



# 1. Priming & Connection Guideline of HA Cartridge on Common Blood Purification Machines ( HD/HDF/CRRT machine)

## Material Preparation

- HA cartridge
- 12500U heparin
- Injector (without needle)
- Rubber hammer
- 2L saline
- Priming Tube Set

## Static Heparinization

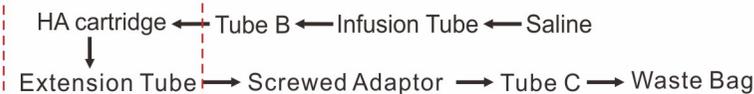
- Inject 12500U heparin into the cartridge
- Turn the cartridge upside down for over 20 times
- Put the cartridge statically for 30 minutes

## Connection [Fig.3]

- Disconnect arterial side tube with filter/dialyzer
- Connect the HA cartridge+ Extension Tube into circulation

## Priming & Air-exhausting [Fig.1]

- Connect HA cartridge with Priming Tube Set [Fig.2]  
*Fill the Infusion Tube & Tube B with saline before connecting to HA cartridge*
- Rinse with 2L saline, turn the cartridge upside down and pat the bottom of cartridge with rubber hammer to exhaust the air in the circulation



For Priming & Treatment

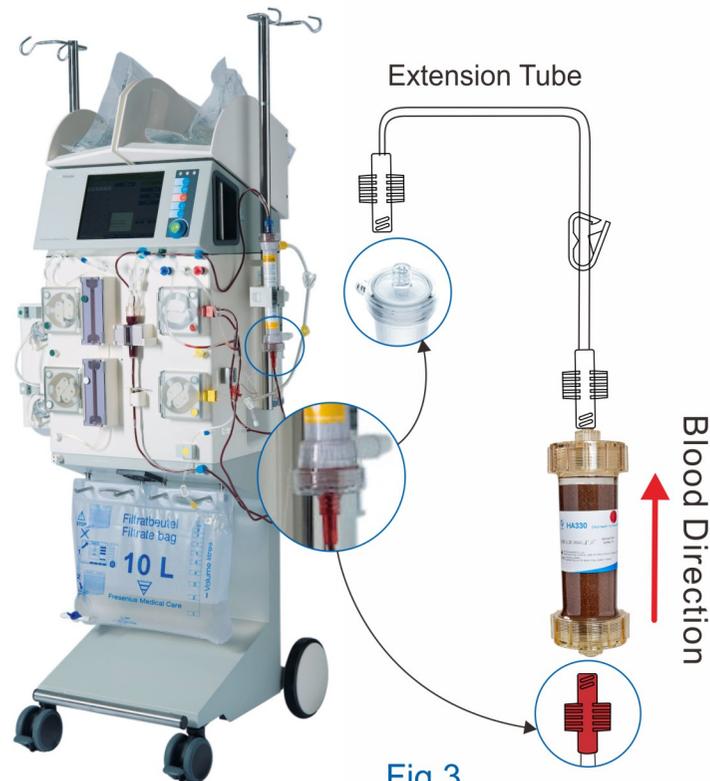


Fig.3

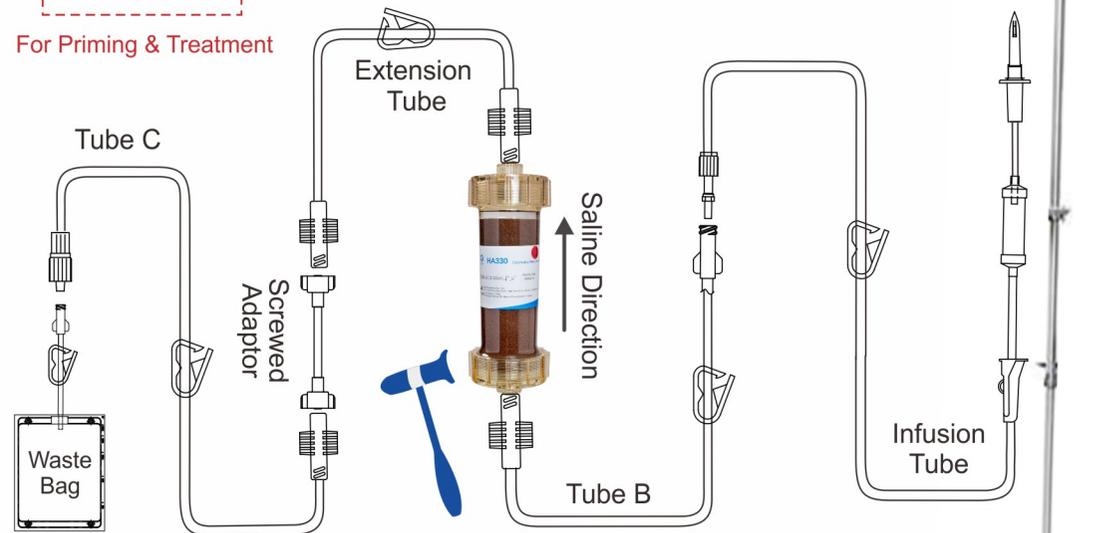


Fig.2



Fig.1

2L Saline

# 2. Priming & Connection Guideline of HA Cartridge with ECMO

## Material Preparation

- HA cartridge
- 12500U heparin
- Injector (without needle)
- Rubber hammer
- 2L saline
- Priming Tube Set

