



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

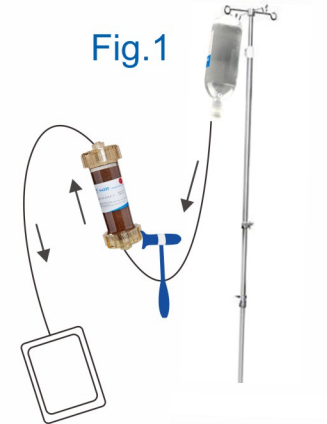
Material Preparation

- 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

Fig.1



2L Saline

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

HA cartridge ← Tube B ← Infusion Tube ← Saline
↓
Extension Tube → Screwed Adaptor → Tube C → Waste Bag

For Priming & Treatment

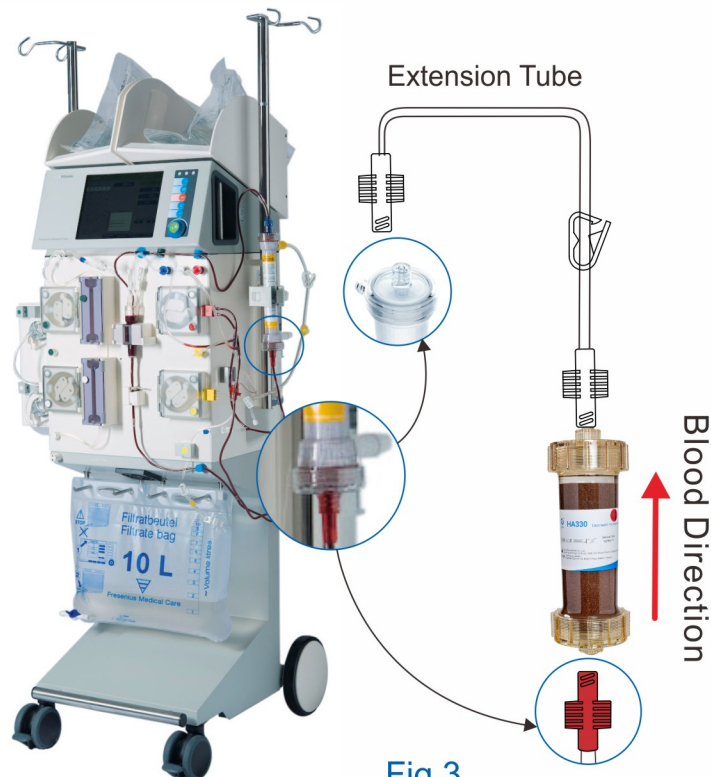


Fig.3

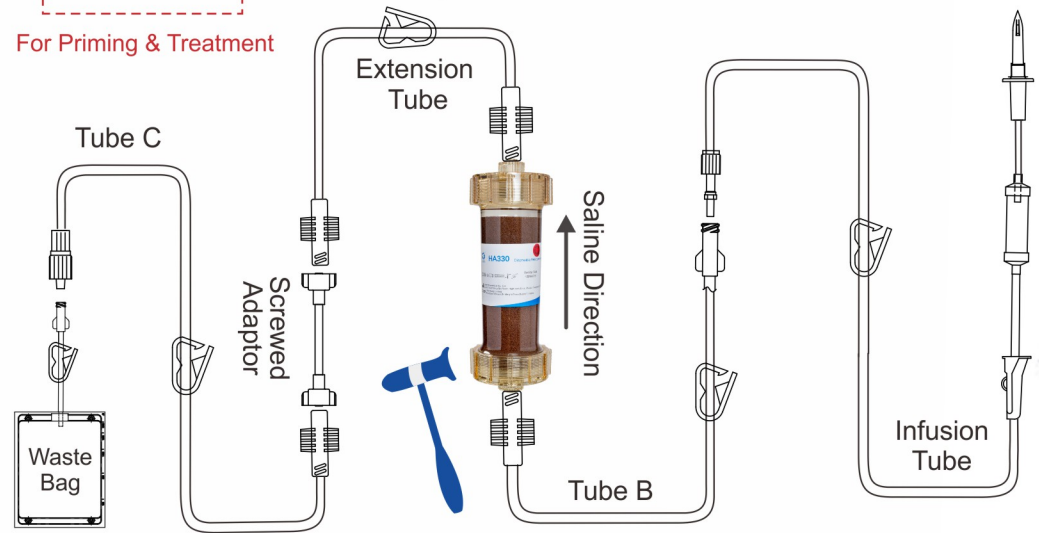


Fig.2

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

Static Heparinization

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

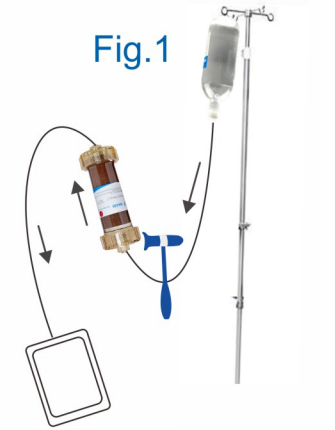
Connection

- 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:

