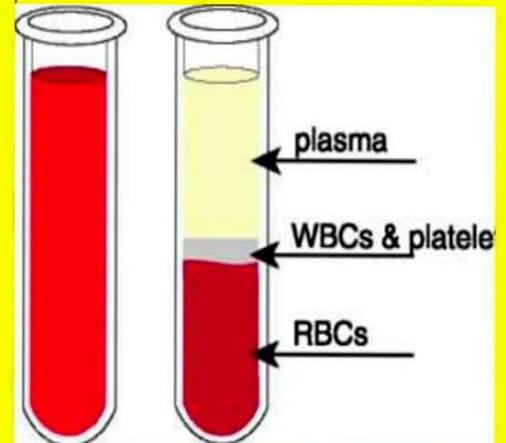


# What is **CONVALESCENT PLASMA THERAPY** FOR COVID -19?

## 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/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?**

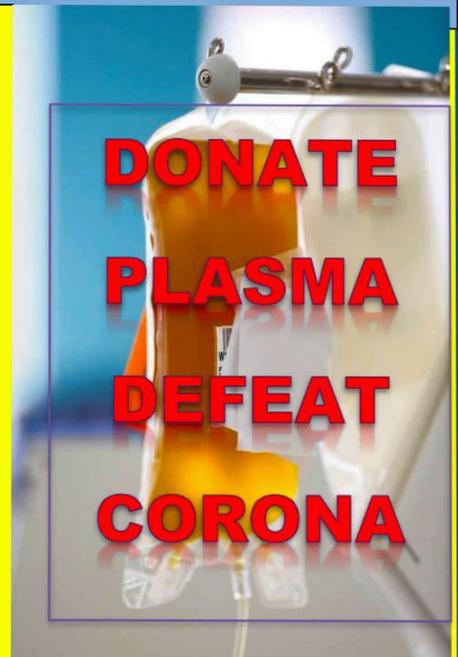
## What should we know about plasma therapy?

- 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.