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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Transplantation
ESPS manuscript NO: 11624
Title: 1400W a selective iNOS inhibitor reduces ischemia reperfusion injury in an ex-vivo porcine model of the donation after circulatory death kidney donor
Reviewer code: 01560498
Science editor: Fang-Fang Ji
Date sent for review: 2014-05-28 22:41
Date reviewed: 2014-05-29 16:11

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[ ] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair		BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[Y] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

The I/R injury is a critical problem in the transplant field. Hosgood, et al reported that 1400W reduced I/R injury in this porcine kidney model of DCD donor, especially ex vivo. Kidneys had improved renal function, reduced oxidative stress and lower levels of neutrophil infiltration. This paper is well-written. However, some question arose. 1. Ethical approval should be clearly mentioned. 2. Important articles are not listed. References are all old. 3. Results of renal function, oxidative stress and histology in 1400w revealed the protection from I/R injury. Overall, reduced neutrophil infiltration in this paper reflected the prevention of I/R damage. However, optimal neutrophil infiltration is required the adequate regeneration in some transplanted organs, and immunological tolerance induction. It may be better that authors show actual HI-E finding.