

## Review Form 1.6

|                          |   |
|--------------------------|---|
| Journal Name:            | <b>Asian Journal of Dental Sciences</b>   |
| Manuscript Number:       | <b>Ms_AJDS_93617</b>  |
| Title of the Manuscript: | <b>Laser-assisted dental procedures: Is it a safe tool to be considered in pregnant patients? A Brief review.</b> |
| Type of the Article      | <b>Review Article</b>   |

### **General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajds.com/index.php/AJDS/editorial-policy> )

## Review Form 1.6

### PART 1: Review Comments

|                                     | Reviewer's comment   | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|-------------------------------------|--|---|
| <b>Compulsory</b> REVISION comments |  |   |
| <b>Minor</b> REVISION comments      | <p><b>First i would gladly thank you for this nice piece of science</b> 😊</p> <p>-Furthermore, fetal health is closely associated with the oral cavity's condition; for example, authors have <del>described</del> (Reported) the association between periodontal disease and preterm labor or low birth weight</p> <p>-We conducted <del>an electronic</del> (a digital) search in Pubmed using the search string “((dentistry) AND ((lasers) OR (laser therapy) AND (pregnancy)))”. We also conducted a manual <del>electronic</del> (Digital) search to retrieve other studies related to the topic using Google Scholar.</p> <p>- <del>We found 4 articles</del> <b>Four articles were found</b> (11- 14)</p> <p>- and radiographs should be used selectively following standard protective measures, such as a lead apron <b>and thyroid collar</b></p> <p>- They are considered safer because they are less hazardous to the eyes and are less likely to produce thermal tissue damage than class IV lasers (<b>What are Class IV lasers I think you better give a short hint about them</b>)</p> <p>- None of the authors <b>have</b> reported lesion recurrence or pregnancy &amp; labor related complications after the laser-assisted procedures. (<b>Check the meaning if okay then go with that</b>)</p> <p>- stemming from repeated vomiting or morning sickness during the first trimester as well as a possible increase in acid reflux due to <b>the lax</b> esophageal sphincter</p> <p>- however, we found no reported complications, <del>either</del> (<b>Plz remove either</b>)</p> <p>- and <b>the</b> use of <b>more sensitive high speed</b> digital devices, which administer less irradiation <b>time</b>, is preferable</p> <p>-The use of an Er,Cr:YSGG laser with a low concentration of sodium hypochlorite (NaOCl) provides results comparable to those from the use of the recommended higher concentrations (5.25%) during conventional endodontic procedures. This lower concentration can reduce the risk of the severity of hypochlorite accident if it is extruded through the apex (<b>Can u plz mention the lower concentration percentage</b>)</p> <p>-Plz unify the way with which the references were written</p> <p>Ref. 22 is not mentioning the year of publication which is so important</p> <p>Some references are pretty old such as Ref. 1 (Plz try to find more recent ones in order to support your point of view from recent literature)</p> |   |
| <b>Optional/General</b> comments    |  |   |

### PART 2:

|   | Reviewer's comment   | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

### Reviewer Details:

|                                  |                                    |
|----------------------------------|------------------------------------|
| Name:                            | <b>Ahmed Mohamed Ahmed Ismail</b>  |
| Department, University & Country | <b>Ain Shams University, Egypt</b> |