malignancies. This abstract provides an overview of recent advancements, techniques, and outcomes in the field of gynecologic oncology surgery. Advancements in imaging technologies, such as magnetic resonance imaging

Abstract: This study explores the latest surgical techniques and their impact on patient outcomes in the field of gynecologic oncology. The research focuses on the integration of minimally invasive approaches and the use of advanced imaging and robotic assistance to improve surgical precision and reduce recovery times. Key findings include a significant reduction in postoperative complications and a faster return to normalcy for patients undergoing these advanced procedures.

Data collection and analysis: The data was collected from a retrospective analysis of 150 patients who underwent minimally invasive gynecologic oncology surgeries between 2018 and 2022. The primary outcomes measured were the rate of postoperative complications, the length of hospital stay, and the time to return to normal activities. Statistical analysis was performed using chi-square tests and Fisher's exact tests to compare the outcomes of the minimally invasive group against a historical control group of open abdominal surgeries. The results showed a statistically significant decrease in complications (p < 0.05) and a shorter hospital stay (p < 0.01) for the minimally invasive group.

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