

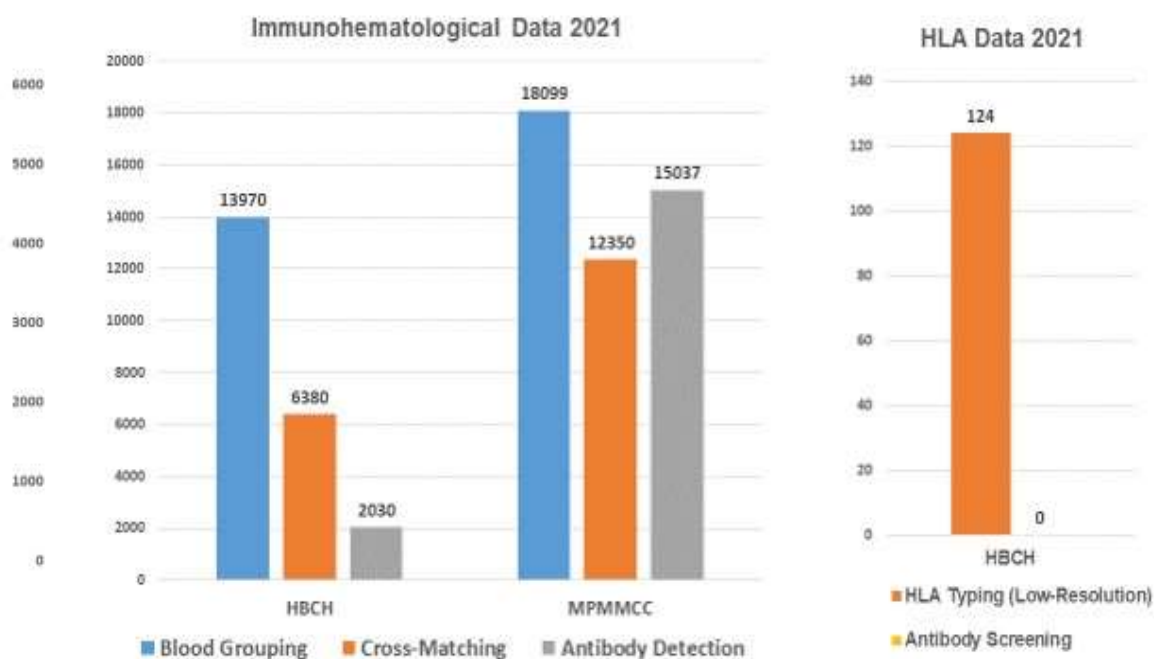
DEPARTMENT OF TRANSFUSION MEDICINE

Two separate Licensed Blood Centers exist at HBCH and MPMCC. The newly installed Blood Irradiation Chamber and the HLA Immunodiagnostics Laboratory are located at HBCH.

Overview of Transfusion Medicine Activities: 1st January 2021 to 31st December 2021

Activities	HBCH Blood Centre	MPMCC Blood Centre
Blood Donation		
Total Donation	5549	4743
Apheresis	1861(33.5%)	249 (5.3%)
Components prepared	PRBC-3656 (99.1%), RDP-3488 (94.6%), FFP-3450 (93.6%), Cryo-206 (5.6%), CSP-206 (5.6%)	PRBC-4457 (99.2%), RDP-3891 (86.6%), FFP-4113 (82.4%), Cryo-197 (3.9%), CSP-197 (3.9%)
Granulocytapheresis	7 (0.4%)	
Laboratory Investigations		
Blood Grouping (Both Donors & Patients)	13970	18099
Cross-Matching	6380	12350
Antibody Detection	2030	15037
Laboratory Investigations at HLA & Immunogenetics Lab		
	1. HLA Typing	- 124
	2. Antibody Screening	- 0

TMC Varanasi – Transfusion Medicine



Research:

Total Number of Ongoing Studies - 2

Staff Members:

Assistant Professor	Dr Akshay Batra
Senior Resident	Dr Shalakha Agrawal Dr Sadia Khan

