Preoperative Indicators of Fruitful Weight Reduction Results Following Laparoscopic Sleeve Gastrectomy

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Abstract

This study investigates preoperative indicators predictive of successful weight reduction outcomes in patients undergoing laparoscopic sleeve gastrectomy (LSG). As obesity rates continue to rise, bariatric procedures like LSG have become crucial interventions for weight management. Understanding the factors that contribute to favorable weight loss results is imperative for optimizing patient selection and counseling. A comprehensive analysis of preoperative markers, including demographic factors, comorbidities, psychological variables, and metabolic parameters, was conducted. The study employed a retrospective cohort design, analyzing data from a diverse population of patients who underwent LSG. Results reveal specific preoperative indicators that significantly correlate with successful weight reduction, providing valuable insights for clinicians in tailoring treatment plans and setting realistic expectations for patients undergoing LSG. The identification of predictive factors contributes to the enhancement of patient outcomes and the overall effectiveness of LSG as a bariatric surgical option.

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Obtained ethical approval from the institutional review board (IRB) to ensure compliance with ethical standards for research involving human subjects. Ensured patient con dentiality and data anonymization during analysis. Extracted relevant data from electronic medical records, surgical databases, and patient charts. Employed a standardized data extraction form to maintain consistency

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