

THE BRIDGE TO GOOD HEALTHCARE



*For best performance*

**Blood Bags for an efficient, safe and easy handling**

# Blood Bags for an optimum blood management – separation, preservation and transfusion



## Advantages at a glance:



- ▶ JMS blood bags maintain the highest quality of blood components and safety for the donors as well as users.
- ▶ The JMS internally integrated manufacturing from material to final production secures the quality standards.
- ▶ With a large range of accessories and configurations the JMS blood bags meet individual requirements of blood banks and users as well as the needs of global markets.
- ▶ Double packaging in an aluminum foil and blister pack combined with a 36 months shelf life allow flexible handling.
- ▶ The comprehensive product lineup includes the full range of Single to Quadruple bags, CDPA-1 and CPD-SAGM solutions, Top & Top and Top & Bottom systems.



**JMS Needle**

Highest level quality JMS needle with optimal sharpness and puncture characteristics.

**Needle protector**

The protector prevents needle-stick accidents with an easy and simple procedure to cover the needle tip after collection.

**Blood Bag Port**

The additional port cover protects the port from direct contact for higher safety.

**Blood Bag**

Controlled chemical and biological standards at the in-house production of the bag material.

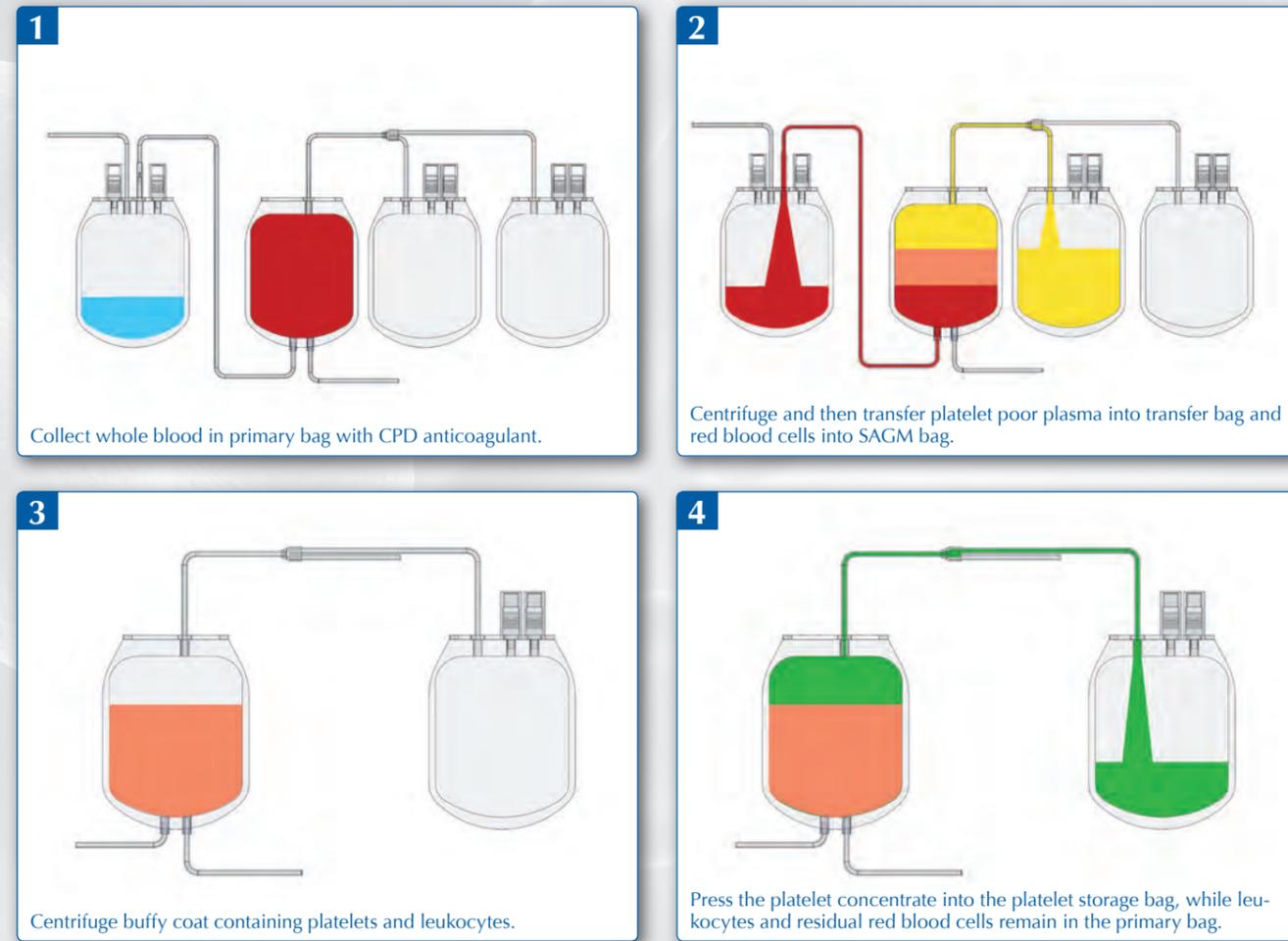
**Label and barcode**

The label complying with ISO 3826-2 and the ISBT barcode allow to identify and track each bag.

