



## 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

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	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**

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.



## PEER-REVIEW REPORT

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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

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Peer-reviewer</b>	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.



## PEER-REVIEW REPORT

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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

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<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
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer</b>	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.



## PEER-REVIEW REPORT

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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

<b>Scientific quality</b>	<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
<b>Language quality</b>	<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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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.