

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 79850

**Title:** Preoperative 3D reconstruction and fluorescent indocyanine green for laparoscopic duodenum preserving pancreatic head resection: A case report

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 03468910

**Position:** Editorial Board

**Academic degree:** PhD

**Professional title:** Assistant Professor, Surgeon

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

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

**Manuscript submission date:** 2022-09-09

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-09-30 20:37

**Reviewer performed review:** 2022-10-01 05:32

**Review time:** 8 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 Grade E: Do not publish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 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 type="checkbox"/> Yes <input checked="" 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

The topic of this manuscript falls within the scope of World Journal of Clinical Cases. The Authors reported a female patient, aged 60 years, with a pancreatic head mass. The patient underwent a laparoscopic duodenum preserving pancreatic head resection. This procedure was improved by preoperative 3D model reconstruction and by the use of intravenous indocyanine green (ICG) fluorescent before surgery for real-time navigation with fluorescent display to guide the surgical dissection and prevent injury to vessels and biliary tract. In follow-up there was no bile leakage or pancreatic leakage or delayed gastric emptying. The Authors conclude that the use of preoperative 3D was helpful in precise planning, and the intraoperative fluorescent navigation aided in the surgical dissection. Introduction, material and Methods and Results are good. Discussion sound well. Complete the References.

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**Reviewer's code:** 03669557

**Position:** Editorial Board

**Academic degree:** FACS, MD, PhD

**Professional title:** Doctor, Lecturer, Postdoc, Research Assistant Professor, Surgeon

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

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

**Manuscript submission date:** 2022-09-09

**Reviewer chosen by:** Dong-Mei Wang

**Reviewer accepted review:** 2022-10-05 15:22

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**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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	Conflicts-of-Interest: [ <input type="checkbox"/> ] Yes [ <input checked="" type="checkbox"/> ] No

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

Interesting and innovative manuscript. But there are some improvements to be made. The title should include "Report of a case". Benign diseases and their incidence should be defined in the introduction. How long before the surgery was the dye administered? The "Results is too short" section. Few and dated references. Histological figures should be added. Very good quality video. Major revision required