

# Filter Step by Step Setup Guide

If using this guide make sure to not press any buttons on screen until directed to do so in this guide

## Equipment Needed

- \* Filter kit
- \* 10L filter bag
- \* Y adaptor
- \* IV spike
- \* Calcium adaptor

## Fluids Needed

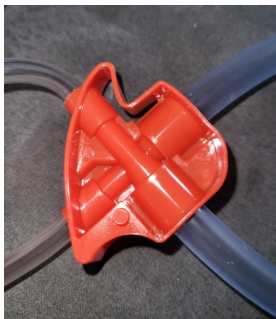
- \* Dialysate
- \* Calrecia (calcium)
- \* Sodium citrate 4%
- \* 1L NaCl 0.9%

## Equipment Guide

Access, Filtrate  
& Dialysate  
Positioners

Calcium & Citrate pump  
positioners

Make sure the point on  
pressure monitors point  
forwards

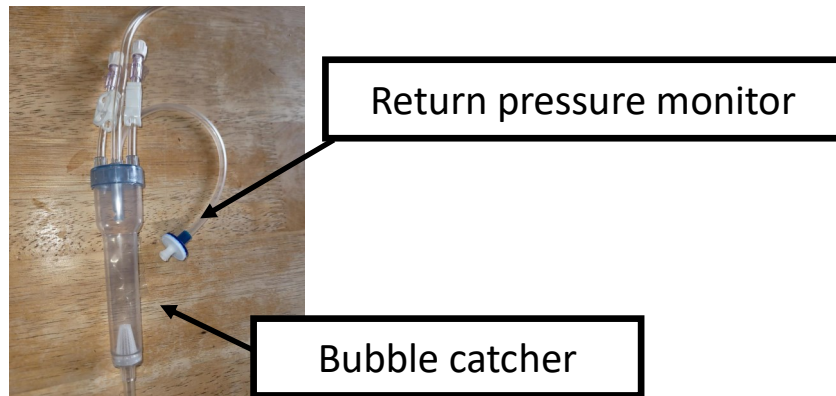


## Setup

- \* Switch on
- \* Start function test
- \* Select "CiCa CVVHD"
- \* Press ok
- \* Hang cassette
- \* Hang saline
- \* Connect the spike to the Y connector & clamp connections
- \* Spike saline
- \* Place filter in filter holder

## Blue (return) system

- \* Insert bubble catcher and screw in return pressure monitor
- \* Push return line into air detector and occlusion clamp
- \* Hang empty bag on IV pole
- \* Connect **BLUE** filter connector to the **TOP** of the filter



## Red (access) system

- \* Place **red** positioner into the pump (Audible noise to confirm) close pump door
- \* Insert pressure monitors into **red** pressure domes
- \* Insert access line into red occlusion clamp
- \* Connect to saline
- \* Connect **RED** filter connection to the **BOTTOM** of the filter

## Yellow (filtrate) system

- \* Place **yellow** positioner into the pump (Audible noise to confirm) close pump door
- \* Insert pressure monitors into **yellow** pressure dome
- \* Insert filtrate line into the blood leak detector
- \* Hang filtrate bag
- \* Connect filtrate line to the filtrate bag
- \* Connect **YELLOW** filter connection to the **BOTTOM BACK** connector on filter

# Green (dialysate) system

- \* Mix dialysate solution bags
- \* Place dialysate bags with connectors pointing down and load onto scales  
DO NOT BREAK CONES
- \* Place **green** positioner into the pump (Audible noise to confirm) close pump door
- \* Connect **GREEN** filter connection to the **TOP BACK** connector on filter
- \* Pull the heater bubble through the heater and push **GREEN** clip into **GREEN** holder
- \* Connect dialysate lines to dialysate bags  
DO NOT BREAK CONES

# Ci-Ca system

- \* Hang calcium bag & citrate bag
- \* DO NOT BREAK CONES
- \* Close both **WHITE** clamps on the calcium line Close both **GREEN** clamps on the citrate line
- \* Connect the calcium connector to the calcium bag
- \* Connect the citrate connector to the citrate bag
- \* Insert **WHITE** and **GREEN** drip chambers into place
- \* Place positioners into the pumps (Audible noise to confirm)
- \* Press Start to load the CiCa tubing
- Wait for CiCa pumps to load

## CLOSE ALL CLAMPS NOT IN USE

This includes

Both clamps on the bubble catcher

The clamp on the access line

(located near the bottom next to the yellow pressure dome)

Double check all 4 clamps on the Calcium and Citrate lines

Any Dialysate lines not connected to bags at the back on the filter

Press



Press OK

Press NO when asked if to insert a heparin syringe

### Fill CICA system

Open the GREEN clamp on the Citrate line and the WHITE clamp on the calcium line - DO NOT OPEN CLAMPS ON THE DRIP CHAMBERS

Break the cones in the calcium and citrate bags

Press Start & wait for the system to Fill

Press OK to confirm

### Filling the tubing system

Open the RED access clamp on the Y adaptor for the saline

Break the cones in the dialysate solution bags

Press start - Wait for the system to fill—takes a little while

This opens the treatment parameter window – you can input prescription data

### Rinsing the cassette

Once UF Rinse screen appears

Turn the filter upside down

Check all connections are in the right order **RED, YELLOW, GREEN, BLUE**

Connect return line to BLUE connector on Y adaptor connected to the saline

Unclamp blue connector on the Y-line and Return line.

Press Start

Circulation is active screen is displayed. Filter is now ready to connect