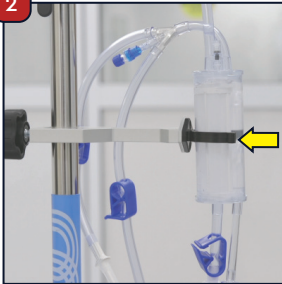


# Quick Setup Guide

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.

2



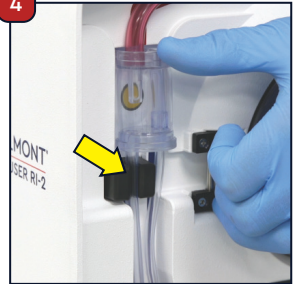
Tighten all connections and snap the reservoir chamber into the support.

3



Load the circular heat exchanger with the red arrow pointing up.

4



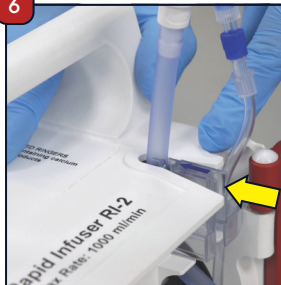
Place the pressure chamber into the pressure chamber well and press the infuse line into the air detector.

5



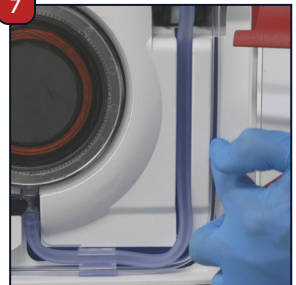
Place the infuse line to the left of the valve wand and the thinner recirc line to the right of the valve wand.

6

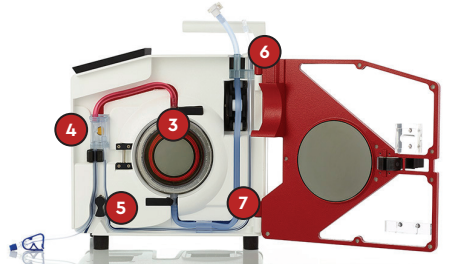


Firmly position the interlock block on top of the shelf with the blue arrow pointing inward.

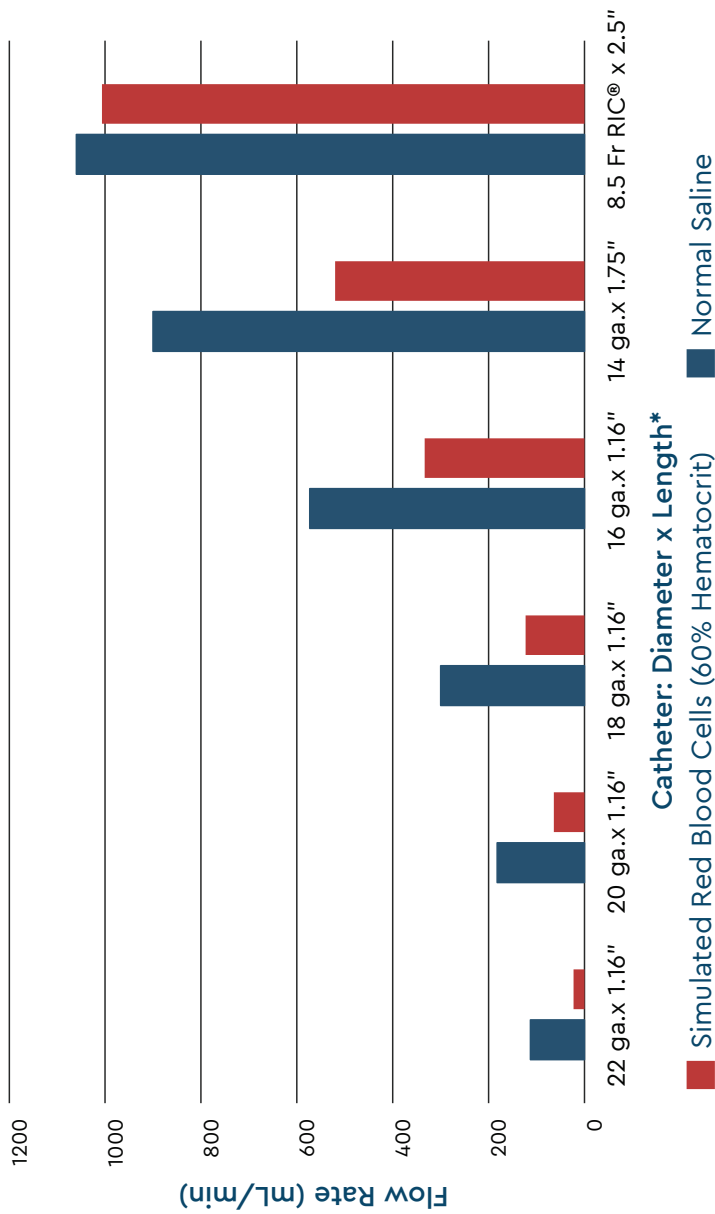
7



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<sup>+</sup>



\*All catheters are plastic material

<sup>+</sup>Data on file at Belmont

# Rapid Infuser Compatible Solutions

| Solution                                                                                 | Description                                                             | Compatible?            |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------|
| Anticoagulated Whole Blood <sup>1</sup>                                                  |                                                                         | YES                    |
| Frozen Plasma <sup>2,3</sup>                                                             |                                                                         | 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 H <sub>2</sub> O                                        | 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                     |
| 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                     |
| Calcium containing Solutions <sup>a</sup>                                                | Ca                                                                      | NO IF MIXED WITH BLOOD |
| Lactated Ringer's Solution <sup>a</sup>                                                  | K, Na, Cl, Ca, Lactate                                                  | NO IF MIXED WITH BLOOD |
| Ringer's Solution <sup>a</sup>                                                           | K, Na, Cl, Ca, Lactate                                                  | NO IF MIXED WITH BLOOD |
| Hartmann's Solution <sup>a</sup>                                                         | K, Na, Cl, Ca, Lactate                                                  | NO IF MIXED WITH BLOOD |
| Hextend                                                                                  | Hetastarch in Lactated Ringer's                                         | NO IF MIXED WITH BLOOD |

# 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:

- <sup>1</sup> 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.
- <sup>2</sup> 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 1000 mL/min, or a low flow rate such as 10 mL/min.
- <sup>3</sup> 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.
- <sup>4</sup> 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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