# Top & Bottom – separation procedure

Top & Bottom systems tend to become a standard for blood components separation. JMS Top & Bottom systems have been developed for today's common separation procedures in most general blood banks and are compatible with most automatic extractors used worldwide.

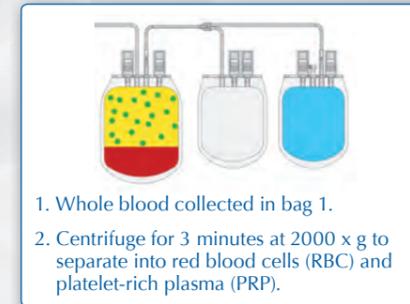
With the large range of various product configurations and available accessories, JMS Top & Bottom systems are the choice to realize a high quality blood components storage.



...the high quality components are now ready for immediate usage or storage.

# Blood components separation procedure

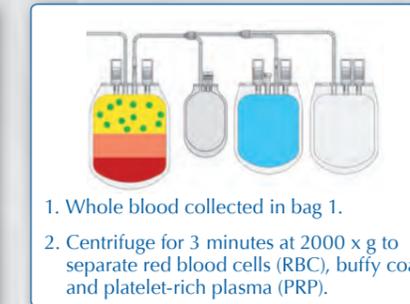
## Low speed centrifugation Preparation of PC from PRP



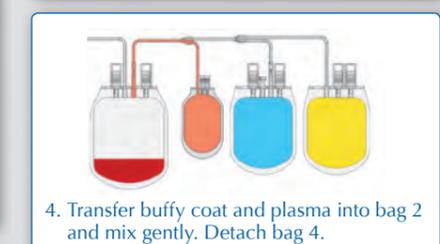
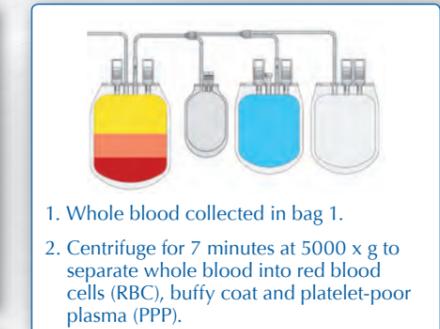
Speed and duration of centrifugation given are suggested. Parameters may vary depending on your center's protocol.

- Red Blood Cells (RBC)
- Platelet-Rich Plasma (PRP)
- Platelet-Poor Plasma (PPP)
- Platelet Concentrate (PC)
- Buffy Coat
- SAGM Solution

## Low speed centrifugation Preparation of PC from PRP



## High speed centrifugation Preparation of PC from buffy coat



# Overview of our Blood Bag Systems



## CPDA-1 Solution

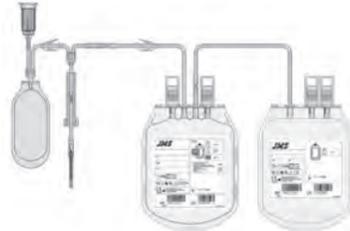
### Single Blood Bag



For collection, preservation and transfusion. The JMS transfer bag can be connected for blood component separation.

