OPEN PEER REVIEW

Open Peer Review (OPR)

As a new feature for progressing towards transparency, we decided to open a new window for all of our editors as well as authors titled "**Open Peer Review**". We hope by this new facility, our reviewers will be more motivated and authors will be more satisfied with the review process. We believe that publishing our peer review reports could make a transparent and clear environment for all our efforts within a journal, but not all reviewers tend to publish their comments.

What is "Open Peer Review" process?

An "Open Peer Review" process is making the details of all review process (including reviewers, associate editors, and EICs comments) as "Public" as it is agreed by EIC, Authors, and reviewers.

Advantages of "Open Peer Review" process

- More transparency, constructiveness and tactful comments of the peer review process: leads to an increase in the quality of reviews
- More motivations for all involved roles in the review process
- Authors' satisfactions from the review process: Increases honesty between authors and reviewers
- Education of both authors and new students
- Prevents reviewers from following their individual agendas and leading to the detection of reviewers' conflicts of interests

You can find out more at:
https://sites.kowsarpub.com/kowsar/knowledgebase/category/tree.html#opr.html

Anesthesiology and Pain Medicine
Article DOI: 10.5812/aapm.112832
Published in: Anesthesiology and Pain Medicine: 11(1); e112832

Peer Review Report for "Topical Sevoflurane: A Novel Treatment for Chronic Pain Caused by Venous Stasis Ulcers"

Author(s): Mayank Aranke, Cynthia T Pham, Melis Yilmaz, Jason K Wang, Vwaire Orhurhu, Daniel An, Elyse M. Cornett, Alan D. Kaye, Anh L Ngo, Farnad Imani, Reza Farahmand Rad, Giustino Varrassi, Omar Viswanath, Ivan Urits

Review Timeline:

Submit Date: 10 Jan 2021
Revised Date: 14 Feb 2021
Accepted Date: 14 Feb 2021

Revision (0)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

Reza Aminnejad: Reviewer | **Revision** (0) 18 Jan 2021

Dear AE,
I read this fluently written manuscript with great interest due to its brilliant and novel topic and I can recommend the authors to improve the quality of their valuable work with the following points:
1- Please address the CVI in the abstract.
2- Please address TGF-B in line 37, CEAP in line 77, SF-12 in line 85, TNF-alpha in line 110, HFIP in line 137 and ADL in line 236.
3- Please capitalize “a” in a beta (line 156).
4- Please replace “anesthesia” with “analgesia” where you are going to focus on analgesic properties of sevoflurane such as in line 205.
5- Please explain more about NAS score in line 228.
Thanks.

REFEREE: Associate Editor | **Revision** (0) 30 Jan 2021

Dear EIC,

Based on reviewers' comments this article needs some corrections. Also, consider and add the below references:

1) Oriby ME, Elrashidy A. Comparative Effects of Total Intravenous Anesthesia with Propofol and Remifentanil Versus Inhalational Sevoflurane with Dexmedetomidine on Emergence Delirium in Children Undergoing Strabismus Surgery, Anesth Pain Med. 2021;11(1):e109048.

2) Fathy W, Hussein M, Khalil H. Comparative Effect of Local Anesthesia with Lidocaine 2% Versus Topical Anesthesia on Cognitive Function in Ophthalmic Surgery, Anesth Pain Med. 2019;9(6):e97172.

3) Safaeian R, Hassani V, Mohseni M, Ahmadi A, Ashraf H, et al. Comparison of the Effects of Propofol and Sevoflurane on QT Interval in Pediatrics Undergoing Cochlear Implantation: A Randomized Clinical Trial Study, Anesth Pain Med. 2019;9(4):e88805.

4) Omara AF, Abdelrahman AF, Elshiekh ML. Recovery with Propofol Anesthesia in Children Undergoing Cleft Palate Repair Compared with Sevoflurane Anesthesia, Anesth Pain Med. 2019;9(3):e92076.

5) Hajijafari M, Mehrzad L, Asgarian FS, Akbari H, Ziloochi MH. Effect of Intravenous Propofol and Inhaled Sevoflurane Anesthesia on Postoperative Spirometric Indices: A Randomized Controlled Trial, Anesth Pain Med. 2019;9(6):e96559.

6) Hassani V, Movaseghi G, Safaeeyan R, Masghati S, Ghorbani Yekta B, et al. Comparison of Ephedrine vs. Norepinephrine in Treating Anesthesia-Induced Hypotension in Hypertensive Patients: Randomized Double-Blinded Study, Anesth Pain Med. 2018;8(4):e79626.

7) Fathy W, Hussein M, Khalil H. Comparative Effect of Local Anesthesia with Lidocaine 2% Versus Topical Anesthesia on Cognitive Function in Ophthalmic Surgery, Anesth Pain Med. 2019;9(6):e97172.

8) Safaeian P, Mattie R, Hahn M, Plastaras CT, McCormick ZL. Novel Treatment of Radicular Pain With a Multi-Mechanistic Combination Topical Agent: A Case Series and Literature Review, Anesth Pain Med. 2016;6(2):e33322.

