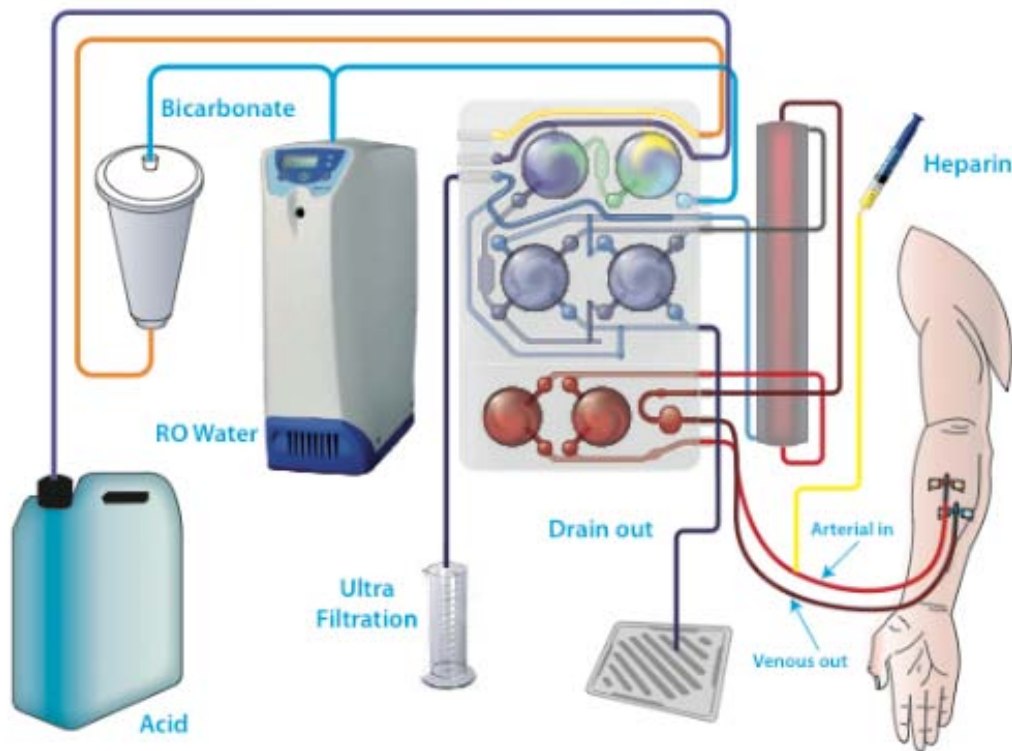


How does SelfCare+ Work?

Self-Care+ utilises the same proven dialysis technology as used in haemodialysis centres around the world: **Reverse Osmosis / bicarbonate filtering.**



Innovative Fluid management process:

SelfCare+'s unique technology replaces the fluid management activities carried out by existing dialysis machines and incorporates them onto a single use disposable cartridge. The cartridge has a flexible film attached to both external faces, allowing fluids to be manipulated through the application of pressure or vacuum to the film.

Dialysis Flow rates of up to 800ml/minute:

The cartridge fluid management system enables SelfCare+ to pump, mix and sense fluid flow, thus delivering the performance of existing clinical equipment, from a portable unit.

Automatic priming of dialysate generated using reverse osmosis sourced water

Once the cartridge is inserted, SelfCare+ will automatically prime and prepare the dialysate mixture on the cartridge using mains water cleaned by reverse osmosis, which is then dosed with acid and bicarbonate.

Uses existing, proven dialysers

By using existing dialysers SelfCare+ will not alter the clinical process. With an unlimited dialysate supply we will, for the first time, be able to offer a full range of dialysis treatment options in a portable unit.