



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 74054

Title: Modified endoscopic ultrasound-guided selective N-butyl-2-cyanoacrylate injections for gastric variceal hemorrhage in left-sided portal hypertension: A case report

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05465429

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor, Staff Physician

Reviewer's Country/Territory: Italy

Author's Country/Territory: China

Manuscript submission date: 2021-12-12

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-12-26 11:45

Reviewer performed review: 2022-01-04 18:04

Review time: 9 Days and 6 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 Grade E: Do not publish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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No



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Publishing
Group**

7041 Koll Center Parkway, Suite
160, Pleasanton, CA 94566, USA
Telephone: +1-925-399-1568
E-mail: bpgoffice@wjgnet.com
https://www.wjgnet.com

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
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SPECIFIC COMMENTS TO AUTHORS

Dear Editor, I have read with interest the manuscript entitled "Modified endoscopic ultrasound-guided selective N-butyl-2-cyanoacrylate injections for gastric variceal hemorrhage in patients with left-sided portal hypertension: A case report" by Yang J et al. This was a case report showing the feasibility of a modified technique for EUS-guided NBC injection in bleeding gastric varices. I consider the manuscript relevant for the research context. I have the following minor comment only: -Imaging examinations: The endoscopic description should be more detailed. "Gastroscopy confirmed GV hemorrhage" --> GV with signs of recent bleeding in the absence of active bleeding?. To my knowledge no cases of actively bleeding GV treated by EUS-guided NBC injection have been reported to date. Furthermore the location of the treated GV should be reported (fundus?). Sarin's classification should be provided as well (IGV1?).



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Reviewer's code: 03024263

Position: Associate Editor

Academic degree: DSc, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2021-12-12

Reviewer chosen by: Xin Liu (Online Science Editor)

Reviewer accepted review: 2022-01-13 10:24

Reviewer performed review: 2022-01-14 11:17

Review time: 1 Day

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
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SPECIFIC COMMENTS TO AUTHORS

Indeed, current guidelines support the use of cyanoacrylate injection – either as N-butyl-2-cyanoacrylate (e.g., Histoacryl) or 2-octyl-cyanoacrylate (e.g., Dermabond) – for acutely bleeding GOV2/IGV1/IGV2. Evaluation of gastroesophageal varices using EUS has been conducted since the 1980s, however, only single cases of using the EUS-guided selective N-butyl-2-cyanoacrylate injections for gastric variceal hemorrhage are described (DOI: 10.1159/000510132). This allows to recommend this manuscript for publication in the World Journal of Clinical Cases. However, the manuscript needs substantial editing. 1. It is necessary to clarify what type of IGV (IGV1 or IGV2) the patient had. 2. It is necessary to clearly explain the choice of the injection site (the confluences of GV, but not the feeding and perforating vessels, which are more dangerous) and a lower than usual dose of the N-butyl-2-cyanoacrylate. 3. Why do the authors consider this approach to be more effective and safe? Of course, theoretically this is excellent, but it is necessary to give an explanation from the standpoint of evidence-based medicine. 4. The authors should emphasize that the described technique can be used only in hemodynamically stable patients. 5. Given that the problem remained (splenic vein obstruction), how to explain the improvement of left-sided portal hypertension three months after the injection? 6. The authors write: "When pancreatic disease obstructs the splenic vein flow, the pressure of the left portal vein system increases, and the collateral circulations between the splenic vein and the portal vein gradually open up, which would lead to gastric variceals". It should be clarified that in segmental portal hypertension, blood flows retrogradely through the short and posterior gastric veins and the gastroepiploic veins resulting in the formation of GVs.



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Peer-review model: Single blind

Reviewer's code: 05260574

Position: Peer Reviewer

Academic degree: MD, MSc, PhD

Professional title: Consultant Physician-Scientist

Reviewer's Country/Territory: Egypt

Author's Country/Territory: China

Manuscript submission date: 2021-12-12

Reviewer chosen by: Xin Liu (Online Science Editor)

Reviewer accepted review: 2022-01-18 19:34

Reviewer performed review: 2022-01-18 19:52

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
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SPECIFIC COMMENTS TO AUTHORS

Such innovative technique to solve a serious condition, we need to know the elongate follow up period and check any complications that occurred during this period



RE-REVIEW REPORT OF REVISED MANUSCRIPT

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Reviewer's code: 03024263

Position: Associate Editor

Academic degree: DSc, MD, PhD

Professional title: Professor

Reviewer's Country/Territory: Russia

Author's Country/Territory: China

Manuscript submission date: 2021-12-12

Reviewer chosen by: Xue-Li Chen (Quit 2022)

Reviewer accepted review: 2022-02-14 16:13

Reviewer performed review: 2022-02-14 16:32

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 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 checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous



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E-mail: bpgoffice@wjgnet.com
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Conflicts-of-Interest: [] Yes [] No

SPECIFIC COMMENTS TO AUTHORS

I have no comments.