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
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Peer Review Report for "Effect of Different Loading Doses of Dexmedetomidine on Controlled Hypotension and the Incidence of Bradycardia During Rhinoplasty: A Clinical Trial"

Author(s): Soudabeh Djalali Motlagh, Faranak Rokhtabnak, Mohammad Reza Ghodraty, Mojtaba Maleki Delarestaghi, Sara Saadat, Zeinab Araghi

Review Timeline:

Submit Date: 21 Aug 2021
Revised Date: 7 Sep 2021
Accepted Date: 7 Sep 2021

Revision (0)

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

REFEREE: Reviewer | **Revision** (0) 1 Sep 2021

Dear AE,
I read the manuscript, this topic is very good
- It did not have any problem in methodology, analysis, results. Suggest to the author to mention the following 6 references:
- 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.
- Mohammad Shehata I, Elhassan A, Alejandro Munoz D, Okereke B, Cornett EM, et al. Intraoperative Hypotension Increased Risk in the Oncological Patient. Anesth Pain Med. 2021;11(1):e112830.
- Kumar CM, Chua AWY, Imani F, Sehat-Kashani S. Practical Considerations for Dexmedetomidine Sedation in Adult Cataract Surgery under Local/Regional Anesthesia: A Narrative Review. Anesth Pain Med. 2021;11(4):e118271.
- Akhondzadeh R, Olapour A, Rashidi M, Elyasinia F. Comparison of Sedation with

Dexmedetomidine Alfentanil Versus Ketamine-Alfentanil in Patients Undergoing Closed Reduction of Nasal Fractures. Anesth Pain Med. 2020;10(4):e102946.
- Bahr MH, Rashwan DAE, Kasem SA. The Effect of Dexmedetomidine and Esmolol on Early Postoperative Cognitive Dysfunction After Middle Ear Surgery Under Hypotensive Technique: A Comparative, Randomized, Double-blind Study. Anesth Pain Med. 2021;11(1):e107659.
- Akhondzadeh R, Ghomeishi A, Soltani F, Khoshooei A. The Effect of Different Doses of Isoflurane on Hemodynamic Changes and Bleeding in Patients Undergoing Endoscopic Sinus Surgery under General Anesthesia. Anesth Pain Med. 2019;9(1):e57864.
Best regards

REFEREE: Reviewer | **Revision** (0) 1 Sep 2021

Dear AE,
This is an interesting study with quite relevant information. My comments are as follows:
1- The methods are inadequately explained, please describe the exact method for selecting patients, the numbers that were approached, declined, etc….
2- How did the assessor, blind about the group of the patient.
3- Please mention the weak and strong points of your study
4- For any drug that you used in this study, you should mention the drug name, dose, manufactory name, city, and country name that drugs were produced.
5- Post complication after surgery should be compared and mentioned in the result and specific table for all groups
6- Include the manufacturers of spss in the methodology.
7- Please insert and discuss the following article in the introduction and so in the discussion:
- Mahmoodpoor A, Ekrami E, Soleimanpour H. Dexmedetomidine: An All Sedation-in–One Drug in Critically Ill Patients with COVID-19. Pharm Sci. 2020;26(Suppl 1):580-81.
- Soleimanpour H, Shahsavari Nia K , Sanaie S , Ghojazadeh M , Alavian S M. Use of Dexmedetomidine in Liver Disease: A Systematic Review and Meta-Analysis, Hepat Mon. Online ahead of Print ; 19(10):e98530.
- Asri S, Hosseinzadeh H, Eydi M, Marahem M, Dehghani A, et al. Effect of Dexmedetomidine Combined with Inhalation of Isoflurane on Oxygenation Following One-Lung Ventilation in Thoracic Surgery. Anesth Pain Med. 2020;10(1):e95287.
- Ghojazadeh M , Paknezhad S P , Mohammadzadeh S, Vahed N , Vand Rajabpour Z , et al. Dexmedetomidine for Procedural Sedation in the Emergency Department: A Systematic Review. Shiraz E-Med J. In Press (In Press) :e113099.
Thanks.

REFEREE: Reviewer | **Revision** (0) 2 Sep 2021

Dear AE,
Comments for the authors:
- Plagiarism was not seen.
- It was better to use another drug to induce anesthesia .
- Due to the higher prevalence of bradycardia at older ages (due to SA node degeneration), the study of bradycardia was more valuable .

