

PEER-REVIEW REPORT

Name of journal: World Journal of Cardiology

Manuscript NO: 65121

Title: ANESTHETIC MANAGEMENT OF A CHILD WITH CORNELIA DE LANGE SYNDROME UNDERGOING OPEN HEART SURGERY: A CASE REPORT AND LITERATURE REVIEW

Reviewer's code: 00506014

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Academic Fellow, Director, Doctor, Full Professor

Reviewer's Country/Territory: Taiwan

Author's Country/Territory: Turkey

Manuscript submission date: 2021-04-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-04-14 03:14

Reviewer performed review: 2021-04-21 03:06

Review time: 6 Days and 23 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 Grade E: Do not publish
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

1. The legend of figure 3. " angio image" suggest change as "angiography". 2. A rare case of Cornelia de Lange Syndrome with well clinical treatment of the congenital problems of the heart; may accept for publication.

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Title: ANESTHETIC MANAGEMENT OF A CHILD WITH CORNELIA DE LANGE SYNDROME UNDERGOING OPEN HEART SURGERY: A CASE REPORT AND LITERATURE REVIEW

Reviewer's code: 03846666

Position: Peer Reviewer

Academic degree: FACC, MD, MSc, PhD

Professional title: Academic Research, Attending Doctor

Reviewer's Country/Territory: Italy

Author's Country/Territory: Turkey

Manuscript submission date: 2021-04-02

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-05-31 07:04

Reviewer performed review: 2021-05-31 14:13

Review time: 7 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
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	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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statements

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

SPECIFIC COMMENTS TO AUTHORS

This is a well-written case report. The manuscript is concise and can be quite informative to the readers. There are few typographical errors. The case reports highlights the importance of a heart team.

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Manuscript NO: 65121

Title: ANESTHETIC MANAGEMENT OF A CHILD WITH CORNELIA DE LANGE SYNDROME UNDERGOING OPEN HEART SURGERY: A CASE REPORT AND LITERATURE REVIEW

Reviewer's code: 03445716

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Attending Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: Turkey

Manuscript submission date: 2021-04-02

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-06-03 01:03

Reviewer performed review: 2021-06-03 02:02

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
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 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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

SPECIFIC COMMENTS TO AUTHORS

The presented case demonstrates an example of a tough perioperative management period of a child with multisystemic congenital disease undergone multiple high-risk surgeries such as: Percutaneous Pulmonary Valvuloplasty Session, Correction of PS and closure of PDA and ASD. This team used reasonable treatment and rehabilitation plan, so that the child was discharged from hospital successfully. The conclusion of this paper has reference value for the treatment and management of similar cases in the future.

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Manuscript NO: 65121

Title: ANESTHETIC MANAGEMENT OF A CHILD WITH CORNELIA DE LANGE SYNDROME UNDERGOING OPEN HEART SURGERY: A CASE REPORT AND LITERATURE REVIEW

Reviewer's code: 03357367

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Academic Research, Doctor, Professor

Reviewer's Country/Territory: France

Author's Country/Territory: Turkey

Manuscript submission date: 2021-04-02

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-05-31 19:31

Reviewer performed review: 2021-06-11 15:05

Review time: 10 Days and 19 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
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
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Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous

statements

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

SPECIFIC COMMENTS TO AUTHORS

I have carefully read the manuscript entitled "ANESTHETIC MANAGEMENT OF A CHILD WITH CORNELIA DE LANGE SYNDROME UNDERGOING OPEN HEART SURGERY: A CASE REPORT AND LITERATURE REVIEW". This manuscript is announced as containing two parts, on one side a case report and on the other part a literature review. The topic is clinically relevant, but several specific points should be addressed prior to publication. From a general perspective, the author should provide more detailed information on the syndrome, as the claim to have done a literature review. For instance, it is difficult to claim a precise prevalence as the syndrome retains multiple clinical forms. Even if the exact incidence is unknown, Cornelia de Lange syndrome is likely to affect 1 in 10,000 to 30,000 newborns. The condition is probably underdiagnosed because affected individuals with mild or uncommon features may never be recognized as having Cornelia de Lange syndrome. Moreover, the genetics are complex so the authors should at least cite the key characteristics that lead to some understanding of the inheritance of the syndrome. Furthermore, one would expect a more detailed phenotypic description as the authors claim a review of the literature. Considering the case report, the clinical description is rather surprising with regards to the syndrome. The authors write that intrauterine growth retardation was linked of ABO maternal-fetal incompatibility. Cornelia de Lange syndrome is characterized by slow growth before and after birth. Does this mean that the case was undiagnosed at that time? Was a prenatal follow-up in place as ABO incompatibility was recognized? Are prenatal ultrasounds available? When was the diagnosis of Cornelia de Lange syndrome made? The authors should provide more detailed clinical and laboratory data concerning the cardiac aspects of the case. What are the medical arguments in favor of the surgical



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treatment? What are the expected benefits for the infant, in the context of the Cornelia de Lange syndrome? The authors should make a more factual presentation of the case prior to going for the technical aspects. Surgical repair is only sparsely described. Hemodynamics might be represented in graphic display to outline the main features the authors want to highlight. The authors should provide a detailed clinical description of the situation at discharge in order to allow an objective assessment of the clinical benefits of the medical decisions. For example, the authors state that airway management is of particular interest. Nevertheless, they provide insufficient data to underpin this statement. For instance, postoperative iconographic support material is missing to support several statements. In conclusion, patient with Cornelia de Lange syndrome was seen that prognosis change over the years for sure, but part of the improvement is linked to diagnosis of milder forms. The authors should have a more comprehensive general discussion.