



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 54102

**Title:** The role of fibrin sealant for esophageal anastomosis: A phase II study

**Reviewer's code:** 02461297

**Position:** Peer Reviewer

**Academic degree:** FACC, MD, PhD

**Professional title:** Associate Professor, Research Scientist

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2020-01-20

**Reviewer chosen by:** Le Zhang

**Reviewer accepted review:** 2020-02-18 02:15

**Reviewer performed review:** 2020-02-27 10:50

**Review time:** 9 Days and 8 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	RE-REVIEW	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept (High priority)	<input type="checkbox"/> Yes	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Accept (General priority)	<input type="checkbox"/> No	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Minor revision		<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision		Conflicts-of-Interest:
<input type="checkbox"/> Grade E: Do not publish		<input type="checkbox"/> Rejection		<input type="checkbox"/> Yes
				<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

McKeown esophagectomy is one of the most commonly used procedures for the



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potential advantages of adequate resection and extensive lymphadenectomy it provides. Compared with intrathoracic anastomosis after esophagectomy, the cervical anastomosis is associated with a higher risk of postoperative complications, especially of anastomotic leakage. A variety of anastomotic methods have been developed to prevent anastomotic leakage after esophagectomy, including the application of fibrin sealant on anastomosis. The fibrin sealant could strengthen the anastomosis and promote anastomotic healing by enabling polymerization and forming tight approximation of the anastomosis. However, the use of fibrin sealant as anastomotic sealant in esophageal surgery have been inconsistent. In this study, Lin et al enrolled patients undergoing McKeown surgery for esophageal/esophagogastric junction cancer, and evaluated the efficacy and safety of the application of porcine fibrin sealant in the prevention of anastomotic leakage. The study is well designed and the results are very interesting. The supplementary tables and figures are important, I suggest to include them in the main text, not as supplementary material. A minor language revision is required. Well done study.

#### **INITIAL REVIEW OF THE MANUSCRIPT**

##### ***Google Search:***

- The same title
- Duplicate publication
- Plagiarism
- No

##### ***BPG Search:***

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[ Y ] No



**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 54102

**Title:** The role of fibrin sealant for esophageal anastomosis: A phase II study

**Reviewer's code:** 02543557

**Position:** Peer Reviewer

**Academic degree:** FIAC, MD, PhD

**Professional title:** Professor, Research Scientist

**Reviewer's Country/Territory:** United States

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

**Manuscript submission date:** 2020-01-20

**Reviewer chosen by:** Le Zhang

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SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	RE-REVIEW	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept (High priority)	<input type="checkbox"/> Yes	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Accept (General priority)	<input type="checkbox"/> No	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Minor revision		<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision		Conflicts-of-Interest:
<input type="checkbox"/> Grade E: Do not publish		<input type="checkbox"/> Rejection		<input type="checkbox"/> Yes
				<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

This is an excellent clinical trials study about the fibrin sealant in esophageal



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anastomosis. The results are good, and well discussed. References are updated. Figures are helpful. Thank you.

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**PEER-REVIEW REPORT**

**Name of journal:** World Journal of Gastrointestinal Oncology

**Manuscript NO:** 54102

**Title:** The role of fibrin sealant for esophageal anastomosis: A phase II study

**Reviewer’s code:** 02461304

**Position:** Peer Reviewer

**Academic degree:** MD, PhD

**Professional title:** Professor

**Reviewer’s Country/Territory:** Germany

**Author’s Country/Territory:** China

**Manuscript submission date:** 2020-01-20

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SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	RE-REVIEW	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept (High priority)	<input type="checkbox"/> Yes	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Accept (General priority)	<input type="checkbox"/> No	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Minor revision		<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision		Conflicts-of-Interest:
<input type="checkbox"/> Grade E: Do not publish		<input type="checkbox"/> Rejection		<input type="checkbox"/> Yes
				<input type="checkbox"/> No

**SPECIFIC COMMENTS TO AUTHORS**

Interesting study of efficacy and safety of fibrin sealant for prevention of anastomotic



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leakage in esophageal cancer patients. The study is well organized. The study acceptable.  
Thank you.

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