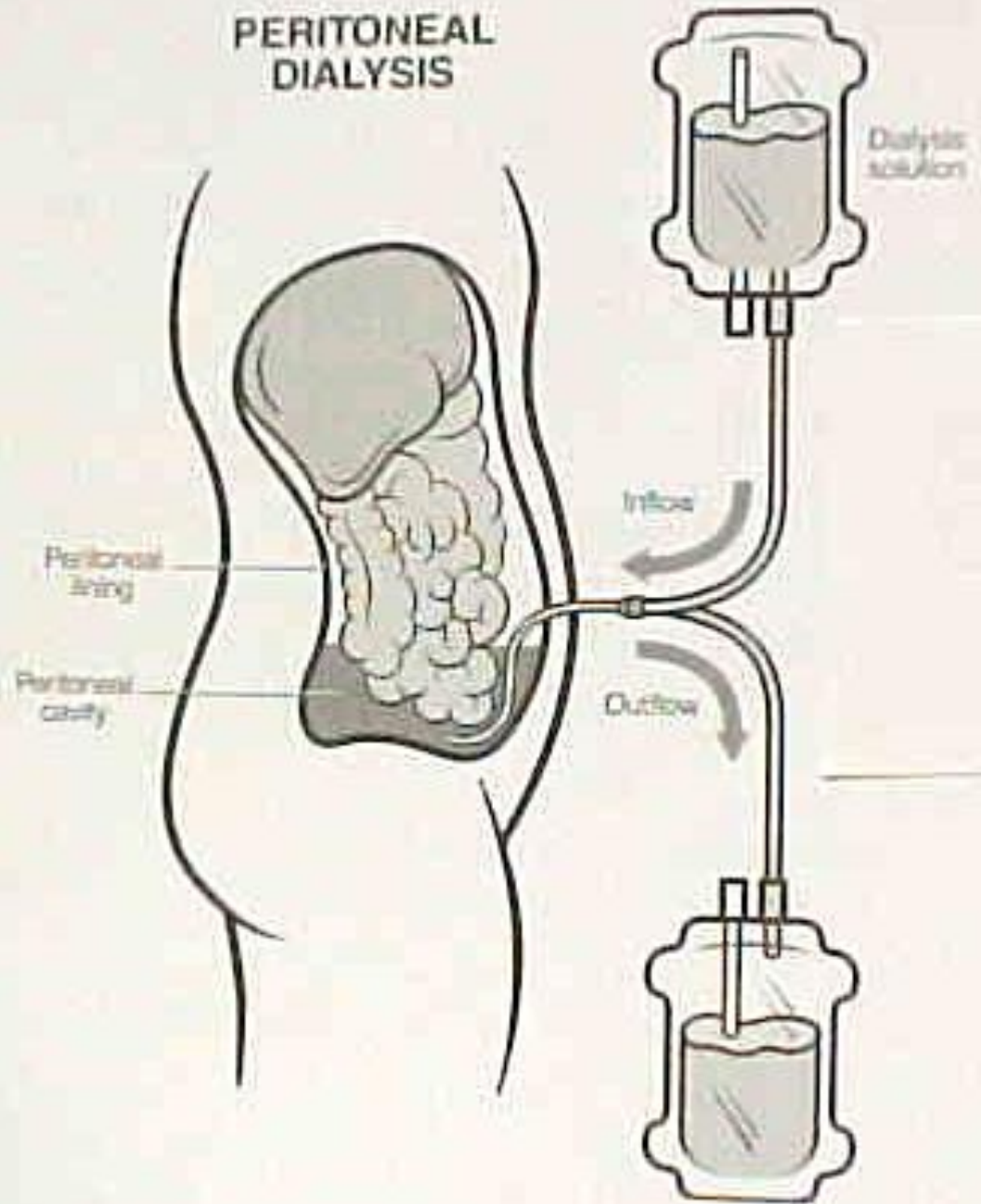


Autosomal Dominant Polycystic Kidney Disease

John Sayer

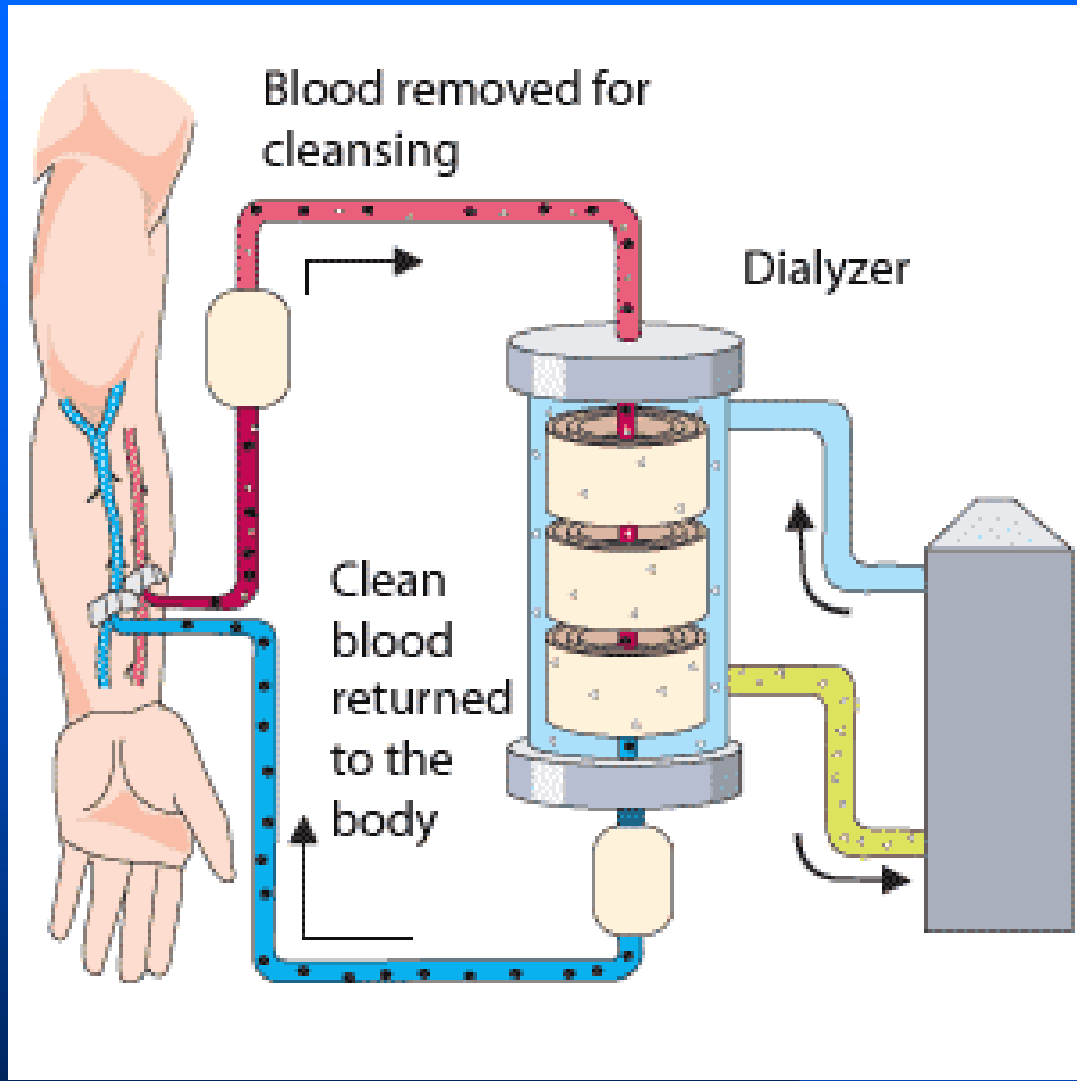
PERITONEAL DIALYSIS











Display showing time left on treatment, fluid to be removed, and much more.

5: Pressure of blood flow

4: Blood pump speed

3: Pressure is sensed here

2: Blood is drawn by pump

1: Blood coming from patient

9: Blood returning to patient

Blood pressure (BP) display

Bag of saline to wash blood back at the end of treatment.

6: Blood then flows to the kidney where unwanted components are removed by diffusion. Excess fluid is removed by pressure.

7: Blood is diffused against the 'dialysate' fluid which is made up of an 'acid' and bicarbonate mixed to the correct strength with treated water.

8: The blood then leaves the kidney, treated, and returns to the patient.

The source of bicarbonate

The source of 'acid'





