### SDI Review Form 1.6

#### PART 1:

<table>
<thead>
<tr>
<th>Journal Name:</th>
<th>British Journal of Medicine and Medical Research</th>
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</thead>
<tbody>
<tr>
<td>Manuscript Number:</td>
<td>MS: 2012/BJMMR/2251</td>
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<tr>
<td>Title of the Manuscript:</td>
<td>Prevalence of Helicobacter pylori detected by PCR in saliva of male smokers and non smokers with chronic periodontitis</td>
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</table>

**General guideline for Peer Review process is available in this link:**

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.
### Compulsory REVISION comments

**Reviewer's comment**

The language of the manuscript needs to be improved.

Abstract-Conclusion: Lines 62-63-The results of the study do not support the conclusion that smokers with chronic periodontitis are at a greater risk H. pylori infection in the oral cavity as the differences in the prevalence of H. pylori in the saliva of smokers and non-smokers with periodontitis were not significant.

Abstract-Conclusion: Line 63-The authors also mention “H. pylori infection in the oral cavity”. The authors have merely examined the presence of the microorganism in the oral cavity. “Presence” and “infection” are entirely different elements and the term “infection” is inappropriate in the present context.

Study Groups-Lines 109, 110, and 121-How was the sample size calculated? - the sample size appears to be inadequate.

Clinical measurements- Lines 123-125- As the readership of the journal includes medical professionals besides dental surgeons who may not be familiar with the periodontal parameters mentioned in the manuscript, a brief description of these would be helpful.

**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)

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- Abstract-Conclusion: Lines 62-63-The results of the study do not support the conclusion that smokers with chronic periodontitis are at a greater risk H. pylori infection in the oral cavity as the differences in the prevalence of H. pylori in the saliva of smokers and non-smokers with periodontitis were not significant.
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- Clinical measurements- Lines 123-125- As the readership of the journal includes medical professionals besides dental surgeons who may not be familiar with the periodontal parameters mentioned in the manuscript, a brief description of these would be helpful.
Results and Discussion; Conclusion-The authors repeatedly state that the results of the study indicate that the prevalence of H. Pylori in the saliva was higher among smokers with chronic periodontitis suggesting that smokers are at a higher risk for H. pylori infection. However, the results of the statistical analysis which indicate a lack of significant difference in the detection rates of H. pylori in the saliva of smokers and non-smokers with chronic periodontitis do not support this conclusion. Hence the Discussion and Conclusion have to reworded according the results of the study.

References-The references are neither arranged nor cited in the text according to guidelines of the journal as given on the website (http://www.sciencedomain.org/page.php?id=general-guideline-for-authors)
| **Minor REVISION comments** | Abstract-Study design: Mention the inclusion of healthy volunteers in the study.  
Abstract-Results: Lines 56-60- “significant change” should be replaced by “significant difference”.  
Introduction: Lines 74-76- “In the western world……” . Mention the reference for this statement.  
Study Groups-Line 112- Mentioned reference for the criteria for chronic periodontitis should be replaced by the original reference mentioned in the journal Annals of Periodontology (1999).  
Clinical measurements- Lines 123-125- Mention the original references for gingival and plaque indices.  
Results and Discussion-Table 1-The prevalence of H. pylori in the saliva of patients in different groups should be expressed as “n (%)” and not just in terms of percentage. |
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<td><strong>Optional/General comments</strong></td>
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Reviewer Details:

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<tr>
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<td>Department, University &amp; Country</td>
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