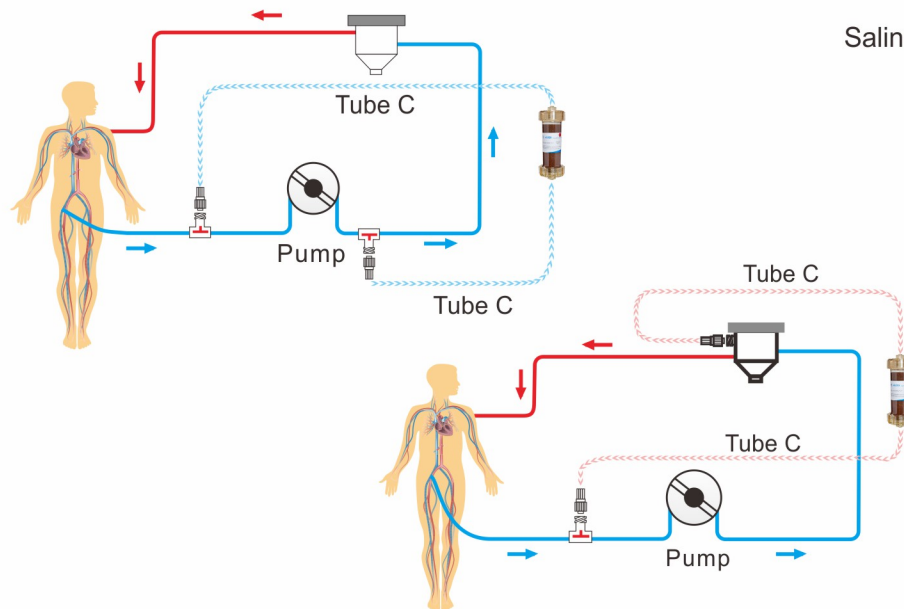


Fig.3

Saline → Infusion Tube → Tube C → HA cartridge → Tube C → Waste Bag
(with adaptor)