- References would be much better if the author used the all following six references:
- Rahimzadeh P, Faiz SHR, Imani F, Derakhshan P, Amniati S. Comparative addition of dexmedetomidine and fentanyl to intrathecal bupivacaine in orthopedic procedure in lower limbs. BMC Anesthesiol. 2018 Jun 6;18(1):62
- Imani F, Zaman B, De Negri P. Postoperative Pain Management: Role of Dexmedetomidine as Adjuvant. Anesth Pain Med. 2020;10(6):e112176.
- Amri P, Nahrini S, Hajian-Tilaki K, Hamidian M, Alipour SF, et al. Analgesic Effect and Hemodynamic Changes Due to Dexmedetomidine Versus Fentanyl During Elective Colonoscopy: A Double-Blind Randomized Clinical Trial. Anesth Pain Med. 2018;8(6):e81077.
- Janatmakan F, Nesioonpour S, Javaherforoosh Zadeh F, Teimouri A, Vaziri M. Comparing the Effect of Clonidine and Dexmedetomidine on Intraoperative Bleeding in Spine Surgery. Anesth Pain Med. 2019;9(1):e83967.
- JN S, Kumar S, Vijay T. To Compare the Efficacy of Dexmedetomidine Versus Labetalol in Providing Controlled Hypotension in Functional Endoscopic Sinus Surgery. Anesth Pain Med. 2021;11(1):e108915.
Ibrahim IM, Hassan R, Mostafa RH, Ibrahim MA. Efficacy of Dexmedetomidine Infusion Without Loading Dose on Hemodynamic Variables and Recovery Time During Craniotomy: A Randomized Double-blinded Controlled Study. Anesth Pain Med. 2021;11(2):e113410.
Thanks.

REFEREE: Reviewer | **Revision** (0) 2 Sep 2021

Dear AE,
This article is very interesting and useful.
MY comments to use below four references for this manuscript before acceptance:
- Ali H, Eissa S, Magdy H, Khashba M. Dexmedetomidine as an Additive to Local Anesthesia for Decreasing Intraocular Pressure in Glaucoma Surgery: A Randomized Trial. Anesth Pain Med. 2020;10(3):e100673
- Talebi G, Moayeri H, Rahmani K, Nasseri K. Comparison of Three Different Doses of Dexmedetomidine Added to Bupivacaine in Ultrasound-Guided Transversus Abdominis Plane Block; A Randomized Clinical Trial. Anesth Pain Med. 2021;11(2):e113778.
- Margulis R, Francis J, Tischenkel B, Bromberg A, Pedulla D, Grtisenko K, et al. Comparison of Dexmedetomidine and Dexamethasone as Adjuvants to Ultra-sound Guided Interscalene Block in Arthroscopic Shoulder Surgery: A Double-Blinded Randomized Placebo-Controlled Study. Anesth Pain Med. 2021;11(3):e117020.
- Imani F, Farahmand-Rad R, Salehi R, Alimian M, Jalali ZM, Mansouri A, Nader ND. Evaluation of adding dexmedetomidine to ropivacaine in pediatric caudal epidural block: a randomized, double-blind clinical trial. Anesth Pain Med. 2021;11(1):e112880.
Thanks.

REFEREE: Associate Editor | **Revision** (0) 3 Sep 2021

Dear EIC,
Based on the comments of reviewers I think this manuscript needs minor revision before considering it for publication in AAPM. Please pay more attention to consider ALL recommended references.

Thanks.

REFEREE: EIC | **Revision (0)**

4 Sep 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.

Dear reviewers

Thank you for your time spent reviewing our manuscript, we appreciate your recommendations to improve and upgrade the manuscript. The followings are :the revision and answers to the reviewers

:Reviewer 1

The method was revised due to your suggestion and was highlighted in the .1 .text

As it was shown in the methods section, the anesthesiologist who managed .2 anesthesia, according to the study protocol, and collected the data, as well as the surgeon were blinded to the study drugs. The anesthesia resident who prepared and set the infusion rate of the loading dose was not involved in anesthesia management and data recording. was not involved in anesthesia management .and data recording

.The mentioned case was performed and highlighted .3

.The mentioned case was performed and highlighted .4

.The mentioned case was highlighted in the results section .5

.The mentioned case was performed and highlighted .6

:Reviewer 4

.The mentioned case was performed and highlighted

With thanks for the recommended articles, we cited and discussed many of them .in our study

Best Regards

Dr. Faranak Rokhtabnak

The corresponding author

OPEN PEER REVIEW

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) 7 Sep 2021

Dear AE,
I read with interest this revised article. Authors could reply and correct the majority of requested items. The one point is as below:
- "Please, draw Figure 1 again. It is disordered."
They can correct the above mentioned Figure during publishing process.
Sincerely

REFEREE: Associate Editor | **Revision** (1) 7 Sep 2021

Dear EIC,
Based on reviewers' comments, this manuscript can be considered for publishing in Journal.
Final decision: Acceptance
Regards

REFEREE: EIC | **Revision** (1) 7 Sep 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.