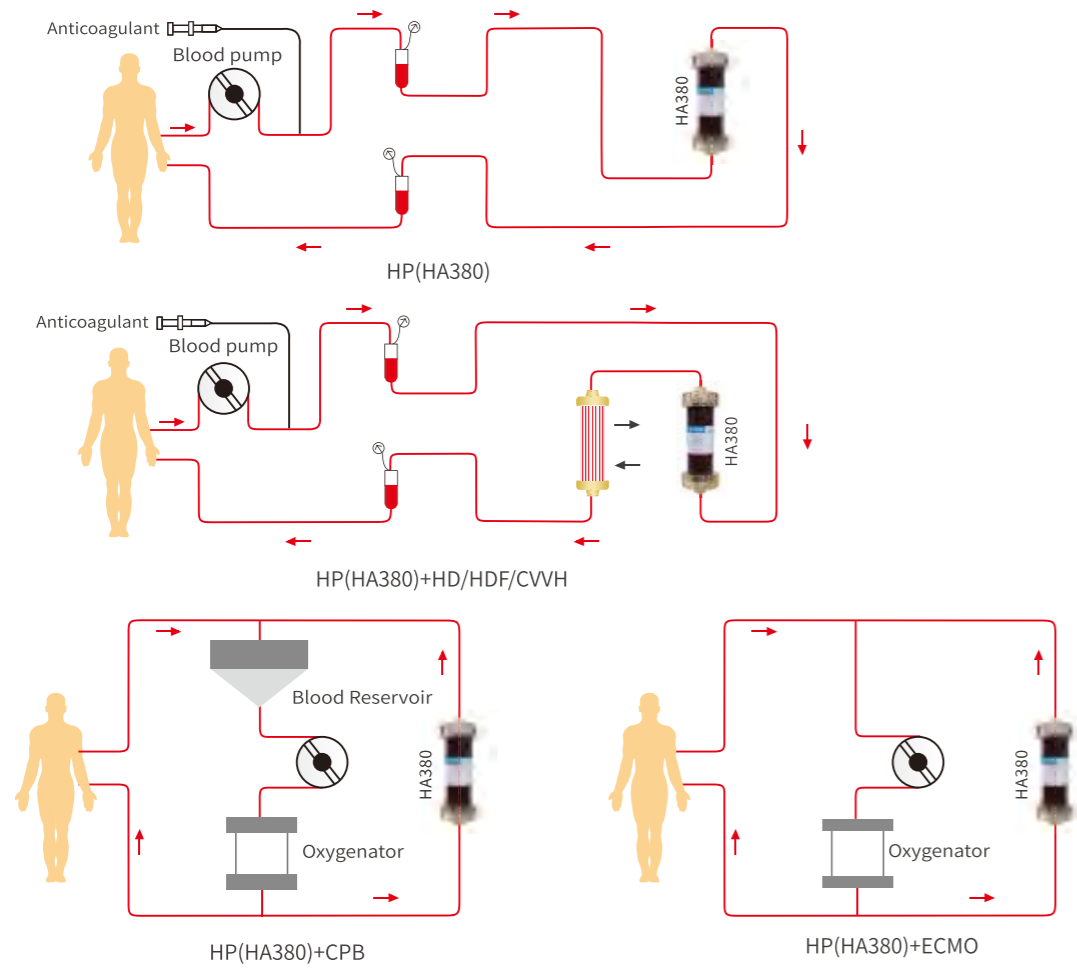


Multiple treatment modes, flexible choice



HA380

Disposable Hemoperfusion Cartridge

Critical diseases related to inflammatory mediators imbalance
 Such as cardiac surgery, sepsis, septic shock, ARDS, MODS, SAP, burn complications, etc.

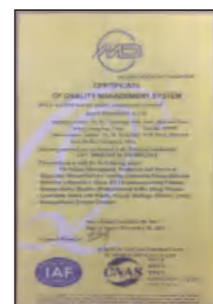
Jafron – the largest manufacturer of adsorption columns in the world



Jafron High-Tech Park



CE



ISO 9001



ISO 13485

HA380-02-01-Jul-2019



JAFRON BIOMEDICAL CO., LTD.