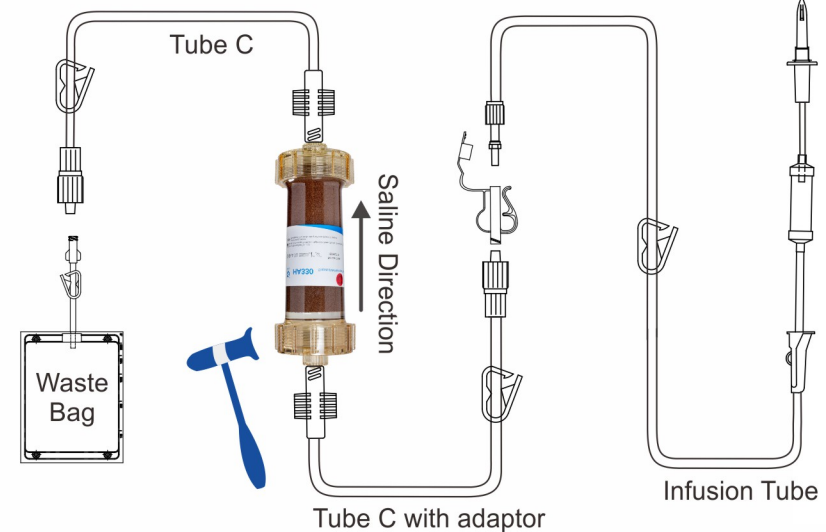


Fig.2

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

Static Heparinization

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

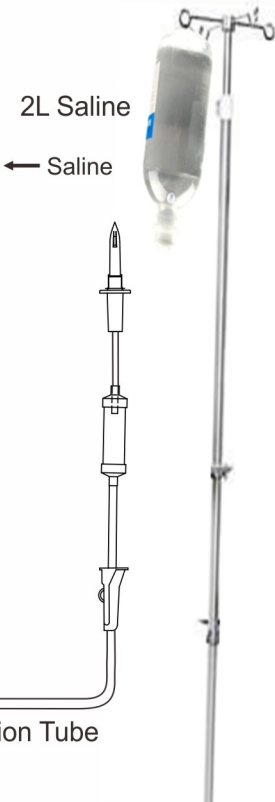
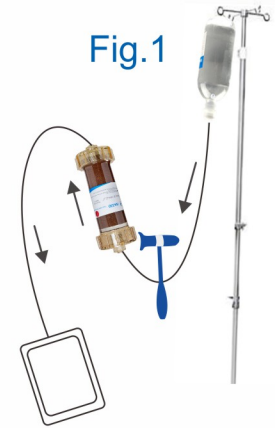
Connection [Fig.3]

- Disconnect 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.1



For Priming & Treatment
Waste Bag ← Tube C ← HA cartridge ← Tube B ← Infusion Tube ← Saline

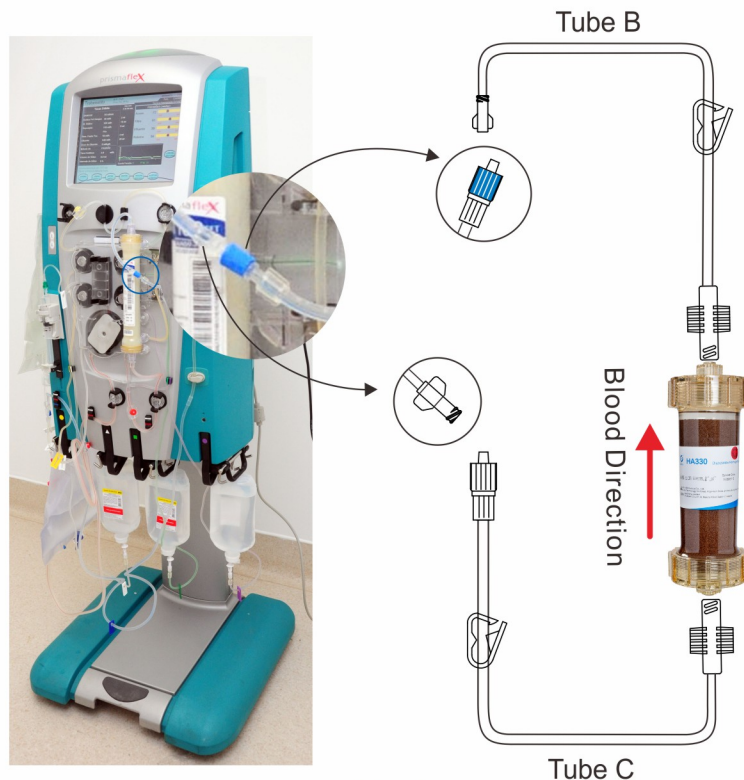


Fig.3

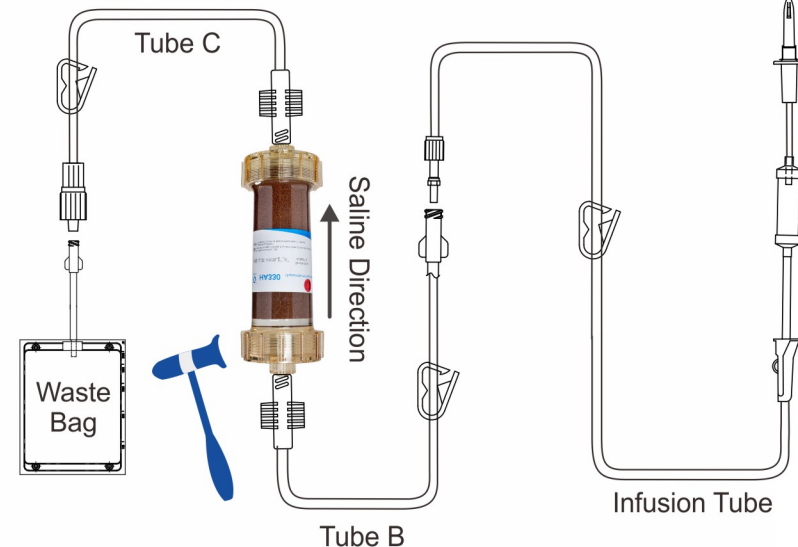


Fig.2