



# BAISHIDENG PUBLISHING GROUP INC

7901 Stoneridge Drive, Suite 501, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

http://www.wjgnet.com

## PEER-REVIEW REPORT

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

**Manuscript NO:** 32245

**Title:** The effects of albumin/gloutaraldeide glue on healing of colonic anastomosis in rats.

**Reviewer's code:** 03646554

**Reviewer's country:** China

**Science editor:** Yuan Qi

**Date sent for review:** 2016-12-30

**Date reviewed:** 2017-01-01

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

It's great to study the novel material inspired by other field, with the exciting results! We believe it could be more impressive and convincing if they provide more pictures concerning the surgery and pathology, if available.

## PEER-REVIEW REPORT

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

**Manuscript NO:** 32245

**Title:** The effects of albumin/gloutaraldeide glue on healing of colonic anastomosis in rats.

**Reviewer's code:** 03252844

**Reviewer's country:** Denmark

**Science editor:** Yuan Qi

**Date sent for review:** 2016-12-30

**Date reviewed:** 2017-01-13

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

### COMMENTS TO AUTHORS

An interesting paper on sealment of experimental anastomoses in a rat model. My main concern is the statistics used. The number of rats are sufficient to use more conservative analyses. Firstly a normality test is mandatory, secondly, in my opinion, either compare CONTROL4 and BIOGLUE4 (and day 8s) according to the normality test or compare all 4 groups with ANOVA and specify the post HOC analysis. Another concern is the collagenase analysis where one-side of the anastomosis is analysed with 1 cm of adjacent colon. It was previously demonstrated that the MMP levels in the anastomotic line is very different from adjacent tissue (?gren 2006; Krarup 2013) - how does this relate to your analysis? The column plots should be rearranged in the order of Control4, BIOGLUE4, Control8, BIOGLUE8 and please add comparissons line in the plots including p-values. Minor issues the description of groups done in two sections; operative technique and groups - its too long and quite confusing - make it simplere. Some language editing is required. The paper is way too long, especially the



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<http://www.wjgnet.com>

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discussions section. The paper could benefit significantly from the above suggestings

## PEER-REVIEW REPORT

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

**Manuscript NO:** 32245

**Title:** The effects of albumin/gloutaraldeide glue on healing of colonic anastomosis in rats.

**Reviewer's code:** 03665518

**Reviewer's country:** Portugal

**Science editor:** Yuan Qi

**Date sent for review:** 2016-12-30

**Date reviewed:** 2017-01-25

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

### COMMENTS TO AUTHORS

Dear Authors, This is a unique report that is describing a usefulness of glue for colonic anastomosis of animals. Analysis is good, I would like to point out the following. The manuscript is good written. This report mentioned about only short term reaction of glue in the early period of anastomotic healing. In future, long term safety should be searched. Or is there any other report mentioned about short or long term safety of other digestive anastomosis (ex. gastric or small intestine)? The manuscript should be published after minor revision.