

Short Set-up Guide – CytoSorb integration before dialyzer

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



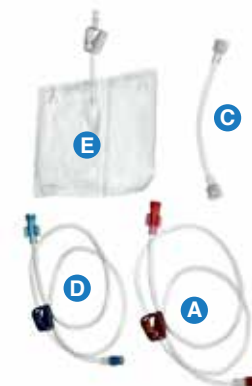
Mounting option for CytoSorb



4 x plastic scissor clamps



Saline bag 2 liters, sterile



Priming Adapter 1



Adapter 1

Materials required:

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

Priming Adapter 1

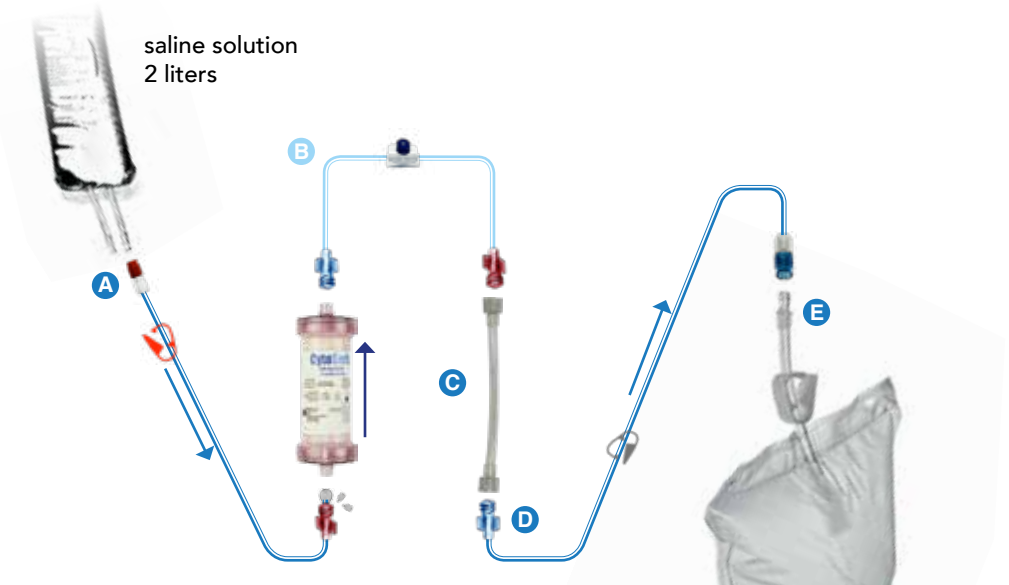
- A** Red Luer Lock – Red DIN Lock
- C** DIN Lock color neutral – DIN Lock color neutral
- D** Blue DIN Lock – Blue Luer Lock
- E** 2 liters disposal bag

Adapter 1

- B** Blue DIN Lock – Red DIN Lock

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1. Completely prepare the device according to manufacturer's instructions (incl. flushing). If necessary during ongoing renal replacement therapy first interrupt the treatment (return blood and disconnect patient according to the manufacturer's instructions for each device)
2. Connect saline solution with **A**, deaerate and close **red pinch clamp** on **A**
3. Connect **A** bubble-free with CytoSorb blood inlet (bottom) (observe flow direction)
4. Connect CytoSorb blood outlet (top) with **B**, **C**, **D** and **E**
5. Open **red pinch clamp** on **A** and rinse CytoSorb by gravity with 2 liters of saline and deaerate it by tapping
6. Close **red pinch clamp** on **A** and **blue pinch clamp** on **D**



7. Stop blood pump
8. Clamp all tubes at the dialyzer at **|** by use of **scissor clamps**
9. Disconnect **A** from CytoSorb blood inlet (bottom) and discard it
10. Disconnect **arterial blood tube** from dialyzer blood inlet and connect bubble-free with CytoSorb blood inlet (bottom)
11. Disconnect **C** from **B** and discard **C**, **D** and **E**
12. Connect **B** bubble-free with dialyzer blood inlet
13. Remove all **scissor clamps** on **|** and start blood pump
14. Start patient treatment as prescribed

