

# Drug Overdose & Poisoning

## HA230 Disposable Hemoperfusion Cartridge

( For various drug poisonings and intoxication )

### Hemoperfusion — The Key to Acute Poisoning

HA230 efficiently adsorbs toxins in blood and relieves the symptoms of **acute poisoning**.

Clinical practices prove an **ideal efficacy** of Jafron HA230 in **drug poisoning and intoxication** caused by fat soluble poison or toxicant that is easily combined with plasma protein.

### Application Recommendation

Organophosphorus  
pesticide poisoning

Rodenticide poisoning

Industrial poisoning

Herbicide poisoning

Biotoxication

Other drugs and toxication

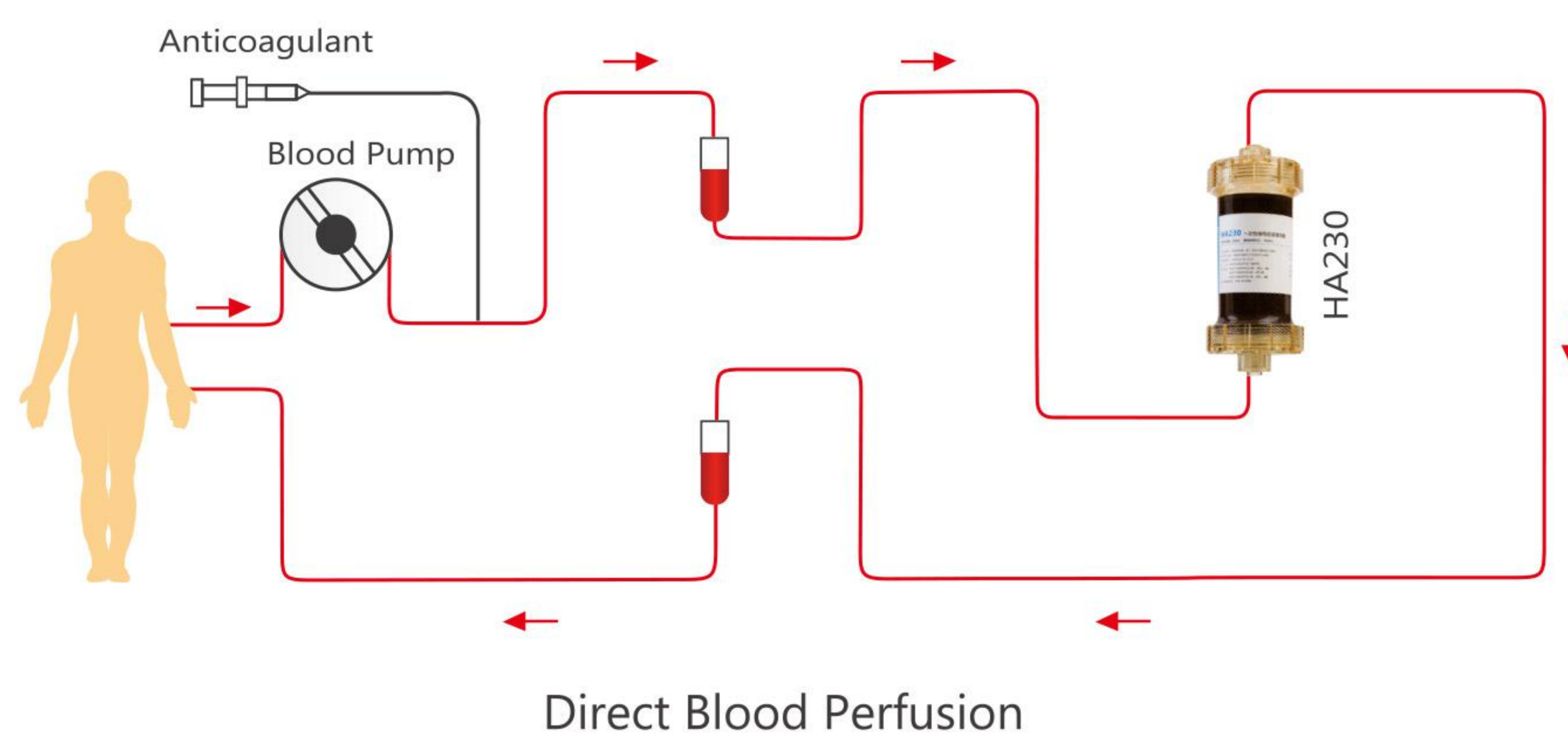
#### Comparison with conventional hemoperfusion adsorbent

- More effective and specific
- Better biocompatibility and safer

#### Comparison with traditional medical treatment

- Save rescue time: conduct HP before knowing category and concentration of poisons.
- Remove unknown or mixed toxins.
- Protect important organs: quickly adsorb drugs in blood and avoid damaging organs.
- Especially for poisonings without antidote.

