

Increase Platelets count by  
30000-60000 /ul per bag.

# SDP (SINGLE DONOR PLATELETS) FROM QUALITY BLOOD CENTRE



**Prathama's voluntary blood donors coupled with its modern components separation facilities and stringent safety protocols ensures volume as high as 200-300 ml and good yield of Platelets per bag.**

All our blood products go through NABH and ISO certified Procedure to ensure, we give patient the best product .With Prathama Blood Products, you are assured of safety and maximum Quantum of critical Platelets.

- **1 SDP = 6 Units of Random Donor Platelets (RDP)**
- **Platelet counts raised by an average 30000-60000/uL per bag**
- **Reduced multiple donors' exposure**

### Single Donor Platelet (SDP)

Single donor platelet is the process of removing whole blood from a donor, separating the blood into its components, keeping the platelets, and then returning the remaining blood components to the donor. Platelets are the tiny cells that help form clots and control bleeding.

PARAMETERS	RDP	SDP
Volume	>5.5x10 <sup>10</sup> platelets 45-65 ml	>3x10 <sup>11</sup> platelets 200-300 ml
Dosage Effect	Increases count by 5000 to 10,000/ $\mu$ L per unit	Increases count by 60,000/ $\mu$ L per unit
Shelf Life	5 Days (Special Bags)	5 Days (Closed System)
Storage Condition	20° - 24°C with continuous agitation	20° - 24°C with continuous agitation
Compatibility	Preferably group compatible. However non-group specific platelets can be safely given.	ABO & Rh Compatible.
Indications	Bleeding from Thrombocytopenia, Functional defects of platelets.	For alloimmunized recipients who are refractory to platelet transfusions.

### Indication

Aplastic Anemia, DIC, Leukemia, Dengue Fever, Drug induced PLT suppression, Thrombocytopenia due to septicemia, Thrombocytopenia following APH or PPH, Chemotherapy, Bone Marrow Transplantation , Radiation treatment ,Organ Transplant, etc.

Ref. : 1. Anderson, etc. Scientific Basic of Transfusion Medicine- Implications for clinical practice, 2000.



## PRATHAMA BLOOD CENTRE

ADVANCED TRANSFUSION MEDICINE RESEARCH FOUNDATION

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ISO 9001 : 2008 & NABH CERTIFIED

**We are a 'Not For Profit' Charitable Trust & Section 25 Organisation.**