9) Chandra S, Sugiarto A, Hotasi R, Chrysantia Melati A, Harmani B. The Effectiveness of 2% Lidocaine Gel Compared to 0.5% Tetracaine Eye Drop As Topical Anesthetic Agent for Phacoemulsification Surgery, Anesth Pain Med. 2018;8(2):e68383.

Regards

REFEREE: EIC | **Revision (0)** 30 Jan 2021

Dear Author,

Your article is reviewed by the reviewers carefully. According to their comments, this document needs minor revision. Please follow their comments as requested.

Thanks.

OPEN PEER REVIEW

Revision (1)

Reply to Reviewers

Ideally, the reviewing process can significantly improve the submitted manuscripts by allowing the authors to take into account the advice of reviewers. Author(s) must reply to all reviewers' comments in a separate Word file, point by point. A "**Reply to Reviewers**" document is submitted along with revised manuscript during submission of revised files, summarizing the changes that the authors made in response to the reviewers' comments. The responses to reviewers' comments specifies how the authors addressed each comment the reviewers made.

You can read the authors' responses to the reviewers' comments in the next page.

Reply to Reviewers

Feb 9, 2021

Manuscript ID: 112832
Title: Topical Sevoflurane: A novel treatment for chronic pain caused by venous stasis ulcers

Dear Editor in Chief,

Thank you for your recent correspondence regarding our paper on **Topical sevoflurane: A novel treatment for chronic pain caused by venous stasis ulcers**
Here is a corrected manuscript with a point by point response to comments from the Reviewers.

Specifically, with regard to Reviewers' Comments to Author:

Reviewers' Comments:
Reviewer 1:
I read this fluently written manuscript with great interest due to its brilliant and novel topic and I can recommend the authors to improve the quality of their valuable work with the following points:
1- Please address the CVI in the abstract. ***OK***
2- Please address TGF-B in line 37, CEAP in line 77, SF-12 in line 85, TNF-alpha in line 110, HFIP in line 137 and ADL in line 236. ***OK***
3- Please capitalize "a" in a beta (line 156). ***OK***
4- Please replace "anesthesia" with "analgesia" where you are going to focus on analgesic properties of sevoflurane such as in line 205. ***OK***
5- Please explain more about NAS score in line 228 ***OK****.*

Associate Editor's Comments:
Associate Editor 1:
Dear Editor in Chief
Based on reviewers'comments this article need some corrections. Also, consider and add below references:
1) Oriby ME, Elrashidy A. Comparative Effects of Total Intravenous Anesthesia with Propofol and Remifentanil Versus Inhalational Sevoflurane with Dexmedetomidine on Emergence Delirium in Children Undergoing Strabismus Surgery, Anesth Pain Med. 2021;11(1):e109048. ***OK***
2) Fathy W, Hussein M, Khalil H. Comparative Effect of Local Anesthesia with Lidocaine 2% Versus Topical Anesthesia on Cognitive Function in Ophthalmic Surgery, Anesth Pain Med. 2019;9(6):e97172. ***OK***
3) Safaeian R, Hassani V, Mohseni M, Ahmadi A, Ashraf H, et al. Comparison of the Effects of Propofol and Sevoflurane on QT Interval in Pediatrics Undergoing Cochlear Implantation: A Randomized Clinical Trial Study, Anesth Pain Med. 2019;9(4):e88805. ***OK***
4) Omara AF, Abdelrahman AF, Elshiekh ML. Recovery with Propofol Anesthesia in Children Undergoing Cleft Palate Repair Compared with Sevoflurane Anesthesia, Anesth Pain Med. 2019;9(3):e92076. ***OK***
5) Hajijafari M, Mehrzad L, Asgarian FS, Akbari H, Ziloochi MH. Effect of Intravenous Propofol and Inhaled Sevoflurane Anesthesia on Postoperative Spirometric Indices: A Randomized Controlled Trial, Anesth Pain Med. 2019;9(6):e96559. ***OK***
6) Hassani V, Movaseghi G, Safaeeyan R, Masghati S, Ghorbani Yekta B, et al. Comparison of Ephedrine vs. Norepinephrine in Treating Anesthesia-Induced Hypotension in Hypertensive Patients: Randomized Double-Blinded Study, Anesth Pain Med. 2018;8(4):e79626. ***OK***
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8) Chandra S, Sugiarto A, Hotasi R, Chrysantia Melati A, Harmani B. The Effectiveness of 2% Lidocaine Gel Compared to 0.5% Tetracaine Eye Drop As Topical Anesthetic Agent for Phacoemulsification Surgery, Anesth Pain Med. 2018;8(2):e68383. ***OK***
Regards
AE

Sincerely,
Corresponding author

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Revision (1)

Here, you can see the **Reviewers**, **Associate Editors** and **EICs'** comments from the beginning to the end of the revision process.

REFEREE: Reviewer | **Revision** (1) — 14 Feb 2021

Dear AE,
I read this revised format and all questions were correctly answered.
Sincerely

REFEREE: Associate Editor | **Revision** (1) — 14 Feb 2021

Dear EIC,
Based on reviewers' comments the requested items were corrected.
Final decision: Acceptance
Regards

REFEREE: EIC | **Revision** (1) — 14 Feb 2021

Dear Author,
The document is reviewed carefully by the reviewers. According to their comments and your revisions as requested, this manuscript is accepted.
Thanks.