

PEER-REVIEW REPORT

Name of journal: *World Journal of Nephrology*

Manuscript NO: 90402

Title: Prevalence and outcomes of polycystic kidney disease in African populations: a systematic review

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 02446043

Position: Editorial Board

Academic degree: FACC

Professional title: Lecturer

Reviewer's Country/Territory: Malaysia

Author's Country/Territory: Senegal

Manuscript submission date: 2023-12-04

Reviewer chosen by: Yu-Lu Chen

Reviewer accepted review: 2023-12-18 13:47

Reviewer performed review: 2023-12-20 04:16

Review time: 1 Day and 14 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a descriptive analysis of polycystic kidney disease in African patients. It is generally well researched but need some minor revisions: 1. In Fig 1, the formatting is poorly done; numbers do not appear in the boxes, which do not correspond to the y-axis labels. Authors need to produce a clearer flowchart. 2. The Abstract conclusion does not give any factual information. Authors should rewrite to give some factual data eg PKD in Africa most often presents as renal impairment or abdominal mass. Genetic mutation most often occurred in the PKD1 gene. 3. The Results section in the text should be expanded. Some of the information in Table 2 and 3 should be in the text. 4. For "ADPKD= Autosomic polycystic kidney disease", has a word been omitted???