

Dialysis

Dialysis = process where the patient's blood flows on one side of a membrane, while a solution called DIALYSATE flows on the other side.

→ The membrane is permeable to waste products, but also to GLUCOSE + SALTS.

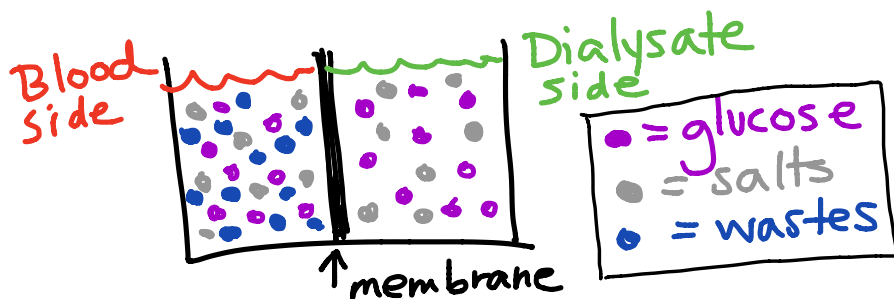
→ want these to stay IN the body!!

Question:

What should the Dialysate be made of so that wastes cross the membrane (exiting the blood), but glucose + salts do not??

Answer:

Dialysate must have LOW WASTE concentration, but the GLUCOSE + SALT concentrations must be the SAME AS THE BLOOD.



Which direction will the substances travel?

