

HA380 Disposable Hemoperfusion Cartridge Properties

Adsorbent Volume (mL)	380
Biocompatibility	Tested as required in ISO10993
Adsorbent Material	Double Cross-linked Styrene-divinylbenzene Copolymer
Housing Material	Polycarbonate
Sterilization Method	Irradiation Sterilization

Precaution: Physicians should pay attention to potential side effects such as low blood pressure, chills, and coagulations when using the product.

*Contraindications, Warnings and Precautions refer to Instructions For Use.

JAFRON - Global Manufacturer and Supplier of Adsorption Columns



CE-MDR



CE-MDD



ISO 9001



EN ISO 13485

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(For Internal Use)

 **Jafron**
Stock Abbreviation: JFSW
Stock Code: 300529

CE 0197

MASTER THE ACUTE PHASE

Critical diseases related to inflammatory mediators ^{△[1-18]}

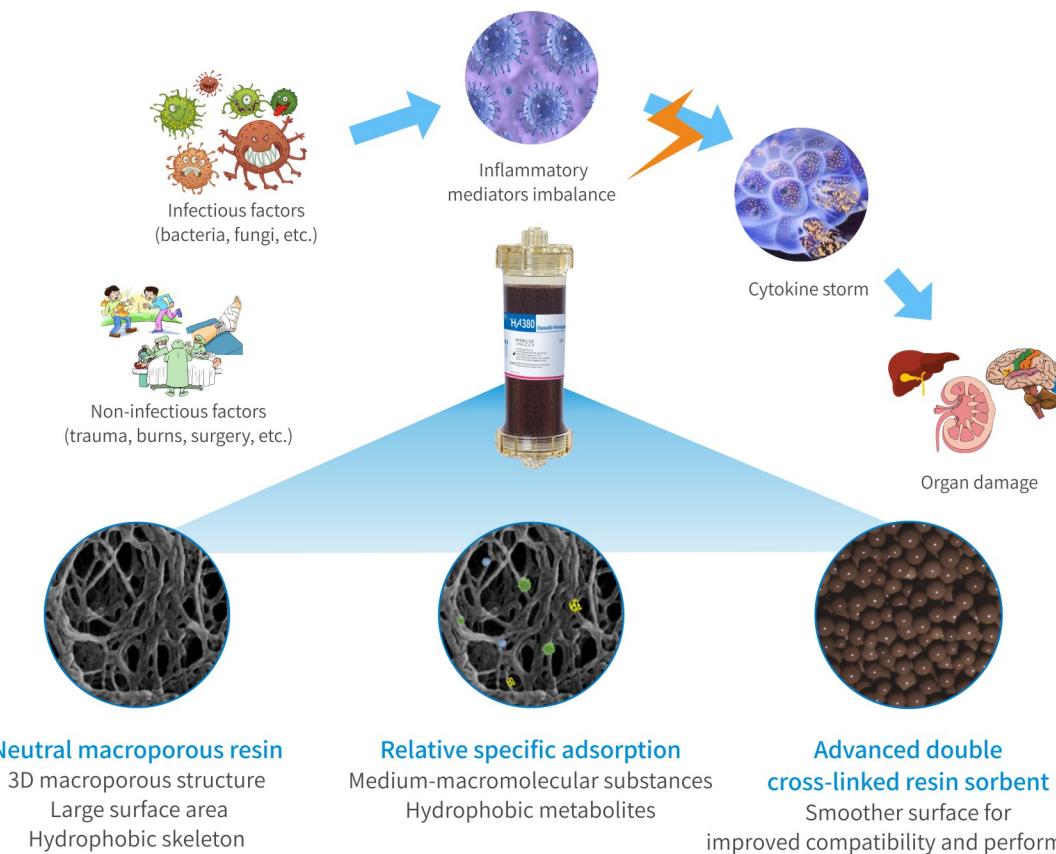


HA380 can remove inflammatory mediators and cytokines including IL-1, IL-6, IL-8, IL-10, TNF- α . It is indicated to use in conditions where elevated levels of above substances exist.

