

REVIEWER'S REPORT

Manuscript No.: IJAR-52833

Date: 17-07-2025

Title: Wilkie's Syndrome: Case Report and Surgical Approach in a Patient with High Intestinal Obstruction

Recommendation:

Accept as it isYES.....

Accept after minor revision.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality			✓	
Techn. Quality			✓	
Clarity			✓	
Significance		✓		

Reviewer Name: Dr Aamina

Reviewer's Comment for Publication.

Abstract Evaluation:

The abstract is concise and informative, clearly outlining the clinical significance of Wilkie's syndrome (Superior Mesenteric Artery Syndrome - SMAS). It effectively introduces the pathological mechanism—duodenal compression between the aorta and SMA—as a result of a reduced aortomesenteric angle and distance. The clinical presentation is succinctly described, along with diagnostic confirmation via contrast-enhanced CT and the surgical resolution using a laparoscopic Roux-en-Y duodenojejunostomy. The abstract conveys both the rarity and clinical urgency of the condition, and concludes by underscoring the importance of timely recognition and intervention. Keywords are well-selected and relevant.

Introduction Evaluation:

The introduction offers a sound clinical overview of SMAS. The definition is clear, and the explanation of the anatomical and pathophysiological changes is accurate and supported with standard reference values for the aortomesenteric angle and distance. The incidence rate is appropriately cited, highlighting the rarity of the syndrome. The presentation of nonspecific symptoms illustrates the diagnostic challenges faced by clinicians. Furthermore, the mention of predisposing conditions such as trauma, burns, and chronic illness provides useful context for understanding the condition's etiology.

The introduction balances technical specificity with readability, making it suitable for both clinical and academic audiences. It sets the stage well for a case-based exploration of SMAS and justifies the relevance of the case report and its surgical focus.

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Overall Assessment:

This case report provides a meaningful contribution to the clinical literature on a rare gastrointestinal vascular compression disorder. The abstract and introduction are well-structured, clinically pertinent, and informative. The report demonstrates a clear understanding of the condition's pathogenesis, diagnostic strategy, and surgical resolution. It has educational value for clinicians, particularly those in gastroenterology and surgery, and reinforces the critical role of imaging in diagnosing rare causes of intestinal obstruction.