## Statical Heparinization

- Inject 12500U heparin into the cartridge
- Turn the cartridge upside down for over 20 times
- Put the cartridge statically for 30 minutes

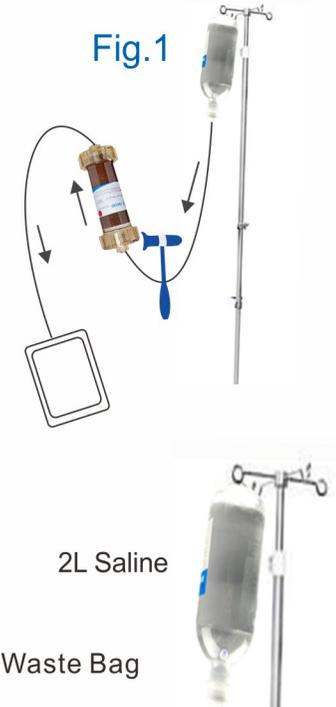
## Connection

- Connect the Tube C+HA cartridge+Tube C into ECMO circulation [Fig.3]

## Priming & Air-exhausting [Fig.1]

- Connect HA cartridge with Priming Tube Set [Fig.2]
- Fill the Infusion Tube & Tube C with Saline before connecting to HA cartridge
- Rinse with 2L saline, turn the cartridge upside down and pat the bottom of cartridge with rubber hammer to exhaust the air in the circulation

Fig.1



2L Saline

## ECMO:

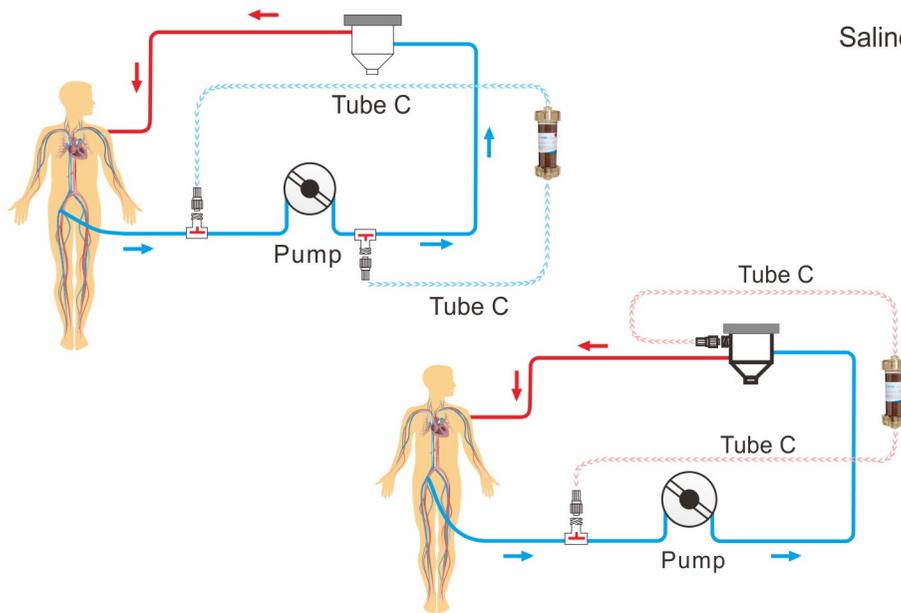


Fig.3

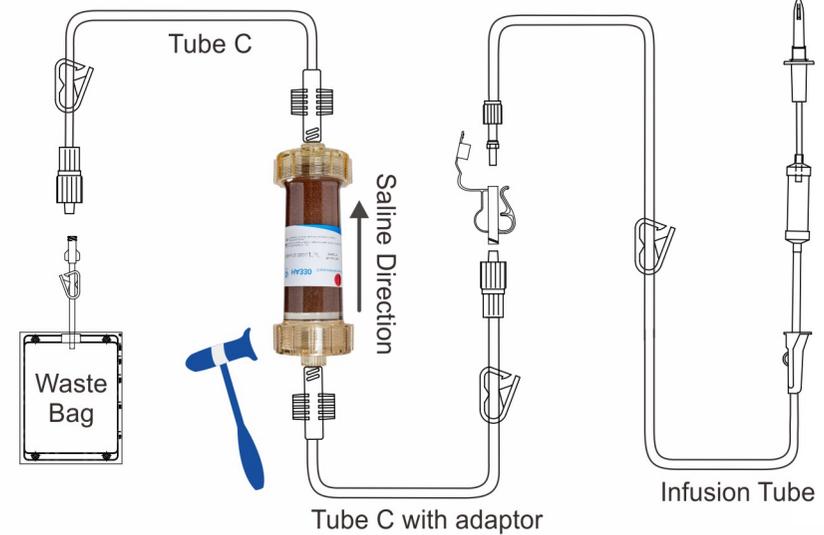
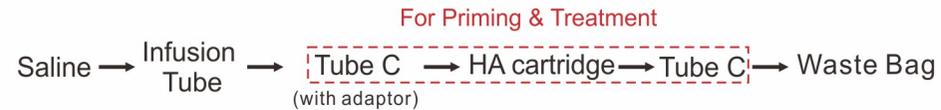


