

Format for ANSWERING REVIEWERS

January 22, 2015

Please find enclosed the edited manuscript in Word format (file name: 12716-review.doc).



Title: Modern advances in reducing anxiety and pain associated with cystoscopy:
Systematic review

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Name of Journal: World Journal of Translational Medicine

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

Major criticism:

1. First of all, this manuscript is not review article but prospective randomized trial.

Yes, this is a prospective trial with relevant systematic review of the published literature.

2. Authors should mention the receipts of the written informed and consent from patients in this study.

This has been addressed.

3. In the result section, author should mention the data of pre-operative and post-operative systolic and diastolic blood pressure, heart rate, and respiratory rate using table.

Table 2 has been added to summarize the periprocedural vital signs pre- and post-cystoscopy.

4. In discussion section, authors should mention the reasons why the music cannot affect on reduction of pain during flexible cytology.

Please refer to paragraph 3 in the Discussion section, which details the reason why music does not reduce pain during cystoscopy in this study. Contrary to other studies, our study did not show reduction of cystoscopy-related anxiety by listening to classical music during flexible cystoscopy, regardless of its indication. The lack of the effect of music in our group may be due to the small number of subjects. In addition, due to the patient demographics of the Veterans Affairs hospitals, the majority of our patients have been Caucasian males. Subsets of patients treated at Veterans Affairs hospitals respond to painful stimuli differently than their civilian counterparts, possibly due to the increased prevalence of PTSD and generalized anxiety disorder.

5. All authors should read this manuscript before the submission. In the figure 1 and 2,

there are references No 24 and 25.

The manuscript was read by all authors. The figures have been revised.

6. In the table 1, authors should make columns that are total, the music group, the no music group, and statistics, and fill in the blanks.

Table 1 revised and columns added to both groups.

Minor criticism: 1 In the Table 1, authors should put “space” in front of Caucasian.

Corrected.

REVIEWER 2 [00401043]

This study investigated cystoscopy-related distress, reviewing benefits of intraurethral lidocaine use as well as of digital cystoscopes for reducing procedural anxiety and pain. Indeed, authors performed a study to investigate if listening classical music reduces anxiety and pain in patients treated at the Veterans Affairs Hospitals American undergoing flexible cystoscopy. **A point needs to be clarified: is there a difference in terms of pain and anxiety between music listeners/not listeners who had prior cystoscopy and those who didn't. An unknown procedure is more afraid than an old one. Analysis should consider these groups.**

Please refer to Discussion section, paragraph 3. Subsets of patients with history of bladder carcinoma that required repeated surveillance using office-based flexible cystoscopies were also included in this cohort. We observed that listening to music at time of respective cystoscopy did not influence their peri-procedural STAI anxiety scores when adjusting for other variables.

Review literature seems unnecessary: benefits of lidocaine and digital cystoscopes can be highlighted in Introduction alone. Authors should discuss about their results.

Addressed in the Discussion section, as noted above.

Finally, could a self chosen music be more relaxing?

This is an important point brought up by the reviewers, however, and for randomization and standardization purposes, the authors of this manuscript chose to use a similar type of music for all patients to reduce bias.

In addition, please find below a point by point response to the publisher comments:

1. The title was edited and reduced to 12 words only (page 1).
2. Please note Omer A. Raheem was added to the list of authors (page 1) as second author and also added to the updated Copyright Assignment form (signature on last page).
3. The Ethics approval, clinical trial registration, informed consent, conflict of interest and data sharing were all edited in the revised manuscript as per reviewer comments (page 2).
4. The Abstract has been edited and reformatted.
5. The Comment section was added.
6. The references have been revised. We acknowledge that references are not 36 in number, however, we elected to include the most recent and relevant articles that

addressed the subject matter in the contemporary published literature and to provide a list of references that are of critical value to both the journal and readers.
7. The figures have been revised.

We hope these revisions satisfy the editors and meet the journal standards. If you have any further questions or need further clarifications, please do not hesitate to contact us.

Sincerely,

A handwritten signature in black ink, consisting of a stylized, cursive 'K' followed by a horizontal line extending to the right.

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