

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 69777

**Title:** Betel quid chewing and oral potential malignant disorders and the impact of smoking and drinking: a meta-analysis

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 00544833

**Position:** Editorial Board

**Academic degree:** DDS, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** Taiwan

**Author's Country/Territory:** China

**Manuscript submission date:** 2021-07-12

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-08-09 01:57

**Reviewer performed review:** 2021-08-09 10:33

**Review time:** 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

## SPECIFIC COMMENTS TO AUTHORS

This is a potential interesting manuscript by using meta-analysis review of oral premalignant lesions. Some useful results were obtained and reported. Some comments are raised as below. 1. "Abstract" conclusion: betel nut should be changed as betel quid or areca nut for accuracy. Similarly the authors should also check through text. 2. Betel nut [15]? 3. Whether drinking (not specific) is better to be instead by alcohol consumption or alcohol drinking? 4. Page 4, "Through reading literatures, we believed that betel quid has different damage for these precancerous lesions, but the mechanisms were similar". While clinical pictures may be similar, etiology, molecular changes and mechanism can show some difference. So different damage is possibly due to different mechanisms. This point should be mentioned and described in "Introduction" or "Discussion" (as below) 5. While some important studies were not used for meta-analysis, their contents should be discussed in "Discussion" section and referenced (e.g., J Oral Pathol Med. 2015 Mar;44(3):167-77; Oral Oncol. 2001 Sep;37(6):477-92; Oral Oncol. 2006 Jul;42(6):561-8; J Oral Pathol Med. 2017 Nov;46(10):1040-1045; Indian J Med Res. 2018 Dec;148(6):681-686; Int J Mol Sci. 2020 Oct 30;21(21):8104.). 6. Page 5, ".....a third author (Mengyuan Tian) would decide". "A third author can join to discuss and reach a consensus" seems better. 7. Table 2, study number: meaning of 125:876, 94:876 etc. 8. "A forest plot of the results of the individual studies and the pooled result was shown in Figure 2.". Past tense is better? 9. Page 9: Effect of drinking and betel quid chewing on oral potential malignant disorders 10. Some typewriting errors should be carefully checked and corrected (e.g., After u sing Endnote software, page 5 - exposure to smoking , etc.)