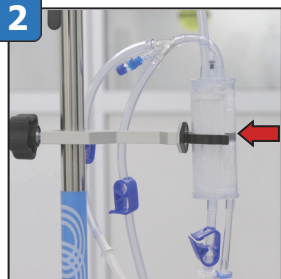


1 Plug the main connector of the detachable power cable into a dedicated circuit breaker. Fully seat the device connector (C-19) of the power cable into the power receptacle on the back of The Belmont® Rapid Infuser RI-2. If a moisture guard is present, ensure it is over the device connector and against the back of the machine.



Tighten all connections and snap the reservoir chamber into the support



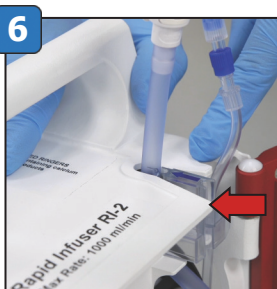
Load the circular heat exchanger with the red arrow pointing up



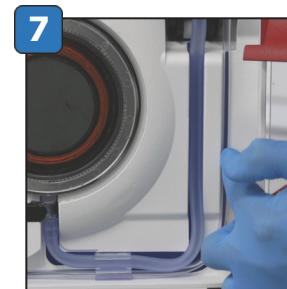
Place the pressure chamber into the pressure chamber well and press the infuse line into the air detector



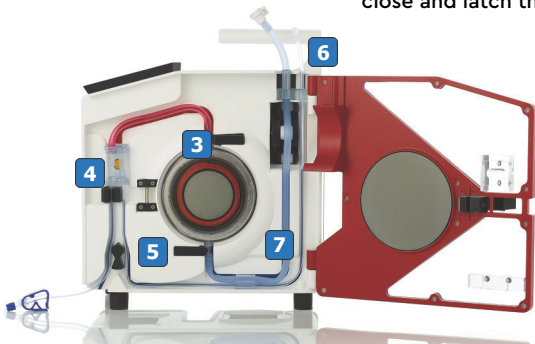
Place the infuse line to the left of the valve wand and the thinner recirc line to the right of the valve wand



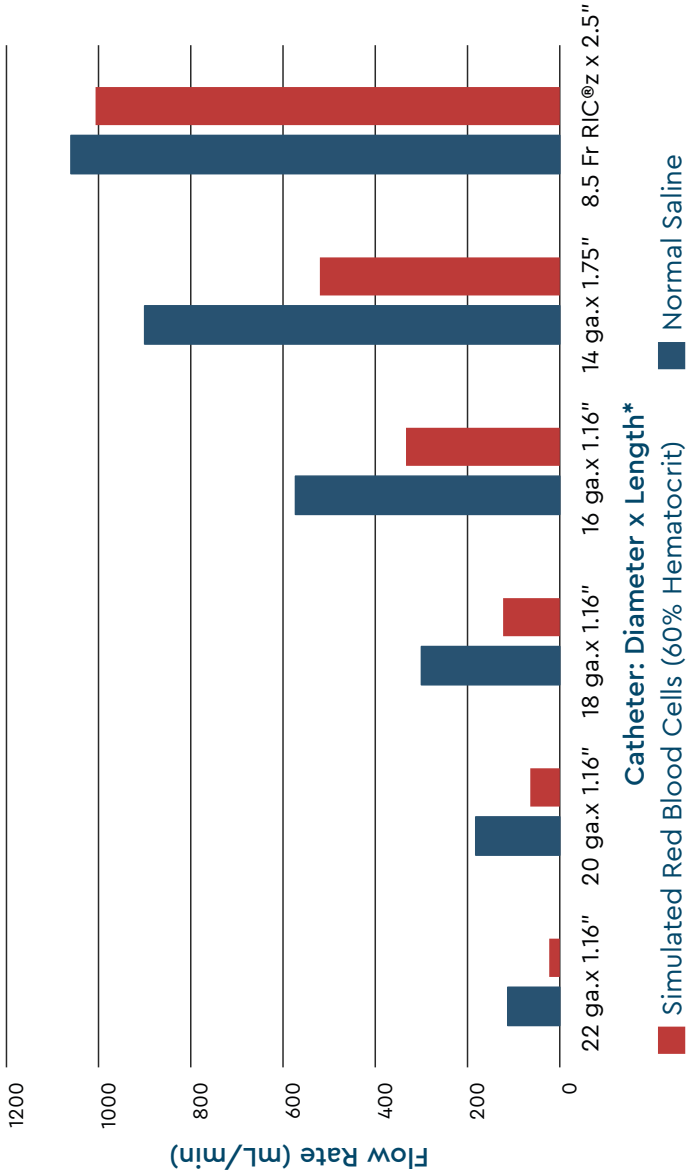
Firmly position the interlock block on top of the shelf with the blue arrow pointing inward