Treatment Principle

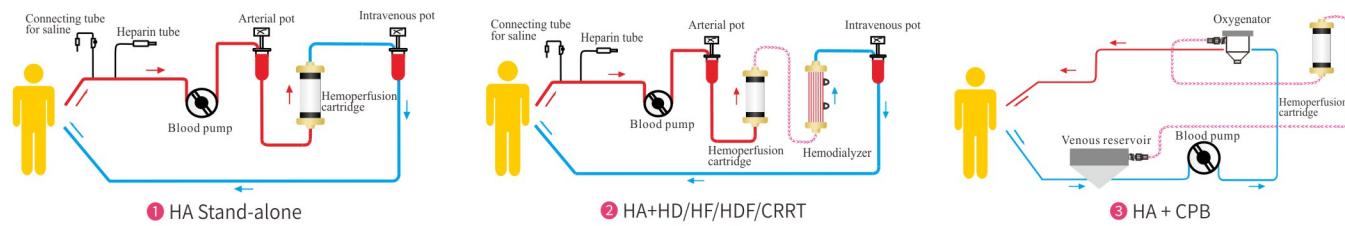
Cytokine storm is an umbrella term encompassing several disorders of immune dysregulation characterized by constitutional symptoms, systemic inflammation, and multi-organ dysfunction that can lead to multi-organ failure.^[1]

HA380 disposable hemoperfusion cartridge contains adsorbents composed of double cross-linked styrene-divinylbenzene copolymer, designed to adsorb molecules within the **10 to 60 kDa** range.^[2] Due to its precisely engineered 3D macroporous structure and an **adsorption surface area exceeding 54,000 m²**, HA380 is intended for use in extracorporeal blood purification therapies to modulate inflammatory cytokine levels, improving hemodynamics^{[5-6][8-9]}, preventing further organ damage and complications^{[5-6][8-10]}, as well as shortening the ICU stay and hospital stay^[5-6].



Treatment Modes

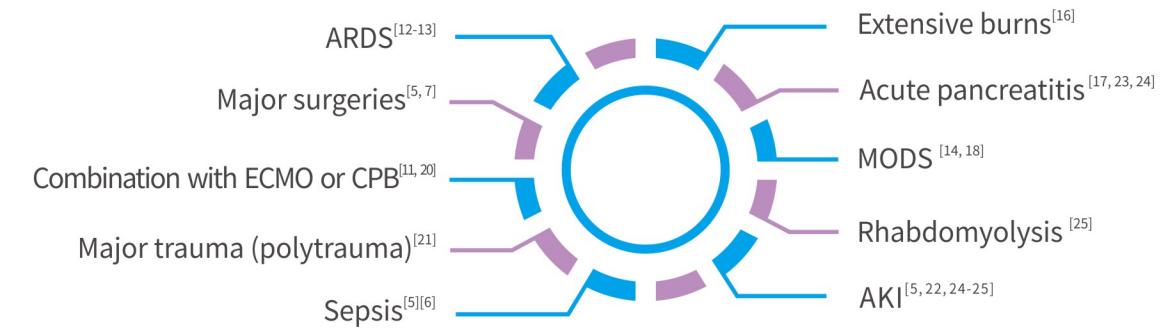
HA380 hemoperfusion cartridge is compatible with many extracorporeal blood purification therapies.



[△]For detailed information, please visit www.jafron.com.

Adsorption Therapy Application[△]

