

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 57176

**Title:** Abernethy syndrome in Slovenian children: Case series and review of the literature

**Reviewer's code:** 03733791

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Attending Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Slovenia

**Manuscript submission date:** 2020-05-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-01 04:52

**Reviewer performed review:** 2020-06-02 15:01

**Review time:** 1 Day and 10 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 Grade E: Do not publish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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input checked="" type="checkbox"/> Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<b>Peer-reviewer statements</b>	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**

This manuscript reported five cases with Abernethy malformation, which is a rare malformation in children. By review this paper, I have some suggestions. 1. There were no pictures that presented the malformation, for example CT, MRI or portography. You should add this. 2. The type I Abernethy malformation was diagnosed in all patients with the extrahepatic malformation, which was different with the previous reports. The type I might be misdiagnosed by CT or MRI, which should be diagnosed by the portography after occlusion of the portosystemic shunt. Therefore, the type I malformation may be misdiagnosed in this manuscript due to the absence of portography. 3. In treatment for Type I malformation, there was only one patient treated by liver transplantation, and the other two were treated by medical therapy. But the two patients have some clinical presentations, I think they should be treated by liver transplantation. How do you think about it? 4. Please describe the shortage of this study in the discussion.

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 57176

**Title:** Abernethy syndrome in Slovenian children: Case series and review of the literature

**Reviewer's code:** 05061028

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** Japan

**Author's Country/Territory:** Slovenia

**Manuscript submission date:** 2020-05-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-06-04 01:33

**Reviewer performed review:** 2020-06-08 07:30

**Review time:** 4 Days and 5 Hours

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



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#### **SPECIFIC COMMENTS TO AUTHORS**

This paper is very interesting case series of Abernethy syndrome. There is no image in this paper. I want to see the characteristic images of ultrasonography, CT and MRI. In your series, two patients presented a high signal intensity in the globus pallidus in brain MRI. This change is thought to be related hypermanganesemia. For example, please refer this report that shows the course of brain MRI and the value of serum manganese (Liver resection for a congenital intrahepatic portosystemic shunt in a child with hyperammonemia and hypermanganesemia: a case report. Surg Case Rep. 2020 Apr 17;6(1):73. doi: 10.1186/s40792-020-00838-5. PMID: 32303849). If you have, how is the value of serum manganese?

## PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 57176

**Title:** Abernethy syndrome in Slovenian children: Case series and review of the literature

**Reviewer's code:** 02549885

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Slovenia

**Manuscript submission date:** 2020-05-30

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2020-05-31 02:37

**Reviewer performed review:** 2020-06-08 12:55

**Review time:** 8 Days and 10 Hours

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



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#### **SPECIFIC COMMENTS TO AUTHORS**

Abernethy syndrome is a rare congenital anomaly. This paper presented a case series with 5 patients, and the clinical manifestations contained common and rare. And also introduced the treatment and follow-up results. This work does many benefits to other clinic workers.

## RE-REVIEW REPORT OF REVISED MANUSCRIPT

**Name of journal:** World Journal of Gastroenterology

**Manuscript NO:** 57176

**Title:** Abernethy syndrome in Slovenian children: Case series and review of the literature

**Reviewer's code:** 02549885

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Slovenia

**Manuscript submission date:** 2020-05-30

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-08-11 23:50

**Reviewer performed review:** 2020-08-13 10:12

**Review time:** 1 Day and 10 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>Peer-reviewer statements</b>	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

This is a case report of growing knowledge of potential clinical presentations, course and complications of congenital portosystemic shunts (CPSS) in children, which is valuable for clinical guidance, but there are still some problems. 1) DEXA should be written in extent before being abbreviated in the text. 2) What method was used in case 2 at 8 months follow-up to detect spontaneous shunt regression?



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**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Attending Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** Slovenia

**Manuscript submission date:** 2020-05-30

**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-08-12 13:28

**Reviewer performed review:** 2020-08-17 01:49

**Review time:** 4 Days and 12 Hours

<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 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>Peer-reviewer statements</b>	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



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No.