

January, 2014

Dear Editor,



**Title:** Amifostine enhances the antioxidant and hepatoprotective effects of UW and HTK preservation solutions

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

**ESPS Manuscript NO:** 7473

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

**Reviewer comment:** This is a nice article the data is reasonably presented further study details are needed

**Response:** I definitely agree with you. This subject requires to be supported with both experimental and clinical studies. Anyway, our aim is to offer community of medicine an idea to discuss.

**Reviewer comment:** The topic presented by the authors is very important due to the fact that there is an increasing number of transplanted organs. The manuscript contains the knowledge concerning the issue of lessening the adverse effects accompanying the transplantation but to a limited extent. Despite this, the manuscript is innovative. The title reflects the main theme and content of the material analyzed with the exception of the information that it is a randomized research. The abstract is clear for the reader. The research (as each randomized research) lacks the following data: randomization method, method of group size calculation, conducting interim analysis, trial algorithm, primary and secondary outcome measures, consort diagram. The results are shown quite clearly, however, I would recommend to introduce changes in the individual chapters. In graphics 1,3,4,5 there is no description of a vertical axis. The discussion is well planned. All issues raised in the chapter results are presented clearly and understandably. The language evaluation is grade C with the necessity of some language polishing – grammar mistakes. In case of acceptance, the manuscript should be read and corrected by a native speaker.

**Response:** We could like to thank for your positive opinions about manuscript. This study was performed by two surgeons experienced on surgical procedures of experimental studies. A simple randomization technique was used for this study. The rats were divided into groups by a colleague who is blind to the study. According to the advices of WJG editor, graphics were deleted from the manuscript text. Results are presented in tables. Primary aim of this study is to observe possible effects of amifostin in increasing cytoprotective effects of UW and HTK solutions. Manuscript is revised and rewritten by a native English-speaking colleague who has a Physiology PhD title

**Reviewer comment:** In the manuscript: Antioxidant and cytoprotective effect of amifostine, Akbulut et al. have examined the protective effect of amifostine in preservation of liver in combination with known

protective agents. The results are well represented and define the suitability of amifostine along with HTK and UW preservation solutions. Major: In order to further examine the cytoprotective effect of these solutions, the authors should also examine the effect of these agents on human liver cells (or cell lines) whichever is available. This analysis will help to correlate the cytoprotective effect of amifostine that could be observed when human tissues are preserved before transplantation. If the data on HTK and UW is available in human cells, they should discuss and cite these references in the paper. Minor: Some spelling errors found on page 3 (abstract): laparotomy versus laparotomy o-bserved versus observed

**Response:** You are absolutely right. This study needs to be supported by further experimental studies. If amifostin is observed to potentialise the cytoprotective effects of HTK and UW solutions, this finding may lead its utilization for donor organs. Grammar and spelling errors are corrected by a native-English speaking colleague.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*

Sincerely yours,

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