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| Book Name: | [**Medical Science: Recent Advances and Applications**](https://bookstore.bookpi.org/product/medical-science-recent-advances-and-applications-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_5983** |
| Title of the Manuscript:  | **Overview of HLA Typing and Crossmatching in Renal Transplantation** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments |
|  | Reviewer’s comment**Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | Histocompatibility testing is the most basic part in renal transplantation. Tissue typing and cross matching is the main test done before transplant. The recipient donor compatibility can be assessed by this method for the successful transplantation. It predicits the graft survival; moreover, it gives general guidance to sensitization choice eg., ATG or Basilizimab etc. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **yes** |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Generally ok** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **ok** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Needs some spelling corrections. |  |
| Optional/General comments | It is better to mention the followings1. Living donor or deceased donor
2. History of blood transfusions
3. Pregnancy or abortion
4. First transplant or second transplant
5. Preamptive transplant
6. Underlying cause foe ESRD eg., SLE, ANCA

Need to add working definition for graft survival and graft rejection and their timing eg., immediate or acute or chronic rejection. |  |

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| **PART 2:**  |
|  | Reviewer’s comment | Author’s comment *(if agreed with the reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in detail)* |  |

**Reviewer details:**

**Khin Phyu Pyar, Myanmar**