

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Pediatrics*

Manuscript NO: 84257

Title: Emerging role of computed tomography coronary angiography in evaluation of children with Kawasaki disease

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05345731

Position: Peer Reviewer

Academic degree: BSc, MD, MSc

Professional title: Doctor

Reviewer's Country/Territory: Kazakhstan

Author's Country/Territory: India

Manuscript submission date: 2023-03-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-03-22 00:13

Reviewer performed review: 2023-03-22 00:25

Review time: 1 Hour

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input 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 Grade E: Do not publish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 checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The review provides a clear and concise summary of the need for a better imaging modality to evaluate coronary artery abnormalities in children with Kawasaki disease. The methods used for selection of studies are clearly stated, which adds to the credibility of the review. The abstract highlights the potential benefits of using computed tomography coronary angiography (CTCA) in evaluating coronary arteries in children with KD. The conclusion provides a clear summary of the main findings and implications of the review. However, there are limitations: The abstract needs to provide information about the sample size or characteristics of the studies reviewed, which limits the ability to assess the generalizability of the findings. The main text does not provide information about potential limitations or risks associated with the use of CTCA in children with KD, which would be important to consider when evaluating the potential benefits of this imaging modality. The review does not provide information about the costs or availability of CTCA, which may be important factors to consider when deciding whether to use this imaging modality in clinical practice. There are few grammatical errors and many typos (especially with placement of articles), for example:

CTCA (a-volume rendered image, b- curved reformatted image and c-axial iamge)

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Pediatrics*

Manuscript NO: 84257

Title: Emerging role of computed tomography coronary angiography in evaluation of children with Kawasaki disease

Provenance and peer review: Invited manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 00074715

Position: Peer Reviewer

Academic degree: MD

Professional title: Assistant Professor

Reviewer's Country/Territory: Italy

Author's Country/Territory: India

Manuscript submission date: 2023-03-12

Reviewer chosen by: Geng-Long Liu

Reviewer accepted review: 2023-04-09 09:50

Reviewer performed review: 2023-04-09 11:29

Review time: 1 Hour

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 type="checkbox"/> Grade B: Good <input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The paper by Singhai et al, entitled “Emerging role of Computed Tomography Coronary Angiography in evaluation of children with Kawasaki disease”, is interesting to read. In the Main Points, please, use the plural verb: Diagnosis and longitudinal surveillance of coronary artery abnormalities in Kawasaki disease “are” crucial for treatment planning. In the Introduction, please, omit the comma in the sentence “CAAs, can be assessed by several imaging techniques”. Correct “persisit” at page 4. Use lowercase when introducing the Catheter angiography. Correct “killovoltage”, omitting one “l”. The authors are right when they write that there is no consensus amongst experts on the timing and frequency of carrying out CTCA during follow up of children with Kawasaki disease. I suggest giving a wider breath to the introduction, saying that vascular complications (and response to intravenous immunoglobulin) for Kawasaki disease are related to the “extent “of inflammation and that some reviews have tried to define which clues should predict non-responsiveness to intravenous immunoglobulin in this complex disease, highlighting its risk of developing severe coronary artery abnormalities (Rigante et al. Int J Mol Sci 2016;17:278).