



## PEER-REVIEW REPORT

**Name of journal:** World Journal of Transplantation

**Manuscript NO:** 57750

**Title:** Back-table surgery pancreas allograft for transplantation: Implications in complications

**Reviewer's code:** 03851891

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** United Kingdom

**Author's Country/Territory:** Spain

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**Reviewer chosen by:** Ya-Juan Ma

**Reviewer accepted review:** 2020-10-10 08:12

**Reviewer performed review:** 2020-10-30 22:06

**Review time:** 20 Days and 13 Hours

<b>Scientific quality</b>	<input checked="" type="checkbox"/> Grade A: Excellent [ ] Grade B: Very good [ ] Grade C: Good [ ] Grade D: Fair [ ] Grade E: Do not publish
<b>Language quality</b>	[ ] Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing [ ] Grade C: A great deal of language polishing [ ] Grade D: Rejection
<b>Conclusion</b>	[ ] Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) [ ] Minor revision [ ] Major revision [ ] Rejection
<b>Re-review</b>	<input checked="" type="checkbox"/> Yes [ ] No
<b>Peer-reviewer statements</b>	Peer-Review: <input checked="" type="checkbox"/> Anonymous [ ] Onymous Conflicts-of-Interest: [ ] Yes <input checked="" type="checkbox"/> No



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## **SPECIFIC COMMENTS TO AUTHORS**

This is an interesting and useful article – relevant to all clinicians involved in pancreas transplantation and organ retrieval for transplantation. It is well written. There are several comments that require addressing prior to proceeding further with publication.

Comments: 1) The authors allude to the necessity of accurate and pristine benchwork as being cornerstone for the prevention of graft thrombosis and pancreatitis – can the authors provide any literature references that support this idea. 2) editing by the Journal of syntax would be beneficial to the flow of the article. Section A: 3) In the UK – the NHS Blood and Transplant and the National Organ Retrieval Service recommends the use of 3 Bowel bags to store and transport organs on ice. Are there any national guidelines in the authors country? Mentioning National practice or Organizational guidelines/advice may be useful and place this advice in context. 4) What are the authors opinion on the use of surgical magnified glasses or ‘loupes’ to aid in visualisation of small pancreatic vasculature structures etc? 5) Instead of ice (frozen water) – thought may be give to frozen saline or hartmanns’ (can be broken with a sterile hammer while in the bag and then used to make slush). 6) A Watson and Cheyne probe is sometimes useful – as it is blunt and less liable to injury vessels. Section B 7) Section of the bowel is commonly done with a stapler (double layer or triple layer – e.g. TLC 75) and the oversewn – do the authors have any specific opinion on this technique? 8) Do the authors suggest any attention should be paid to the peripancreatic fat along pancreas from the head toward the body and tail peripherally – in particular clearance of this fat and also ligation of small vessels. This is commonly practiced and also mentioned in several surgical textbooks for example. This is not mentioned in the article. Section G 9) Mention of machine perfusion to preserve pancreases is novel and interesting. Though it has been only discussed up to know



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experimentally and not in clinical practice. Can the authors provide any references to the development of these techniques? More diagrams to graphically visual the descriptions of the techniques would be very useful and beneficial for the article and the audience to increase interest and attention.