



ISSN NO. 2320-5407

ISSN: 2320-5407

International Journal of Advanced Research

Publisher's Name: Jana Publication and Research LLP

www.journalijar.com

REVIEWER'S REPORT

Manuscript No.: IJAR-50487

Date: 04-03-2025

Title: A STUDY OF CLINICAL FEATURES EVALUATION AND SURGICAL MANAGEMENT OF VARICOSE VEINS OF LOWER LIMBS

Recommendation:

- Accept as it is.....**YES**.....
- Accept after minor revision.....
- Accept after major revision
- Do not accept (*Reasons below*)

| Rating | Excel. | Good | Fair | Poor |
|----------------|--------|------|------|------|
| Originality | √ | | | |
| Techn. Quality | | √ | | |
| Clarity | | √ | | |
| Significance | | | √ | |

Reviewer's Name: Dr Aamina

Reviewer's Decision about Paper: **Recommended for Publication.**

Comments (*Use additional pages, if required*)

Reviewer's Comment / Report

The manuscript titled 'A Study of Clinical Features Evaluation and Surgical Management of Varicose Veins of Lower Limbs' provides a comprehensive analysis of the prevalence, clinical features, and surgical interventions associated with varicose veins. The study effectively outlines the clinical presentations, surgical outcomes, and complications observed in 50 patients undergoing treatment at Basaveshwar Teaching and General Hospital, offering valuable insights into the management of this common vascular condition.

The abstract concisely summarizes the study's objectives, methodology, and key findings. The statistical data presented on patient demographics, symptoms, ultrasound findings, and surgical interventions contribute to a clear understanding of the research scope. The report effectively highlights the high prevalence of varicose veins in middle-aged individuals, with males being more commonly affected. Additionally, the study identifies prolonged standing as a significant risk factor and demonstrates the efficacy of various surgical techniques, including Trendelenburg operation with stripping and subfascial perforator ligation.

REVIEWER'S REPORT

The introduction provides a well-structured overview of varicose veins, incorporating historical definitions and epidemiological data to establish the significance of the study. The literature references contribute to a strong theoretical foundation, allowing for a contextual understanding of the disease and its impact on patients.

The methodology section is meticulously detailed, outlining the study design, sample size calculation, inclusion and exclusion criteria, and statistical analysis techniques. The use of a prospective interventional study design enhances the reliability of the findings, and the systematic approach to data collection ensures the robustness of the study.

The results section presents a thorough analysis of patient characteristics, clinical symptoms, and surgical interventions. The high incidence of perforator incompetence identified through ultrasound findings underscores the necessity of precise diagnostic techniques. The manuscript effectively conveys the postoperative outcomes, noting complications such as wound infections, thrombophlebitis, and hematomas. The follow-up assessment at three months provides valuable insight into long-term recovery, with a small percentage of patients experiencing saphenous neuralgia.

The discussion integrates the findings with relevant literature, reinforcing the clinical relevance of the study. The comparative analysis of surgical techniques and their effectiveness in managing varicose veins strengthens the manuscript's contribution to the field. The study's emphasis on postoperative complication management and its overall positive patient outcomes highlight the importance of surgical intervention in improving quality of life.

In conclusion, the manuscript presents a well-structured and insightful investigation into the clinical features and surgical management of varicose veins. The research provides significant contributions to the understanding of disease prevalence, treatment outcomes, and potential complications. Its detailed analysis and methodological rigor make it a valuable resource for medical professionals involved in vascular surgery and patient care.