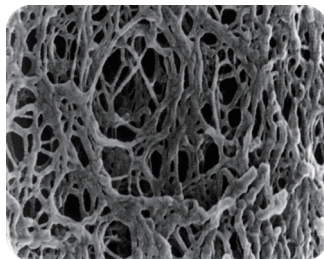


**Jafron has been focusing on hemoadsorption therapy for more than 20 years.**



**Advanced resin**

- Surface modification technology to improve blood compatibility
- High mechanical strength of adsorbents and large adsorptive surface area
- Nano-scale accurate molecular sieve control technology that enhances the effect of specific elimination of target substances



**High standard production quality control**

- The production system complies strictly with international quality certification CE, ISO, etc.
- Possess an international standard ISO 7 clean workshop and ISO 5 clean operation system
- Automatic production line



**Clinical Application**

- Clinical use for more than 20 years
- Used by over 6000 major hospitals in over 80 countries
- Benefited more than 3 million patients annually in the globe
- Support from 100+ peer reviewed international publications



Jafron Headquarters



CE



ISO 9001



EN ISO 13485



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(For Internal Use)



Stock Abbreviation: JFSW  
Stock Code: 300529

CE 0197

# HA60 Disposable Hemoperfusion Cartridge

Improve The Acute Phase

Small cartridge  
Special care



Jafron Biomedical Co.,Ltd.

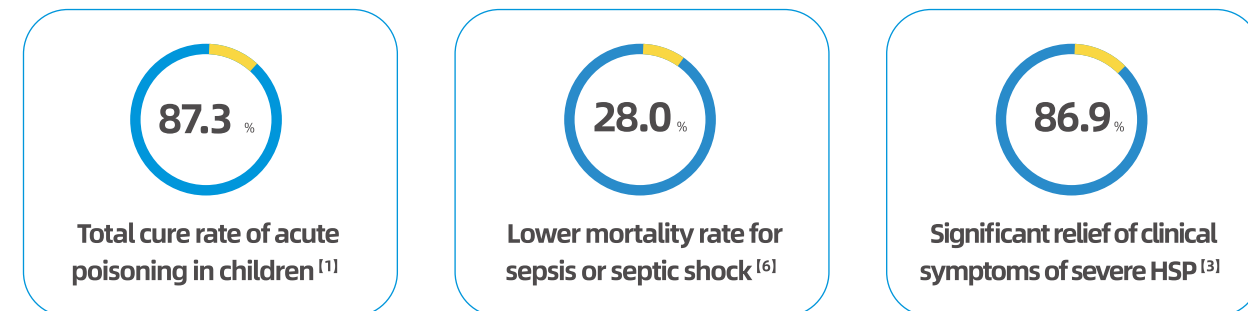
CY-HA60-01-03-2022-EN

## Clinical Application of Adsorption Therapy\*

- Sepsis
- Allergic Purpura
- Cardiac Surgery
- Hyperinflammation
- Acute Poisoning
- Liver Failure
- Drug Overdose

\*According to clinical experience, HA cartridge has been applied conditions above.

## Clinical Efficacy of Adsorption Therapy



\*The above data are from publications on hemoadsorption therapy.

## Recommendation from Authorities

«Expert consensus on clinical application of hemoperfusion in children»

Hemoperfusion has a good effect on the treatment of children's acute poisoning caused by chemical poisons, paraquat, bee stings, and drug overdose, etc.<sup>[2]</sup>

«Pediatric blood purification technique»

Conventional blood purification therapies such as high-flux hemodialysis and hemodiafiltration have low efficiency in removing medium and large molecular toxins in Septic patients, while hemoperfusion can remove uric acid, peptides and other medium molecular substances efficiently.<sup>[5]</sup>

## Smaller Blood Volume

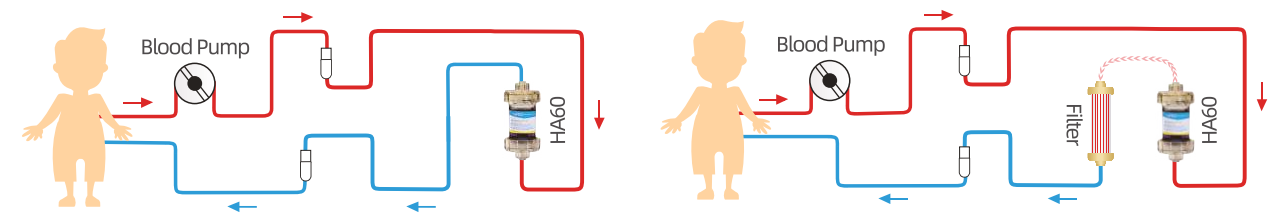


**Smaller** Blood Volume 65±20ml

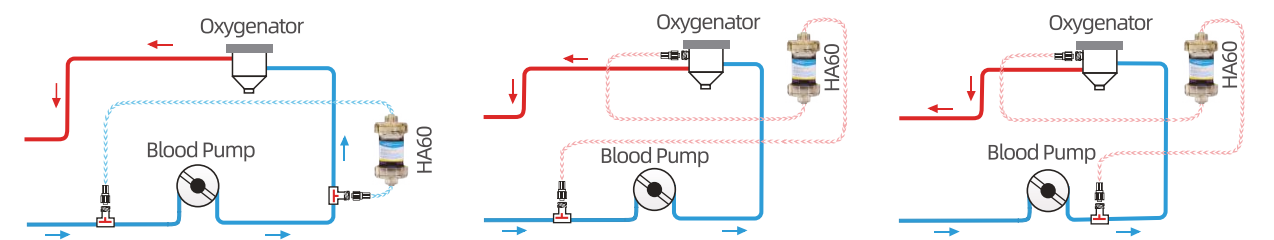
According to research, the extracorporeal circulation blood volume (tube + column) in children's blood purification treatment should not exceed 10% (8ml/kg) of the child's total blood volume to avoid adverse reactions such as cardio-pulmonary insufficiency and multiple organ failure.<sup>[2,4]</sup>

## Compatible and Convenient Operation

Hemoperfusion therapy can be used alone or in conjunction with CRRT/HD/HDF<sup>[7-8]</sup>



HP+CPB/ECMO<sup>[9-10]</sup>



## Product properties

Product Parameter	HA60 Disposable Hemoperfusion Cartridge
Adsorbent volume (ml)	60
Blood volume (ml)	65±20
Adsorbent material	Double Crosslinked Styrene-divinylbenzene Copolymers
Housing material	Polycarbonate
Sterilization method	Irradiation Sterilization

\*Contraindications, Warnings and Precautions refer to Instruction For Use.

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