

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

Tubing system of
hemoperfusion device

Materials required:

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

Short Set-up Guide – Hemoperfusion set-up

1. Setup the device according to the manufacturer's instructions (dry)
2. Mount CytoSorb vertically into holder. Connect arterial tubing system to saline bag
3. Start blood pump and deaerate **arterial tubing system**
4. Stop blood pump and clamp **arterial tubing system** at **|** by using **scissor clamp**
5. Only remove the port plug on the CytoSorb inlet (**bottom**)
6. Connect CytoSorb bubble-free with **arterial tubing system** (observe flow direction)
7. Now remove the blood outlet port plug (top) and connect CytoSorb with **venous tubing system**
8. Remove scissor clamp from **arterial tubing system**
9. Start blood pump (approx. 150 ml/min) and rinse system with 2 liters of saline solution
10. Remove CytoSorb from the holder and deaerate it by tapping
11. Start patient treatment as prescribed

