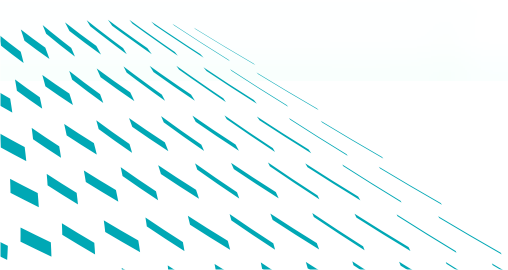


## XTRA<sup>®</sup>

Introducing the new PFAT protocol:  
fat removal for neurological protection



## Contributing to patient protection

Neuropsychological disorders and brain injury are a potentially serious problem for patients undergoing cardiac surgery<sup>1</sup> and other surgical applications<sup>2,3</sup>. A significant contributor is lipid embolism.

## ATS solution: The PFAT Protocol

Autotransfusion systems deliver washed, fresh and vital autologous RBCs, significantly decreasing the inflammatory response<sup>4</sup>. The XTRA<sup>®</sup> Autotransfusion system not only reduces inflammatory risk but also offers the new PFAT protocol, which removes up to 99% of fat particles from intra-operative and post-operative processed blood<sup>5</sup>, reducing the risk of fat embolism<sup>6</sup>.

## Effectively eliminates fat particles while balancing HCT and Wash Quality

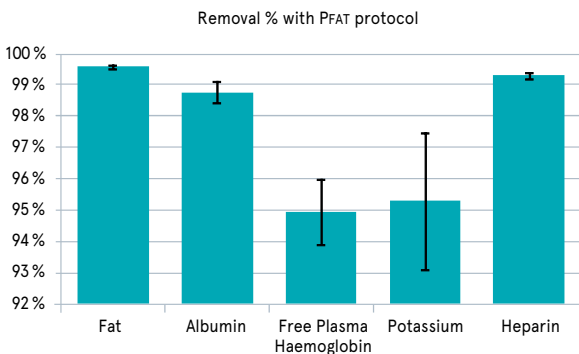
PFAT protocol eliminates fat particles by 99,6%<sup>5</sup> while achieving average Haematocrit 50%.



\*using 225 ml bowl, averaging both inlet HCT of 10% and 25%.

## Maintains optimal supernatant wash-out

PFAT protocol reaches high elimination rates for Albumin (98.8%), Free Plasma Haemoglobin (94.9%), Potassium (95.3%) and Heparin (99.3%)<sup>5</sup>.



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The Sorin Group Deutschland Quality System complies with:  
EN ISO 13485:2012

The Sorin Group Italia Quality System complies with:  
EN ISO 13485:2012

CE 0123 According to Annex II (Full Quality System) of  
MDD 93/42/EEC as amended by directive 2007/47/EEC



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