

3 SCIENTIFIC QUALITY

Please resolve all issues in the manuscript based on the peer review report and make a point-by-point response to each of the issues raised in the peer review report. Note, authors must resolve all issues in the manuscript that are raised in the peer-review report(s) and provide point-by-point responses to each of the issues raised in the peer-review report(s); these are listed below for your convenience:

Reviewer #1:

Scientific Quality: Grade B (Very Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors: In the manuscript “Simultaneous pancreas-kidney transplantation for end-stage renal failure in Type 1 diabetes Mellitus: Current perspectives”, the authors reviewed compiles the latest evidence and current recommendations of SPKT for patients with T1DM and advanced CKD/ESRF to enable clinicians to care for these diseases. This review describes the whole process of SPK which is useful for understanding SPK in general, however, more details are needed to improve the valuable. 1, HISTORY OF SIMULTANEOUS PANCREAS-KIDNEY TRANSPLANTATION. The change of SPKTs number from the beginning to year 2022 should be presented in a figure. 2, INDICATIONS and CONTRAINDICATIONS. Should be placed in a table for easy reading. 3, SURGICAL TECHNIQUES. Should describe how to reconstruct both endocrine and exocrine drainage. Regarding exocrine drainage, the history, surgical methods, advantages, and disadvantages should be listed in detailed.

Reviewer #2:

Scientific Quality: Grade C (Good)

Language Quality: Grade B (Minor language polishing)

Conclusion: Major revision

Specific Comments to Authors: The narrative review herein presented fails to deliver any new message on the topic. Remarkably, despite covering all major aspects of SPK transplantation, the manuscript remains on the surface, avoiding any personal point of view that may help navigating in current controversies. In order to increase the interest of the readers, I would recommend to include deeper and more focused discussion sections on the most crucial issues related to pancreas transplantation. Also, it would be relevant to analyze why the number of pancreas transplant centers worldwide has not increased over time, and possible strategies aiming to favor the expansion of existing pancreas transplantation programs. Offering further insight on what could be the future of SPK in the context of advanced islets transplantation would be equally appreciated.

Points for the Rebuttal Letter

Reviewer 1:

- History of simultaneous pancreas-kidney transplantation
- The change of SPKTs number from the beginning to year 2022 should be presented in a figure.
- Indications and contraindications -placed in a table.
- Surgical techniques with special description on how to reconstruct both endocrine and exocrine drainage. Regarding exocrine drainage, the history, surgical methods, advantages, and disadvantages are detailed.

Reviewer 2:

- Most crucial issues related to pancreas transplantation.
- The reasons why the number of pancreas transplant centers worldwide not increased over time.
- Possible strategies aiming to favour the expansion of existing pancreas transplantation programs.
- The future of SPK in the context of advanced islets transplantation.