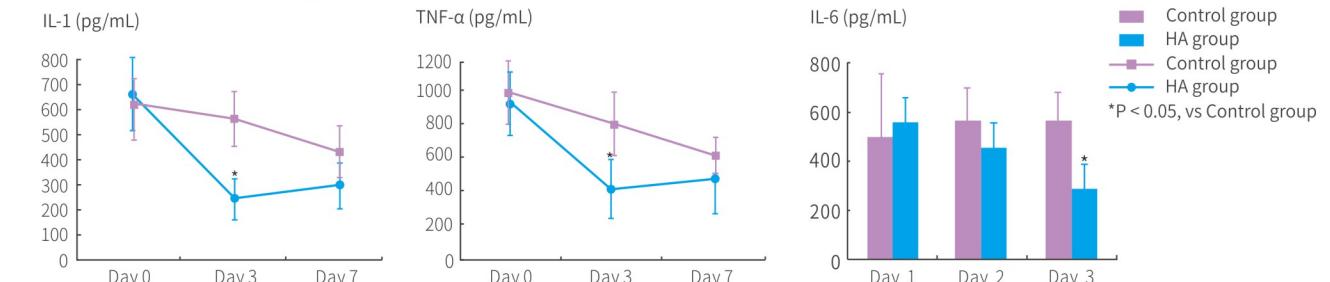
According to clinical studies and practices, the HA treatment is indicated in patients presenting inflammatory phenotype (cytokine release syndrome) irrespective of the main etiology^[19].



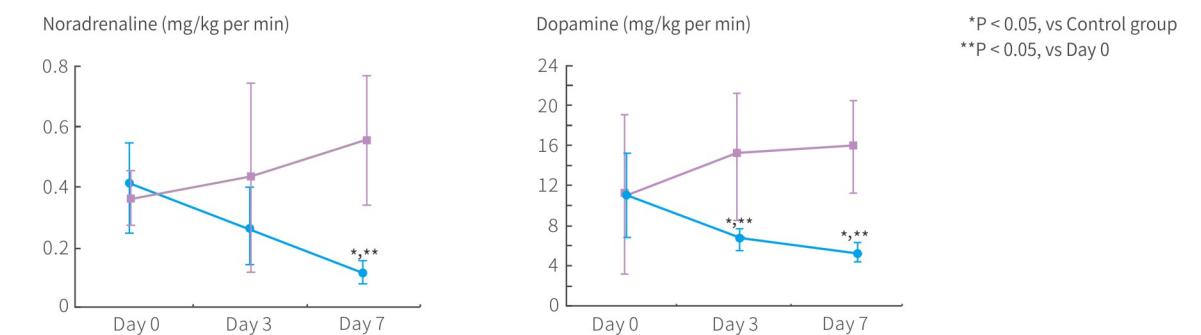
Clinical Data^[5-6]

In clinical studies and practice, HA380 has indicated the following clinical data.

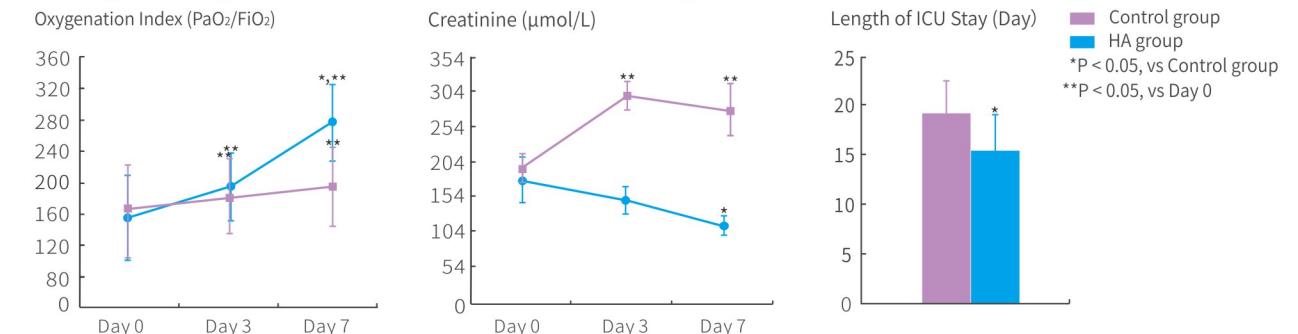
Remove Inflammatory Mediators



Reduce the Dosage of Vasopressors



Changes in Organ Function Parameters and ICU Stay Duration



Outcomes may vary according to patient-specific factors and clinical conditions. The data presented are based on selected patient cohorts.