A SELECTION OF SCIENTIFIC LITERATURE ON CORD BLOOD PLATELET GEL


DISCLAIMER
This medical device is intended for use by qualified health personnel only. The present information does not constitute and does not intend to constitute recommendations for medical treatment. The company assumes no responsibility for improper use of the device and for incorrect application of the instructions contained in the package leaflet. The use of blood components is the responsibility of the qualified health personnel.
Cord Blood Platelet Gel Preparation and Administration

1. CB is aseptically transferred from the original collection bag into bag "A" by sterile connection.
2. Bag "A" is centrifuged with bags "B" and "C" at low speed to sediment the red blood cells and to concentrate the white blood cells into the buffy coat and the platelets into the supernatant platelet rich plasma (PRP).
3. Transfer of PRP into bag "B"; sealing, separation and storage at 2-6 °C of bag "A", which contains red blood cells.
4. High speed centrifugation of "B-C" bags.
5. Transfer platelet-poor plasma (PPP) into bag "C" except the volume necessary to ensure a predefined concentration of the platelets concentrated in the bottom of bag "B" (for example: 1 million per microliter).
6. Sealing, separation and freezing of "B" and "C" bags at temperatures below -25 °C.