Fig.2



# 3. Priming & Connection Guideline of HA Cartridge on Prismaflex

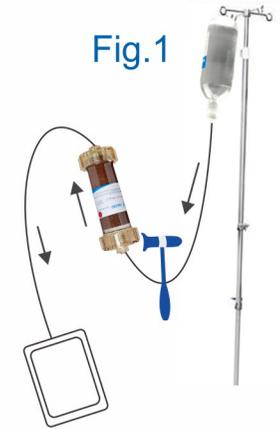
## Material Preparation

- HA cartridge
- 12500U heparin
- Injector (without needle)
- Rubber hammer
- 2L saline
- Priming Tube Set

## Statcal Heparinization

- Inject 12500U heparin into the cartridge
- Turn the cartridge upside down for over 20 times
- Put the cartridge statically for 30 minutes

Fig.1



## Connection [Fig.3]

- Disconnect Luer Lock Connector after the filter
- Connect the Tube B+HA cartridge+Tube C into Prismaflex circulation

## Priming & Air-exhausting [Fig.1]

- Connect HA cartridge with Priming Tube Set [Fig.2]
- Fill the Infusion Tube & Tube B with saline before connecting to HA cartridge
- Rinse with 2L saline, turn the cartridge upside down and pat the bottom of cartridge with rubber hammer to exhaust the air in the circulation



Fig.3

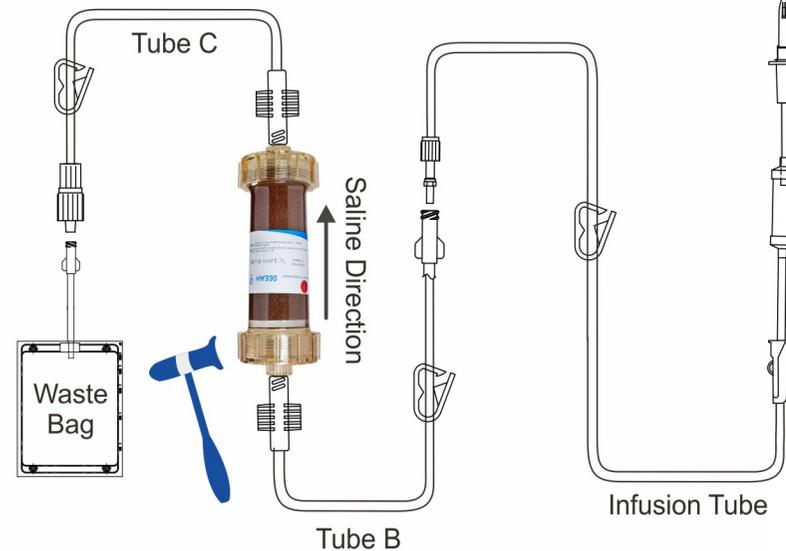
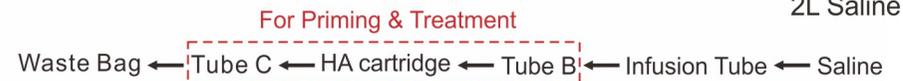
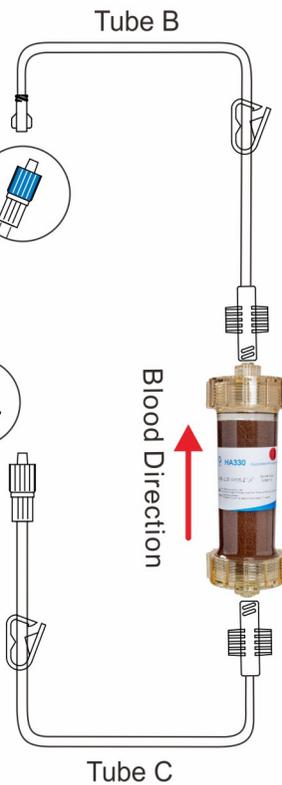


Fig.2