### Simple and Convenient Operation on Any Blood Purification Machine



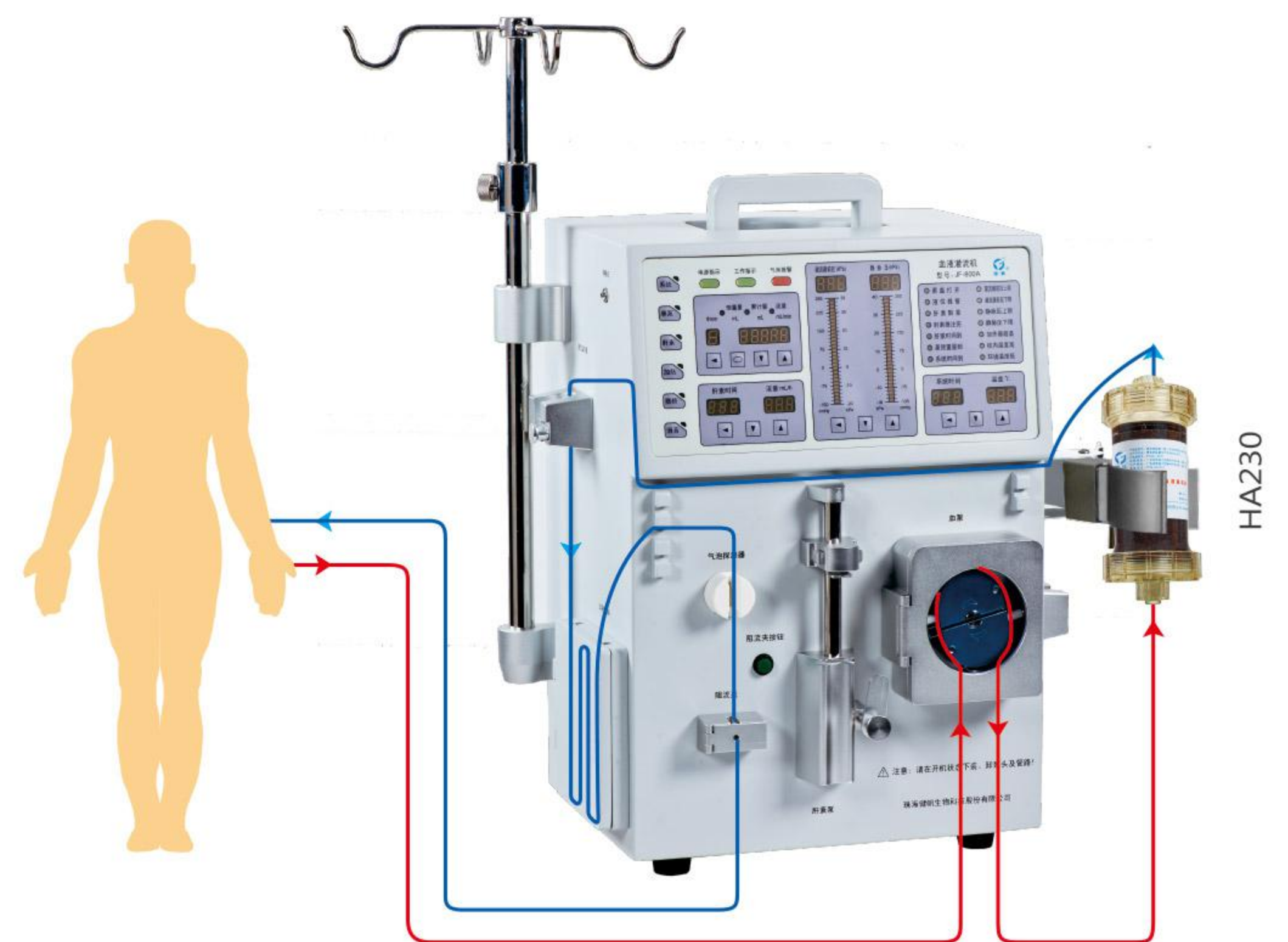
## Widely Clear Various Drugs and Poisons

