

Review of: "Breaking Stereotypes: Sectoral Varicocele Diagnosis Revolutionized by Doppler Ultrasound Advancements"

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Potential competing interests: No potential competing interests to declare.

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Paper Title: Breaking Stereotypes: Sectoral Varicocele Diagnosis Revolutionized by Doppler Ultrasound Advancements

Comments:

1. On the Abstract section

It would be better

- to add some short background at the beginning, objectives, patients and methods, results

2. **The introduction** section would benefit from providing more information about the research background and previous works related to varicocele. Please add.

The Introduction was too short and did not give enough information about the research background and the previous works of varicocele, please add.

Diagnosis of clinical and subclinical varicoceles; management of these subclinical varicoceles.

Grading of varicoceles? Multiple grading systems exist for the purpose of classifying the dynamic sonographic findings of varicocele.

Please clarify in the Introduction section.

3. **The Patients and Methods section**, being the backbone of any study, should provide detailed information on how researchers conducted the research, including operational definitions and study design. However, the author only presented very general information, which is insufficient and unacceptable.

- The selection criteria and selection process needed to be described in the Patients and Methods section.
- Further study of the varicocele with the patient upright and/or with a Valsalva maneuver?
- Where are men with clinical and subclinical varicoceles?

4. In the Results section,

- Please add the average age of patients, the relevant data on each bar of the figures and tables for better understanding.
- The results section uses statistics & numerical data.
- Where are men with clinical and subclinical varicoceles during Valsalva (sensitivity and specificity)? Please clarify in the Results section.
- How many varicoceles are visible and palpable on physical examination? Was it justified to evaluate them with doppler ultrasound?

5. The Discussion needed improving.

Limitations of the study should be discussed in this paper.

Sonography-dependent operator?

Multiple grading systems exist for the purpose of classifying the dynamic sonographic findings of varicocele.