

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.

The paper reviews the comparison between physical examination (P.E.) and DUS in diagnosing varicoceles. DUS outperformed P.E. in both specificity and sensitivity in diagnosing varicoceles. The issue is whether the diagnosed varicoceles using DUS, and not P.E., were clinically significant enough with abnormal spermograms to warrant varicocelectomy; no data is presented. This is the important point to address. In addition, no data on the detection of "bilateral varicoceles" was discussed. The effect on testicular size needs to be evaluated as well. I think that DUS should be reserved for patients with semen parameters suggestive of varicocele but that could not be detected clinically. The paper needs more data before publication.