Amicus

Therapeutic Plasma Exchange (TPE)

Precision Therapy.
Soft, Safe Care.
† Citrate was infused at different rates and ratios for each device in accordance with the manufacturer’s instructions.

Maximize plasma removal efficiency

With the goal to remove plasma while sparing cells, the efficiency of a device impacts the amount of whole blood that must be processed to remove a target amount of plasma. Plasma removal efficiency (PRE) is the metric used to measure the amount of whole blood that must be processed to remove a targeted amount of plasma.¹

Low levels of anticoagulant to the patient

Low anticoagulant (AC) to the patient is a key element of our Gentle Science design. In this study, Amicus processed a similar amount of whole blood compared to Optia®, but the quantity of AC used was lower, resulting in less AC to the patient.²
Providing soft, safe care to patients

**Low extracorporeal kit volume and custom priming**

Amicus employs a kit design with an extracorporeal volume (ECV) of 160 mL. A low kit ECV helps to reduce the percent of patient total blood volume used to prime the kit.

In situations with a patient with lower total blood volume, Amicus offers a custom prime option† that allows customization of settings to trigger an option to use an alternate source for priming the kit.

**Platelet sparing**

The Gentle Science design of Amicus keeps platelet loss low in a TPE procedure. In the Amicus TPE clinical trial, platelets in waste plasma was low, resulting in low patient platelet loss.³

**Comparable procedure times**

We know procedure time is important to your patients and staff. In this study, Amicus demonstrated procedure times comparable to the other devices on the market.²

**Balance fluids accurately**

Keeping patients comfortable is key to the care you provide. With a real-time volume measurement approach through the use of a unique combination of weigh scales and pumps, Amicus delivers extremely high fluid accuracy.¹

### Patient platelet loss

2.3%  

### Fluid Balance Accuracy

99.8%
References

2. Joan Cid et al. Comparison of plasma exchange procedures using three apheresis systems
3. FRCP 0210 Post Hoc Patient Platelet Loss TPE Clinical Trial Data, April, 2014.
5. Spectra Optia® Operators Manual TPE
6. COBE Spectra® Apheresis System • Essentials Guide

‡ Custom prime feature is only available on software version 4.5 and 5.1

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Refer to the Amicus Separator operator’s manual for the full list of warnings and cautions associated with the use of the Amicus device.