

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57275

Title: Feasibility and efficacy evaluation of metallic biliary stents eluting gemcitabine and cisplatin for extrahepatic cholangiocarcinoma.

Reviewer's code: 02572474

Position: Peer Reviewer

Academic degree: FASGE, PhD

Professional title: Assistant Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2020-06-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-04 19:00

Reviewer performed review: 2020-06-06 17:48

Review time: 1 Day and 22 Hours

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 Grade E: Do not publish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 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
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

SPECIFIC COMMENTS TO AUTHORS

Comments to the Author I congratulate the authors for carrying out this experimental study, which is of great clinical importance. I also congratulate you on the reflection made at the end of page 26, showing the limitations of this article and this type of study. I hope you understand that the evaluations carried out are aimed at making the study less biased and divergent, in addition to making it more interesting for your readers.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 57275

Title: Feasibility and efficacy evaluation of metallic biliary stents eluting gemcitabine and cisplatin for extrahepatic cholangiocarcinoma.

Reviewer's code: 02954069

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer's Country/Territory: Turkey

Author's Country/Territory: China

Manuscript submission date: 2020-06-03

Reviewer chosen by: AI Technique

Reviewer accepted review: 2020-06-06 14:46

Reviewer performed review: 2020-06-13 10:33

Review time: 6 Days and 19 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 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 statements	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 authors performed a study to evaluate the drug release property, anti-tumor activity, and biocompatibility of gemcitabine and/or cisplatin eluting stents for the treatment of extrahepatic cholangiocellular carcinoma. In vivo part was performed on 27 pigs which were divided into 5 groups according to the drugs used. The study is informative and well-written. Below, are my comments about the manuscript. 1. The number of pigs included to the study is too low (6 in each group) to make a conclusion. 2. As the author stated, endoscopic stent placement is associated with high rates of stent occlusion. The aim of local inhibition of tumor proliferation is to prevent stent obstruction due to tumor ingrowth. However, the authors euthanized pigs only 4 weeks after stent insertion, which is a very short time to make a conclusion about the efficacy of drug eluting. 3. Based on these results, it is not possible to make a conclusion that DES may be considered as an alternative strategy for the palliative therapy of ECC patients and help improve their survival and quality of life. 4. The authors used FC stents and fixed them on the bile duct wall with 5.0 suture to avoid stent migration. However, this does not correspond to clinical practice since non-covered stents are used to prevent migration and acute cholecystitis.