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 1300 720 727
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TekMed NZ
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 www.tekmed.co.nz

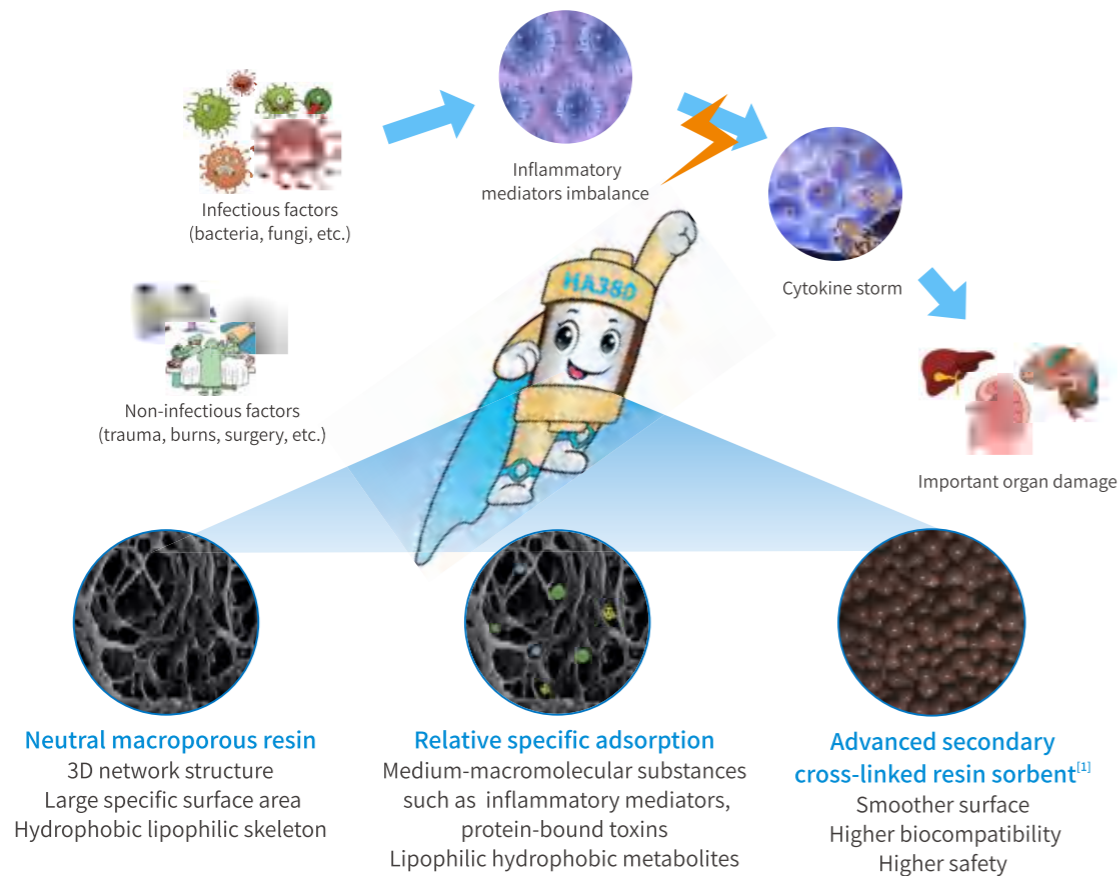


Treatment Principle

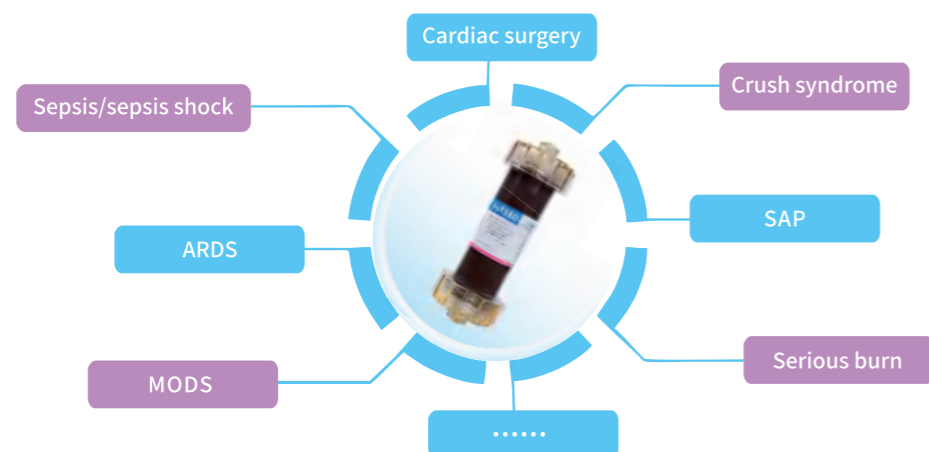
Inflammation is a response of infection and tissue damage to eliminate infection and help tissue repair. When the injury or infection is severe, the inflammatory response is stimulated, and the ratio of pro-inflammatory cytokines and anti-inflammatory cytokines released by immune cells is unbalanced, which will lead to cytokine storm and further aggravate the damage of tissues and organs.

