



**ESPS PEER-REVIEW REPORT**

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 18612

**Title:** Impairment of aspirin antiplatelet effects by non-opioid analgesic medication

**Reviewer’s code:** 00276417

**Reviewer’s country:** United Kingdom

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-26 12:46

**Date reviewed:** 2015-04-27 01:58

| CLASSIFICATION                                    | LANGUAGE EVALUATION   | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|---|---|--|--|
| <input type="checkbox"/> Grade A: Excellent       | <input type="checkbox"/> Grade A: Priority publishing                 | Google Search:                                 | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B: Very good       | <input checked="" type="checkbox"/> Grade B: Minor language polishing | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input checked="" type="checkbox"/> Grade C: Good |   | <input type="checkbox"/> Duplicate publication |  |
| <input type="checkbox"/> Grade D: Fair            | <input type="checkbox"/> Grade C: A great deal of language polishing  | <input type="checkbox"/> Plagiarism            | <input type="checkbox"/> Rejection                     |
| <input type="checkbox"/> Grade E: Poor            | <input type="checkbox"/> Grade D: Rejected                            | <input checked="" type="checkbox"/> No         | <input checked="" type="checkbox"/> Minor revision     |
|   |   | BPG Search:                                    | <input type="checkbox"/> Major revision                |
|   |   | <input type="checkbox"/> The same title        |  |
|   |   | <input type="checkbox"/> Duplicate publication |  |
|   |   | <input type="checkbox"/> Plagiarism            |  |
|   |   | <input checked="" type="checkbox"/> No         |  |

**COMMENTS TO AUTHORS**

I would like to congratulate Dr Polzin on the good review of the topic. The manuscript is written well. I would suggest that the authors correct the following errors: In page 3, line 15: The authors state that HTPR is [This is called high on-aspirin platelet reactivity (HTPR)]. This is inaccurate. HTPR is high on treatment platelet reactivity. In page 4, lines 18-20 state: In the following, we will discuss the most commonly used NSAIDs are discussed with respect to their potential to interfere with platelet inhibition by low dose aspirin. They should have said: In the following, we will discuss the most commonly used NSAIDs with respect to their potential to interfere with platelet inhibition by low dose aspirin. In page 5, lines 25-26: it states: However, data of clinical studies are controversial. Do the authors mean: However, data of clinical studies are contradictory? The trials leading to opposing results, and thus one is uncertain about which one is correct. When one states a trial is controversial that means that there are two opposing views on the assessment of that trial (right or wrong). In page 6, line 2: it states: Naproxen inhibits aspirin antiplatelet effects in-vitro similar like ibuprofen. I would urge the authors to correct this into: Naproxen inhibits aspirin antiplatelet effects in-vitro similar to ibuprofen. In page 9, line 8: it states (neither) at the end of a sentence. This should be



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(either). In page 11, line 4 states: detected in 50% of dipyron comedicated patients. 100) Residual platelet thromboxane It should be: detected in 50% of dipyron comedicated patients. 100 Residual platelet thromboxane In page 11, line 14 states: analgesics as well. Alternatively, aspirin would be a possible alternative to relief pain and It should be: analgesics as well. Alternatively, aspirin would be a possible alternative to relieve pain and



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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 18612

**Title:** Impairment of aspirin antiplatelet effects by non-opioid analgesic medication

**Reviewer's code:** 00259340

**Reviewer's country:** Spain

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-26 12:46

**Date reviewed:** 2015-04-29 23:44

| CLASSIFICATION   | LANGUAGE EVALUATION  | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|--|--|--|--|
| <input checked="" type="checkbox"/> Grade A: Excellent | <input checked="" type="checkbox"/> Grade A: Priority publishing     | Google Search:                                 | <input checked="" type="checkbox"/> Accept             |
| <input type="checkbox"/> Grade B: Very good            | <input type="checkbox"/> Grade B: Minor language polishing           | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C: Good                 | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection                     |
| <input type="checkbox"/> Grade D: Fair                 | <input type="checkbox"/> Grade D: Rejected                           | <input checked="" type="checkbox"/> No         | <input type="checkbox"/> Minor revision                |
| <input type="checkbox"/> Grade E: Poor                 |  | BPG Search:                                    | <input type="checkbox"/> Major revision                |
|  |  | <input type="checkbox"/> The same title        |  |
|  |  | <input type="checkbox"/> Duplicate publication |  |
|  |  | <input type="checkbox"/> Plagiarism            |  |
|  |  | <input checked="" type="checkbox"/> No         |  |