Capacity	Solution	Donor Needle	Features available
250 ml	CPDA 1 Solution	16 G stainless steel	Integrated blood sampling port for vacuum test tubes, blood sampling port with cover, blood sampling bag, needle protector, safety clamp
350 ml			
450 ml			

### Double Blood Bag



For collection and separation of 2 different blood components like red blood cells and plasma.

Capacity	Satellite Bag Capacity	Solution	Donor Needle	Features available
350 ml	300 ml	CPDA 1 Solution	16 G stainless steel	Integrated blood sampling port for vacuum test tubes, blood sampling port with cover, blood sampling bag, needle protector, safety clamp.
450 ml				

## Top & Bottom

### Triple Blood Bag



For collection and separation of 3 different blood components like Red Blood Cells, Plasma and Buffy Coat (consisting of Leukocytes and Platelets).

Capacity	Satellite Bag Capacity	Solution	Donor Needle	Features available
450 ml	400 ml	Primary bag with CPD solution. Satellite bag with SAGM (for red blood cell preservation)	16 G stainless steel	Integrated blood sampling port for vacuum test tubes, blood sampling port with cover, blood sampling bag, needle protector, safety clamp.

### Quadruple Blood Bag



For collection and separation of 4 different blood components (Red Blood Cells, Plasma, Leukocytes and Platelets).

Capacity	Satellite Bag Capacity	Solution	Donor Needle	Features available
450 ml	400 ml	Primary bag with CPD solution. Satellite bag with SAGM (for red blood cell preservation)	16 G stainless steel	Integrated blood sampling port for vacuum test tubes, blood sampling port with cover, blood sampling bag, needle protector, safety clamp, 5 DPC storage bag

## CPD-SAGM Solution

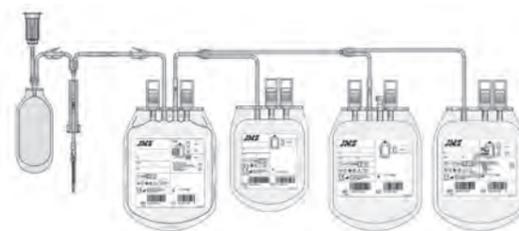
### Triple Blood Bag



For collection and separation of 3 different blood components like Red Blood Cells, Plasma and Buffy Coat (consisting of Leukocytes and Platelets).

Capacity	Satellite Bag Capacity	Solution	Donor Needle	Features available
450 ml	300 ml	Primary bag with CPD solution. Satellite bag with SAGM (for red blood cell preservation)	16 G stainless steel	Integrated blood sampling port for vacuum test tubes, blood sampling port with cover, blood sampling bag, needle protector, safety clamp, 5 DPC storage bag
	400 ml			
	450 ml			

### Quadruple Blood Bag



For collection and separation of 4 different blood components (Red Blood Cells, Plasma, Leukocytes and Platelets).

Capacity	Satellite Bag Capacity	Solution	Donor Needle	Features available
450 ml	150 ml	Primary bag with CPD solution. Satellite bag with SAGM (for red blood cell preservation)	16 G stainless steel	Integrated blood sampling port for vacuum test tubes, blood sampling port with cover, blood sampling bag, needle protector, safety clamp, 5 DPC storage bag
	300 ml			
	400 ml			
	450 ml			

## Transfer Bag

### Transfer Bag



Without solution.

Capacity	Features available
150 ml	2 entry ports and a single lead with transfer spike, 5 DPC – platelet storage bag, serial numbers
3 x 150 ml	
4 x 150 ml	
6 x 150 ml	
300 ml	
500 ml	
600 ml	
1.000 ml	



## Company

JMS in-house production, from bag materials to the finished product guarantee the highest standards. Based on the input from the markets, the dedication and experience of the qualified staff, working under the ethic codes of the JMS group, support the process of constant improvements.

## Safety

The clean room conditions and sterilization facility combined with the strict procedures of a standardized production for more than 30 years improve the safety and quality of life for the health care team and donors.

## Service

From the European headquarters in Germany we support you with all regulatory issues specific for your country. Assistance regarding all issues around transportation, stock planning for more flexibility and customs clearance as well a technical support is provided by the highly specialized Bionic sales support team.

**For more information, please contact us:**



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