The adsorbent of HA380 hemoperfusion cartridge is neutral macroporous resin. Because of its large amount of medium-macroporous structure and large specific surface area, it can

- adsorb excessive inflammatory mediators and oxidative metabolites,
- control inflammatory cytokine storms,
- help improve hemodynamic,
- relieve organ damage and complications for critically-ill patients.

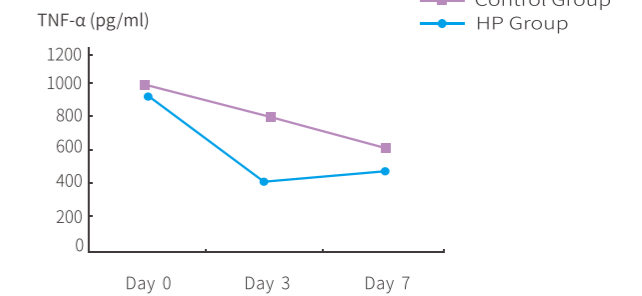
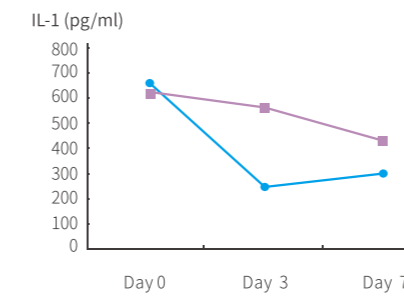


Indications^[2-3]

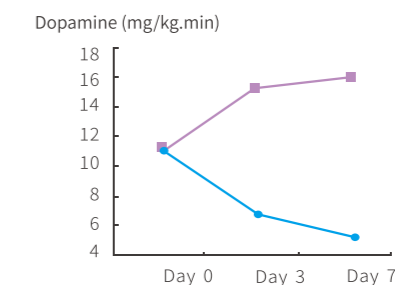
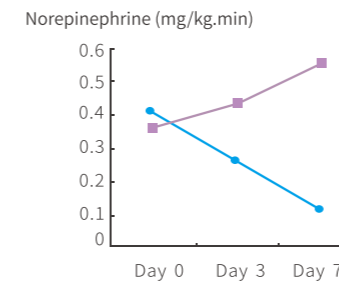


Clinical data^[4]

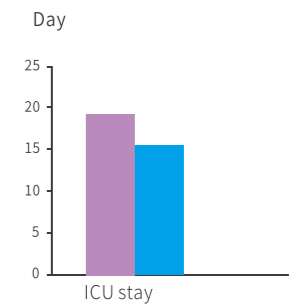
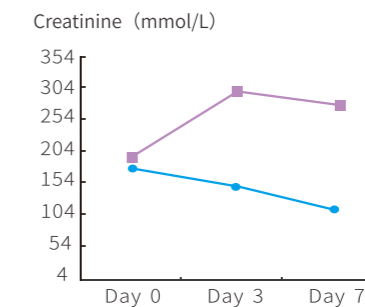
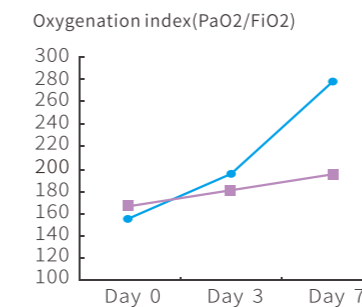
Clear inflammatory mediators



Reduce the dosage of vasopressors



Improve organ function and reduce ICU stay



Good compatibility

CVVH/HDF/HD+HP



CPB+HP



[1] Binglin He, Xianquan Guo, Youan Chen, Blood Purification and Hemoperfusion[J], Chinese Science Bulletin, 2000, 45(5): 449-454

[2] Clark W R, Ferrari F, Manna G L, et al. Extracorporeal Sorbent Technologies: Basic Concepts and Clinical Application[J]. Contributions to Nephrology, 2017, 190:43.

[3] Tang Y, Zhang L, Fu P, et al. Hemoperfusion plus continuous veno-venous hemofiltration in a pregnant woman with severe acute pancreatitis: a case report.[J]. International Urology & Nephrology, 2012, 44(3):987-990.

[4] Zhao Huang, Si-rong Wang, Zi-li Yang, and Ji-yun Liu. Effect on Extrapulmonary Sepsis-Induced Acute Lung Injury by Hemoperfusion With Neutral Microporous Resin Column[J]. Therapeutic Apheresis and Dialysis, 2012:1-8.