Table Comparison Between HD and HP on Drug Clearance Effect

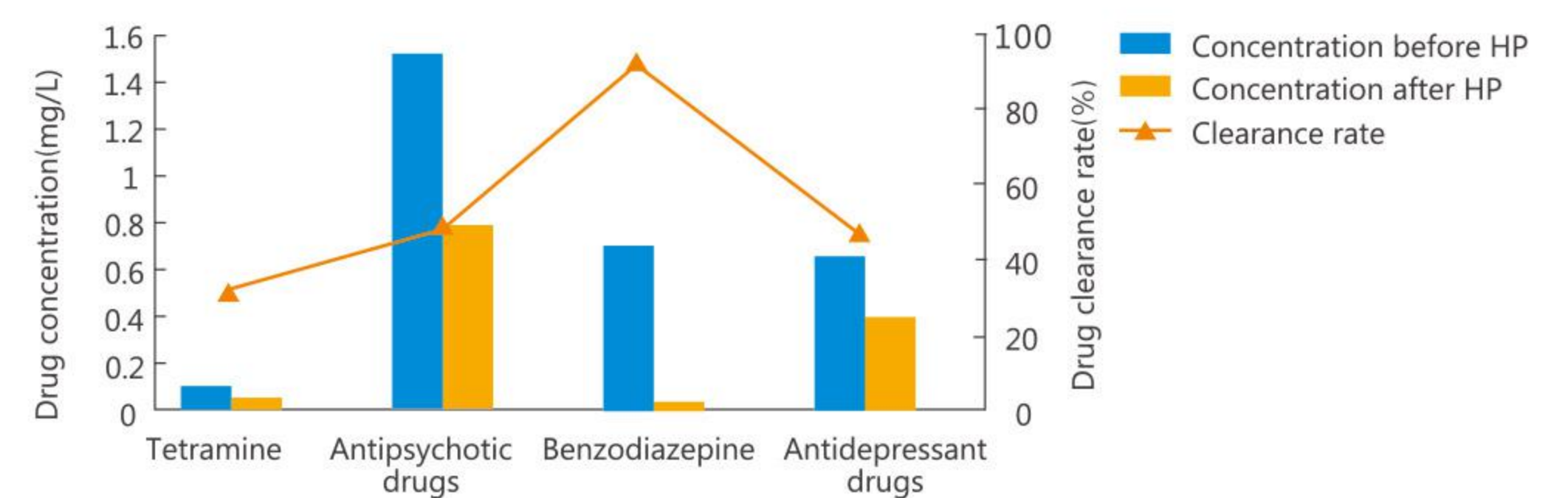
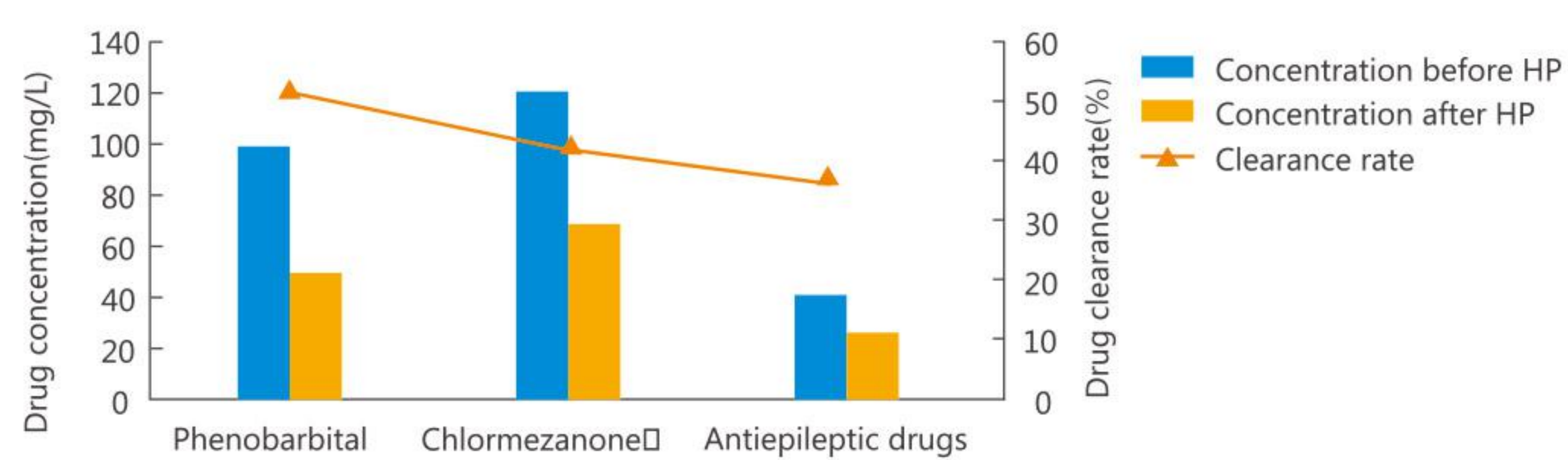
	Drugs	HD	HP (neutral macroporous resin)
Sedative -hypnotics	Barbiturates	+ ~ ++	+++
	Glutethimide	- ~ ±	++ ~ +++
	Methaqualone	± ~ +	++++
	Diazepam		++++
Anodyne	Salicylate	+++	++ ~ +++
Cardiovascular drugs	Digitoxin	+	++ ~ +++
	Quinidine	± ~ +	++
	Procainamide	+ ~ +++	++++
Organophosphorus pesticide	Dimethoate	++	+++
	DDVP		++++
Other drugs	Paraquat		+++

## HA230 + JF-800A Hemoperfusion Machine

For emergency cases and units that need simple HP facilities.



## Improve the Clearance Rate of Drugs and Poisons



## Significantly Improve Therapeutic Effect

