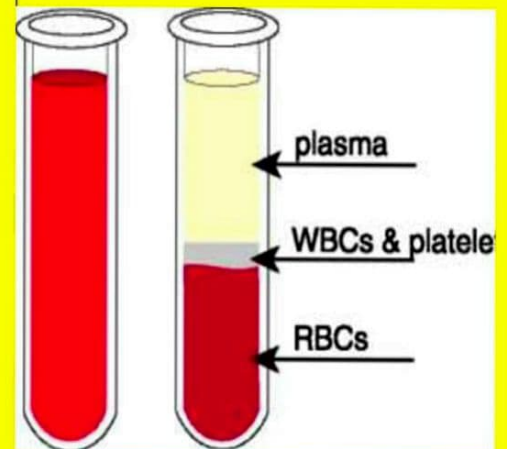


What is **CONVALESCENT PLASMA THERAPY** FOR COVID -19?

Why is plasma therapy?

- PLASMA is a liquid part of blood which serves as a transport medium for nutrients and antibodies.
- When a patient suffers from a disease their body produces antibodies against it.
- We cannot separate antibodies from plasma hence we take plasma from recovered covid -19 patients and give it to newly infected covid-19 patients.
- It is not definite cure for covid-19 but it acts as a supportive therapy in covid patients in early stages of disease.



Plasma Therapy
is not for every
patient.

Who can take the plasma therapy?

- Patient with RT-PCR confirmed Covid-19 illness
- Patients in initial days of infection (7-14 days)
- Respiratory rate $<24/\text{min}$
- Oxygen saturation $<93\%$ at room air
- Patient who do not have IgA deficiency syndrome/ Ig allergy.

Where to find a plasma donor?

- Contact to blood bank who will recruit recovered covid -19 patients as plasma donors.
- Seek help from NGOs which will find recovered covid -19 patients who are voluntarily willing to be a plasma donor.
- Family members are advised to search for blood group compatible donor (through social media platforms) who are fulfilling the eligibility criteria.

**FIND
PLASMA
DONOR?**

What should we know about plasma therapy?

- Plasma therapy is given by intravenous route that is by inserting a sterile needle connected to a plasma bag into a vein in one of the patient's hand.
- One or two units of 200-250 ml of plasma are given for 2 consecutive days.
- CCP is very safe procedure, but some adverse effects like allergy, lung infection may occur in some cases.

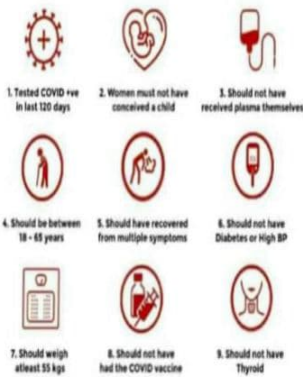
PLASMA DONATION FOR COVID-19

What is plasma donation?

- If you have fully recovered from covid-19, you may be able to help patients currently fighting the infection by donating your plasma.
- PLASMA is a liquid part of blood which serves as a transport medium for nutrients and antibodies.
- Because you fought the infection, your plasma now contains covid-19 antibodies.
- These antibodies provide one way immune system to fight the virus when you are sick, so your plasma may be able to use to help others fight off the disease.



PLASMA DONOR ELIGIBILITY CRITERIA



Who can donate plasma?

- After 28 days a fully recovered covid-19 patient.
- Donor should be in age group of 18-60 years.
- Donor shall be male or any female who have not been pregnant and should have minimum 50 kg of body weight.
- Recovered patient should preferably have had symptoms of covid-19 (fever, cold and cough etc.)
- Donor should comply with ABO compatibility and anti SARS-CoV-2 antibody measure (This will be performed in blood bank if you are fulfilling first 4 criteria.)

How to donate plasma?

- An eligible donor can donate plasma two times in a month.
- A donor can donate 400-500ml plasma in a single time.
- The donor will be provided with good care before, during and after the procedure. Proper hydration will be ensured during the 30 min observation period after the procedure.
- The Donor is advised to take adequate fluids in next 24 hrs.
- The donor will be appreciated and participation certificate will be provided by the blood bank

Donate
Plasma
before
Getting
vaccinated.