### COMMENTS TO AUTHORS

The authors present here a review on the effect of common analgesic meds on the antitrombotic properties of aspirin. The topic is interesting. In addition, the text is clear, well written and nicely documented. Thus, my opinion is favorable regarding its publication as is.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 18612

**Title:** Impairment of aspirin antiplatelet effects by non-opioid analgesic medication

**Reviewer's code:** 00258135

**Reviewer's country:** Italy

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-26 12:46

**Date reviewed:** 2015-04-30 08:10

| CLASSIFICATION                              | LANGUAGE EVALUATION  | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|---|--|--|--|
| <input type="checkbox"/> Grade A: Excellent | <input type="checkbox"/> Grade A: Priority publishing                | Google Search:                                 | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B: Very good | <input type="checkbox"/> Grade B: Minor language polishing           | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C: Good      | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection                     |
| <input type="checkbox"/> Grade D: Fair      | <input type="checkbox"/> Grade D: Rejected                           | <input type="checkbox"/> Plagiarism            | <input type="checkbox"/> Minor revision                |
| <input type="checkbox"/> Grade E: Poor      |  | <input type="checkbox"/> No                    | <input type="checkbox"/> Major revision                |
|   |  | BPG Search:                                    |  |
|   |  | <input type="checkbox"/> The same title        |  |
|   |  | <input type="checkbox"/> Duplicate publication |  |
|   |  | <input type="checkbox"/> Plagiarism            |  |
|   |  | <input type="checkbox"/> No                    |  |

### COMMENTS TO AUTHORS

The Review submitted deals with a very intriguing topic: the interactions between non-opioid analgesic medications and aspirin, especially in patients with cardiovascular diseases. A huge number of patients rely on analgesic drugs to control the pain but, at the same time, the side effects of aspirin and non-opioid analgesics are well established. The topic is well presented and the revision of the literature is extensive. The Review explores all the analgesic drugs available, suggesting the therapeutic options with the most favourable benefit/risk effect. Obviously, further investigations are required to identify the optimal antiplatelet/analgesic regimen in patients with increased risk of cardiovascular diseases. I have only few comments: - Page 4 line 14 "ENREF 29" is not specified. - Page 5 line 9 "neither" is not necessary and can be removed. - Page 7 line 24 the reference "Rimon et al., PNAS 2010; 107: 28-33" is not included in the reference list. Please enclose the reference if necessary and correct the order of the list. - Page 9 line 2 "modelling"? - Page 9 line 1, the reference "54" can be removed, as it is inserted at line 2. - Page 10 line 10-11 and page 11 line 4, thromboxane can be abbreviated ad TX. - Page 11 line 4, remove bracket.



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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Cardiology

**ESPS manuscript NO:** 18612

**Title:** Impairment of aspirin antiplatelet effects by non-opioid analgesic medication

**Reviewer's code:** 01293596

**Reviewer's country:** Japan

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-26 12:46

**Date reviewed:** 2015-05-01 10:32

| CLASSIFICATION   | LANGUAGE EVALUATION  | SCIENTIFIC MISCONDUCT                          | CONCLUSION   |
|--|--|--|--|
| <input checked="" type="checkbox"/> Grade A: Excellent | <input checked="" type="checkbox"/> Grade A: Priority publishing     | Google Search:                                 | <input type="checkbox"/> Accept                        |
| <input type="checkbox"/> Grade B: Very good            | <input type="checkbox"/> Grade B: Minor language polishing           | <input type="checkbox"/> The same title        | <input type="checkbox"/> High priority for publication |
| <input type="checkbox"/> Grade C: Good                 | <input type="checkbox"/> Grade C: A great deal of language polishing | <input type="checkbox"/> Duplicate publication | <input type="checkbox"/> Rejection                     |
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| <input type="checkbox"/> Grade E: Poor                 |  | BPG Search:                                    | <input type="checkbox"/> Major revision                |
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|  |  | <input type="checkbox"/> Duplicate publication |  |
|  |  | <input type="checkbox"/> Plagiarism            |  |
|  |  | <input checked="" type="checkbox"/> No         |  |

### COMMENTS TO AUTHORS

Thank you for an excellent review for impairment of analgesic medications for aspirin antiplatelet effects. I just recommend to add a table to summarize the benefits/risks of each abalgesic medication.