PEER-REVIEW REPORT

Name of journal: World Journal of Nephrology

Manuscript NO: 86459

Title: Transcending Boundaries: Unleashing the Potential of Multi-organ Point-of-Care Ultrasound in Acute Kidney Injury

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer’s code: 04551037

Position: Editorial Board

Academic degree: MD, MSc

Professional title: Associate Professor

Reviewer’s Country/Territory: Turkey

Author’s Country/Territory: United States

Manuscript submission date: 2023-06-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-06-26 06:25

Reviewer performed review: 2023-06-30 09:43

Review time: 4 Days and 3 Hours

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<th>Scientific quality</th>
<th>Grade A: Excellent</th>
<th>Y Grade B: Very good</th>
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<th>Grade E: Do not publish</th>
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<td>Novelty of this manuscript</td>
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<td>Creativity or innovation of this manuscript</td>
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### SPECIFIC COMMENTS TO AUTHORS

The manuscript is well written and well organised, it contains valuable information for the clinicians. As a suggestion from radiologic perspective, generally intrarenal RIs are not very specific to detect renal artery stenosis. CDUS examinations are very used-dependent and sometimes subjective. Instead, lately MRI angiography can be used as a screening test. Please add a paragraph sattaing the mentioned fact. For the renal CDUS parvus and tardus pattern is very specific for stenosis, please give a spectral doppler examination as a figure-example.
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Reviewer’s code: 05493354

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer’s Country/Territory: Turkey

Author’s Country/Territory: United States

Manuscript submission date: 2023-06-19

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-07-03 16:40

Reviewer performed review: 2023-07-07 11:36

Review time: 3 Days and 18 Hours

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<td>Scientific significance of the conclusion in this manuscript</td>
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**SPECIFIC COMMENTS TO AUTHORS**

The authors wrote a review on the use of ultrasound and doppler by a nonradiologist (nephrologist) in acute kidney injury. Overall, it is a well-structured and scientifically useful article.