

Short Set-up Guide – Exchange procedure

Notes prior to treatment start

- Preparation and use of CytoSorb must always be carried out under hygienic conditions
- Before connecting CytoSorb the supply tubing system must be airlessly primed with sterile isotonic saline solution
- **Under no circumstances must air enter CytoSorb**
- Always pay attention to the prescribed running direction when installing CytoSorb
- The recommended blood flow rate is 150 - 700 ml/min
- The maximum duration of usage of a CytoSorb adsorber should not exceed 24 hours
- It may be advisable to change the adsorber sooner if there is evidence of exhausted elimination capacity
- Check the extracorporeal circuit at regular intervals for signs of blood clots, the secure fit of the connections and air within the circuit

Anticoagulation

- Anticoagulation must be effective at treatment start
- In intensive care patients an aPTT of 60 to 80 sec. is sufficient for CytoSorb. Specifications of the device manufacturer have to be observed
- The aPTT should be checked regularly during therapy to ensure adequate anticoagulation

Materials required



CytoSorb adsorber



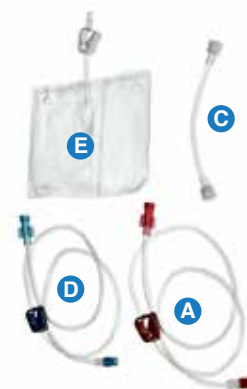
Mounting option for CytoSorb



4 x plastic scissor clamps



Saline bag 2 liters, sterile



Priming Adapter 1



Priming Adapter 2



Adapter 2

Materials required:

- CytoSorb adsorber
- Mounting holder for CytoSorb
- 4 scissor clamps
- Isotonic saline solution with Luer Lock for flushing (2l NaCl 0.9%, sterile)

Pre-dialyzer set-up

Priming Adapter 1

- A** Red Luer Lock – Red DIN Lock
- C** DIN Lock color neutral - DIN Lock color neutral
- D** Blue DIN Lock – Blue Luer Lock
- E** 2 liters disposal bag

OR

Post-dialyzer set-up

Priming Adapter 2

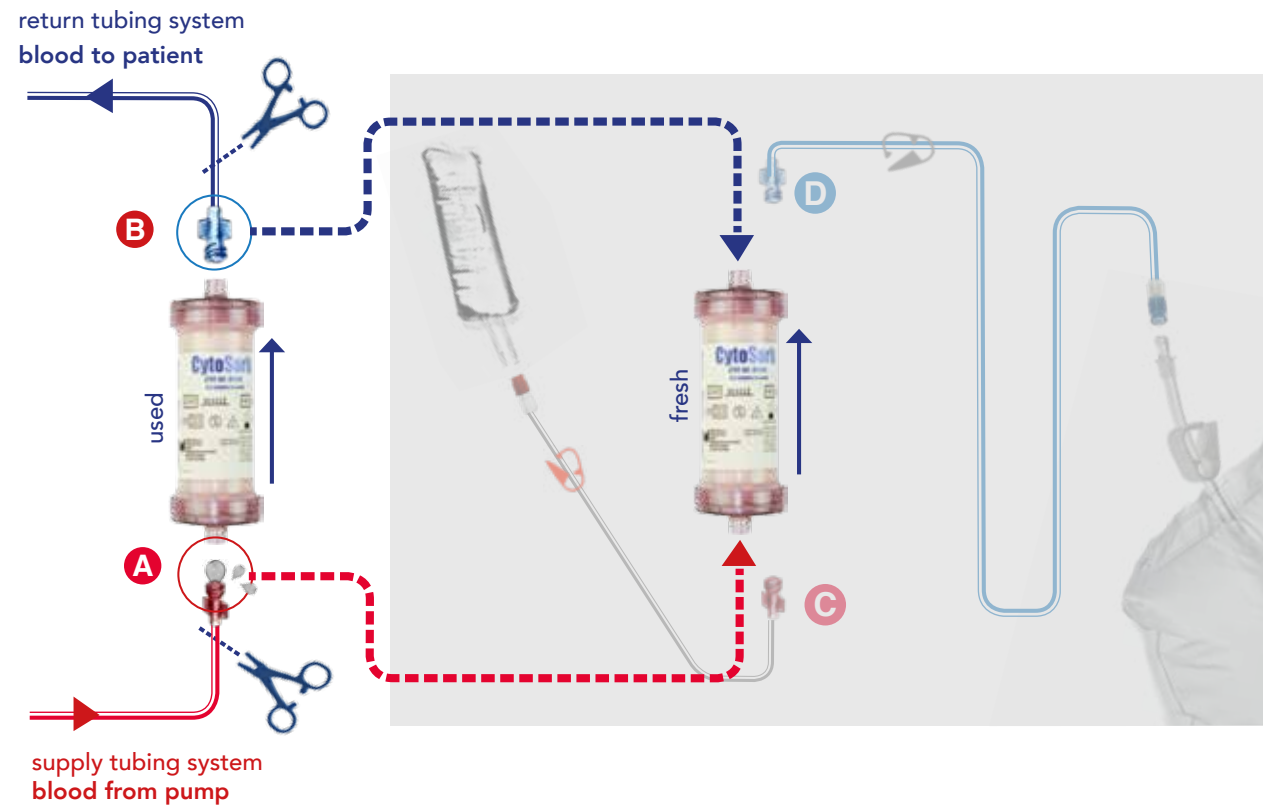
- A** Red Luer Lock – Red Luer Lock
- D** Blue Luer Lock – Blue Luer Lock
- E** 2 liters disposal bag

Adapter 2

- B** Color neutral Luer Lock – Color neutral DIN Lock
- C** Color neutral DIN Lock – Blue Luer Lock

Short Set-up Guide – Exchange procedure

1. Prepare CytoSorb according to instructions for installation before or after dialyzer
2. Interrupt ongoing treatment (return blood and disconnect patient according to manufacturer's instructions for each device)
3. Stop blood pump
4. Clamp blood tubes directly before and after the used CytoSorb by using scissor clamps at **|**
5. Disconnect flushing tube **C** from blood inlet of the fresh CytoSorb (bottom) and discard it
6. Remove the **supply tubing system A** from the blood inlet of the used CytoSorb (bottom) and connect it to the blood inlet of the fresh CytoSorb (bottom)
7. Close the blood inlet of the used CytoSorb with the port plug of the fresh CytoSorb
8. Disconnect the flushing tube **D** from the blood outlet of the fresh CytoSorb (top) and discard it
9. Disconnect the **return tubing system B** from the used CytoSorb (top) and connect it to the blood outlet of the fresh CytoSorb (top)
10. Close the blood outlet of the used CytoSorb with the port plug of the fresh CytoSorb
11. Remove **scissor clamps** at **|** and start blood pump
12. Continue patient treatment as prescribed



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Watch the complete set-up video
www.cytosorb.com/setup

