



SDI Review Form 1.6

Journal Name:	<u>British Journal of Medicine and Medical Research</u>
Manuscript Number:	2013_BJMMR_8387
Title of the Manuscript:	Mild-tourniquet induced ischaemia-reperfusion injury results in changes to haematological, haemostatic and inflammatory parameters
Type of the Article	Original Research Article

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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
Compulsory REVISION comments	<p>The sample number is very poor. Healthy volunteers 20 to 45 years : male 13 but female 2 numbers: Significance not known.</p> <p>The role of E selectin is not clear.</p> <p>What is the status of the volunteers? Are they obese or normal? BMI data is not known.</p> <p>The manuscript does not have novelty.</p> <p>Table 1- units of the parameters are missing.</p> <p>How this paper is different from Kamar et al 2012.</p>	<ol style="list-style-type: none"> 1. The number of samples collected during this pilot-study was limited, as a number of females initially recruited for the study had to be withdrawn due to difficulty in gaining venous blood samples. Limitations of the study have been acknowledged at the end of the discussion section. 2. Significance of the results is included (results and figures). 3. An increase in E-selectin indicates an activated endothelium. The molecule also recruits neutrophils, monocytes and lymphocytes, which create a pro-inflammatory response capable of causing further IRI. This has now been written into the discussion section of the manuscript. 4. The volunteers recruited for this pilot-study were all determined as being healthy, based upon their BP and completion of a health questionnaire. BMI data was not taken for this study. This information has now been addressed and acknowledged in the manuscript. 5. Our paper demonstrates a high degree of novelty and is different from the Kamar <i>et al</i> 2012 manuscript. In our paper, we employed different reperfusion time points (7 minutes and 48 hours respectively), and this study builds on previous published work by Dr



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		<p>Hughes and his research team. The current paper explores the effect of IRI on specific haematological, homeostatic and inflammatory parameters. Dr Hughes is a leading publisher in this area of research and our inclusion of cytokine markers adds a novel element to build upon previous work.</p> <p>6. Table 1 missing units have now been addressed.</p> <p>7. Minor revisions have been made to the abstract, conclusion and some parts of the main text in light of the reviewer's comments.</p>
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		