Place the larger blue tubing in the groove to the left and the smaller tubing to the right, close and latch the door



Maximum Achievable Flow Rate at 300mmHg⁺



Catheter: Diameter x Length*

■ Simulated Red Blood Cells (60% Hematocrit) ■ Normal Saline

*All catheters are plastic material

⁺Data on file at Belmont

Rapid Infuser Compatible Solutions

Solution	Description	Compatible?
Anticoagulated Whole Blood ¹		YES
Frozen Plasma ^{2,3}		YES
RBCs	Red Blood Cells	YES
Salvaged blood that is processed, washed, and anticoagulated through a cell saver device		YES
NS	0.9% NaCl	YES
Albumin 5%		YES
Hydroxyethyl Starch (HES)	Hetastarch in 0.9% Saline	YES
Normosol	Electrolytes in H2O	YES
Plasma-Lyte A		YES
Colloids	Colloids that do NOT interact with blood products and do NOT contain Ca	YES
Sodium Bicarbonate Solutions		NO
½ NS	0.45% NaCl	NO
3% NS	3% NaCl	NO
Platelets	Should not be diluted	NO
Cryoprecipitate	Should not be diluted	NO
Albumin > 5%		NO
Calcium containing Solutions ⁴	Ca	NO
Lactated Ringer's Solution ⁴	K, Na, Cl, Ca, Lactate	NO
Ringer's Solution ⁴	K, Na, Cl, Ca, Lactate	NO
Hartmann's Solution ⁴	K, Na, Cl, Ca, Lactate	NO
Hextend	Hetastarch in Lactated Ringer's	NO
8% Amino Acids		NO
Intralipids 10%		NO
Intralipids 20%		NO
D5W	5% Dextrose in Water	NO
D10W	10% Dextrose in Water	NO
D20W	20% Dextrose in Water	NO
D50W	50% Dextrose in Water	NO
D5 ¼ NS	5% Dextrose 0.2% NaCl	NO
D5 ½ NS	5% Dextrose 0.45% NaCl	NO
D5NS	5% Dextrose 0.9% NaCl	NO
D10NS	10% Dextrose 0.9% NaCl	NO
10% Dextran in 5% Dextrose		NO
10% Dextran 40 in 0.9% NS		NO
5% Alcohol in 5% Dextrose		NO
D5 LR	5% Dextrose in Lactated Ringer's	NO
D10 LR	10% Dextrose in Lactated Ringer's	NO
Glucose		NO
Granulocyte Suspension		NO

Warnings

Lactated Ringer's:

Please DO NOT mix Lactated Ringer's or other solutions containing calcium with citrated blood products.

Mixing Lactated Ringer's or other solutions containing calcium with citrated blood products will compromise the anticoagulants in the blood, which could clot in the blood, blocking the flow and cause an over-temperature / overheating issue.



Additional Warnings:

- ¹ Whole blood stored up to 14 days may lose more than 20% of platelets when infused with low flow rates, such as 10 mL/min.
- ² Plasma frozen within 24 hours of phlebotomy may have increased complement 3a levels by more than 20% when the plasma is infused with a high flow rate, such as 1000mL/min, or a low flow rate such as 10 mL/min.
- ³ Plasma frozen within 24 hours of phlebotomy may have an increase of more than 20% in values of prothrombin fragment 1+2 when infused with a low flow rate such as 10 mL/min.
- ⁴ Lactated Ringer's or other calcium equivalent calcium containing solutions may be infused through The Belmont Rapid Infuser RI-2 when no blood products have been introduced into the disposable. Blood products should be infused through separate disposables.



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