

PLASMA BANK
DEPARTMENT OF IMMUNOHAEMATOLOGY & BLOOD TRANSFUSION,
PT. B.D. SHARMA PGIMS, ROHTAK, HARYANA.


Convalescent plasma is the liquid part of blood that is collected from patients who have recovered from an infection. Antibodies present in convalescent plasma are proteins that might help fight the infection.

Tracing the donor:

- Motivate the Patients for Plasma Donation at the Time of Discharge
- Check Hospital, Admission and Home Quarantine Records
- Check Eligibility Criteria for Donation

Donor eligibility criteria: COVID-19 convalescent plasma is collected from individuals who meet the following qualifications:

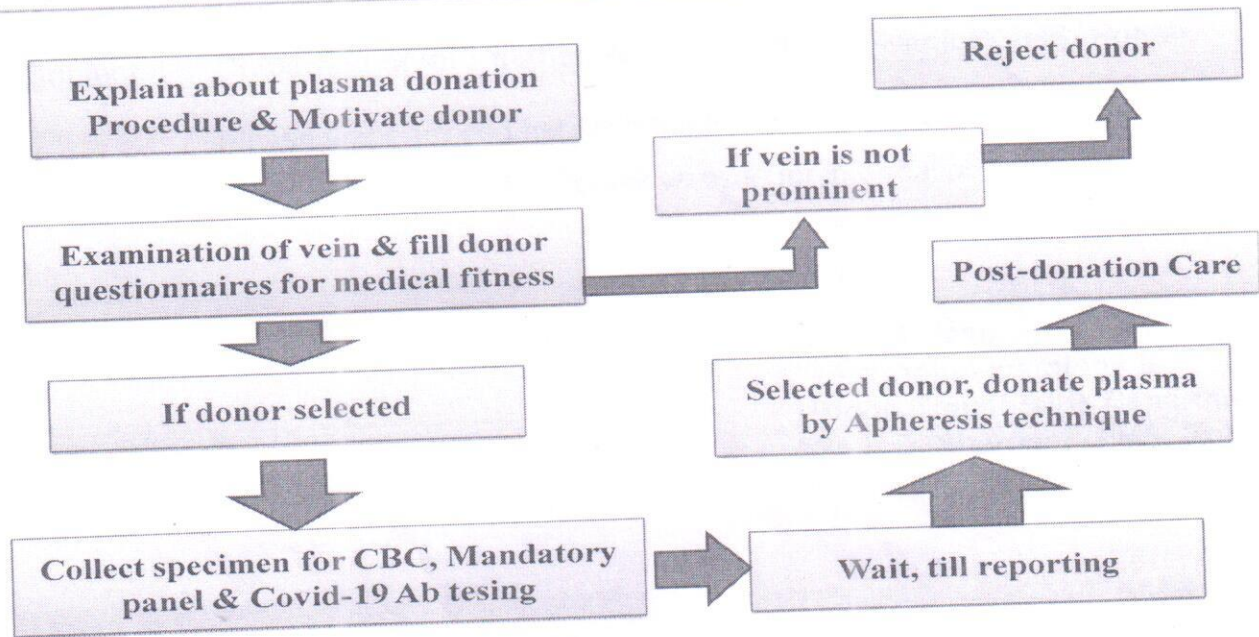
- Evidence of COVID-19 documented by a laboratory test **either by:** A diagnostic test (e.g., nasopharyngeal swab) at the time of illness **OR** A positive serological test for SARS-CoV-2 antibodies after recovery, if prior diagnostic testing was not performed at the time COVID-19 was suspected.
- Complete resolution of symptoms at least 28 days before the donation. A negative result for COVID-19 by a diagnostic test (RT-PCR) is not necessary to qualify the donor.
- Male donors, or female donors who have not been pregnant, or female donors who have been tested since their most recent pregnancy and results interpreted as negative for HLA antibodies.
- SARS-CoV-2 neutralizing antibody titers, if available recommended neutralizing antibody titers of at least >1:640. When measurement of neutralizing antibody titers is not available, consider storing a retention sample from the convalescent plasma donation for determining antibody titers at a later date.
- Properly screened healthy donor is selected for donation and tested for the CBC and Transfusion Transmitted Diseases prior to the procedure.
- A prominent and easily accessible antecubital vein on one of the arms is selected for plasma donation
- Informed written consent must be taken from the donor.


11-8-2020

- Remaining Donor eligibility criteria for whole blood donation as per National Blood Transfusion Council (NBTC) guidelines

Work lay-out:

WORK-LAY OUT FOR PLASMA DONATION (Convalescent Plasma for Covid-19)



Requirements for Issue of Convalescent Plasma:

1. Convalescent plasma for COVID-19 patients will only be issued on signed request of treating physician.
2. Requisition for Convalescent Plasma shall be in the prescribed requisition form of the department.
3. Following documents/items will be verified at the reception desk at blood bank, PGIMS.
 - A. Requisition form duly filled and signed by the treating physician.
 - B. Patient details
 - C. 5 ml blood sample in EDTA vacutainer.
4. Convalescent Plasma will be provided free of cost to the Covid-19 patients admitted in PGIMS, Rohtak.
5. Convalescent Plasma will also be provided free of cost to the patients admitted in other Govt. and Govt. aided Medical colleges of Haryana, only if surplus plasma is available.
6. This service will not be extended to private and corporate hospitals.

Handwritten signature and date:
11-8-2020

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