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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.** | **HLA typing and lymphocyte crossmatching are very heterogeneous at the clinical, immunological and molecular level. Interpretation of the results in HLA testing are critical at each and individual level in order to minimize graft failure and rejection in any organ transplant. Accurate results for typing and matching are influenced by many factors at pre-analytical, analytical and post analytical level.**  |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Acceptable** |  |
| 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. | **To add related and non-related donor; Blood groups compatibility; Clarify Type of PCR used like PCR-SSP , SSOP etc. How many cases have done with FCM, VCM, CDC;**  |  |
| **Is the manuscript scientifically, correct? Please write here.**  | **Acceptable** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Some more recent articles on DSA, PRA and comparison of different CM methods should be included.**  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Recheck spellings, space bars, grammars throughout the whole text.  |  |
| Optional/General comments | PCR-kits, Reagent kits used should be verified. Validation of these HLA testing should also be described.  |  |

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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:**

**Ne Win , Myanmar**