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## ESPS Peer-review Report

**Name of Journal:** World Journal of Critical Care Medicine

**ESPS Manuscript NO:** 3575

**Title:** Pyruvate fortified resuscitation stabilizes cardiac electrical activity and energy metabolism during hypovolemia

**Reviewer code:** 00506608

**Science editor:** Zhai, Huan-Huan

**Date sent for review:** 2013-05-07 12:04

**Date reviewed:** 2013-05-19 08:03

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

This is a well written paper and having seen similar "fluid management/choice" papers over the years, I believe this is one of the better to support a particular choice in fluid for the treatment of hemorrhagic shock. My only question/comment - if the data is available (I think it might further support the clinical potential of their findings - but not critical to the overall value of this manuscript) - do the authors have any pre/post hemodynamic data. While in the animal model it appeared that the starting blood pressures and heart rates were the same - and the initial response to controlled bleeding was intended to be the same - to further support their findings - is there physiologic (i.e. blood pressure and/or heart rate) data to suggest a substrate enhanced fluid had an additional benefit. In other words - did the blood pressure go up more in the enhanced group than the LR group. If this data is available and can easily be incorporated and discussed without adding further significant length to the manuscript, I think it would add to the potential translational benefits of their findings.