

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 79230

Title: Pediatric acute heart failure caused by endocardial fibroelastosis masquerading as dilated cardiomyopathy: a case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05827902

Position: Editorial Board

Academic degree: FACC, MD

Professional title: Assistant Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2022-08-10

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-09-15 03:39

Reviewer performed review: 2022-09-18 17:40

Review time: 3 Days 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 Grade E: Do not publish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 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 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 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 checked="" type="checkbox"/> Accept (General priority) <input 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 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 authors describe a case of endocardial fibroelastosis in a pediatric patient presenting with heart failure. The case is described well. The authors point out that selective thickening of the endocardium may be a distinguishing feature from DCM in the early stages of the disease; supportive measures are the mainstay in the initial stages of the disease.

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Peer-review model: Single blind

Reviewer's code: 06368927

Position: Peer Reviewer

Academic degree: Doctor, FACC, MD

Professional title: Assistant Professor, Senior Researcher, Senior Scientist

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-08-10

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-09 13:25

Reviewer performed review: 2022-10-10 15:38

Review time: 1 Day and 2 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input checked="" type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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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

I congratulate the authors for successfully managing the index case. However, I have the following major concerns:- 1) Remove all dates from the manuscript and mention the timeline in relation to the index hospitalisation. 2) Despite the elaborate discussion, I see no conclusion from your case as to how differentiating it from paediatric DCMP will have a therapeutic or prognostic implications. 3) Expand the treatment strategies for EFE in contrast to DCM and prognostication differences between the two. 4) Discussion seems unstructured with no clear take home message. Limit it to the course of EFE. 5) Quality of images are suboptimal. Provide CINE for the MRI if available.

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Provenance and peer review: Unsolicited 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: China

Manuscript submission date: 2022-08-10

Reviewer chosen by: Dong-Mei Wang

Reviewer accepted review: 2022-10-09 13:29

Reviewer performed review: 2022-10-17 08:43

Review time: 7 Days and 19 Hours

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 type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
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	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a well written and well referenced article. It can be published after 2 minor revisions.

1. The statements in the Abstract that "Endocardial fibroelastosis (EFE) is a diffuse endocardial collagen and elastin hyperplasia disease of unknown etiology, which may be accompanied by myocardial degenerative changes leading to acute or chronic heart failure. However, acute heart failure (AHF) without obvious triggers is rare in children over 1 year of age" have to be rewritten because i). Endocardial fibroelastosis (EFE) is primarily a disease of infants and children (Ozdemir D, Cortopassi IO, McNamara RL. An illustrative case of endocardial fibroelastosis and recalcitrant intracardiac thrombosis: a case report. *Thromb J.* 2019;17:8); ii). The usual age of presentation is the first year of life (Harris LC, Nghiem QX. Cardiomyopathies in infants and children. *Prog Cardiovasc Dis.* 1972 Nov-Dec;15(3):255-87).

2. The statement in core tip "for clinicians to early identify and intervene endocardial fibroelastosis -induced acute heart failure and to improve the long-term prognosis of the children" may have to be modified since "There is no specific cure for endocardial fibroelastosis and Treatment is largely tailored around symptoms. Sana MK, Mahajan K. Endocardial



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Fibroelastosis. StatPearls. Treasure Island (FL): StatPearls Publishing; 2022 Jan-. Available at : <https://www.ncbi.nlm.nih.gov/books/NBK559128/#article-21085.r1>".

RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Professional title: Assistant Professor, Senior Researcher, Senior Scientist

Reviewer's Country/Territory: India

Author's Country/Territory: China

Manuscript submission date: 2022-08-10

Reviewer chosen by: Xiao-Fang Liu

Reviewer accepted review: 2022-11-20 09:45

Reviewer performed review: 2022-11-20 13:48

Review time: 4 Hours

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
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 checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Peer-reviewer	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous



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statements

Conflicts-of-Interest: [] Yes [Y] No

SPECIFIC COMMENTS TO AUTHORS

I commend the authors for gracefully accepting the criticism and accordingly working on the same. The manuscript now is definitely more appropriate to deliver the take home message which is to identify early and differentiating EFE from paediatric DCM.