

Aquarius⁺

Enabling **precision** CRRT

The Aquarius⁺ continues the reliable and stable legacy of the Aquarius™ system, and has further evolved to ensure all clinical practitioners are able to deliver **precision** CRRT to their patients. Increased modality choice with a citrate based anticoagulant, coupled with automatic titration and patient management are key highlights of Aquarius⁺. Whilst maintaining the unique fluid balance auto-compensation, familiar interface and easy trouble-shooting as appreciated on the original Aquarius™ system.

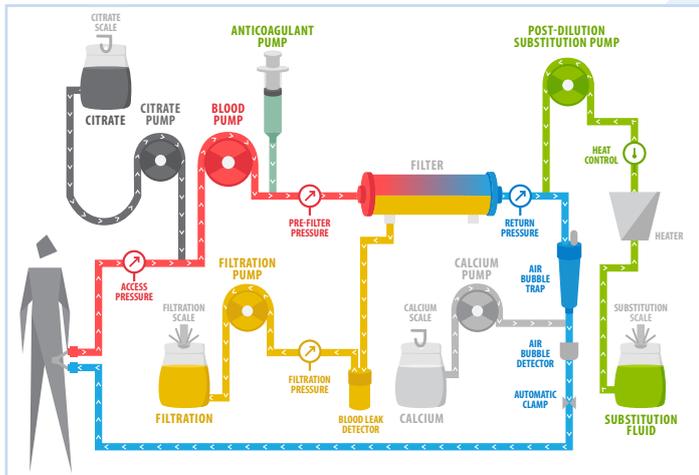


Highlights⁺

- + Choose a citrate anticoagulated pure convective therapy with post or pre-dilution
- + Choose citrate and/or heparin anticoagulation with one line-set
- + Individualise your citrate prescription based on patient requirements
- + Automatically titrates citrate dose based on blood pump speed
- + Choose standard or low volume RCA capability with no recalibration
- + Choose extended set-life capability – up to 100 hours

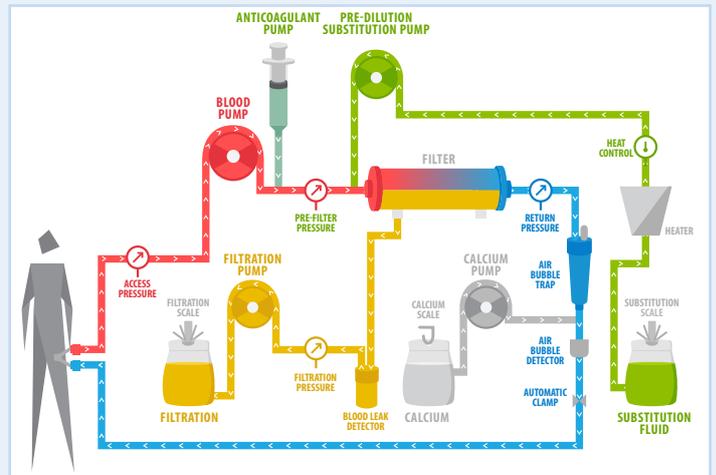
Aquarius™ System
with **RCA**

Individualised Prescribing.



Treatment CVVH Post-dilution

Citrate solution is infused into the blood circuit before the blood pump. To compensate for the amount of calcium lost in the filtrate, calcium solution is infused into the blood circuit just before the air detector system and after the drip chamber.



Treatment CVVH Pre-dilution

Citrate containing replacement solution is infused into the blood circuit after the blood pump and before the haemofilter. Calcium solution is infused into the blood circuit just before the air detector system and after the drip chamber.

Consumables for the Aquarius™ system with RCA (GE-F095-00)

The Aquarius™ system with RCA provides complete prescription flexibility with one Aqualine RCA for all therapies, regardless of anticoagulant choice. A regular Aqualine or Aqualine S can also be used on the Aquarius™ system with RCA for treatments without citrate anticoagulation.

Sets for RCA therapy	Products	CITRASET RCA 12	CITRASET RCA 19
	Aquamax® filter	HF12	HF19
	Bloodline	Aqualine RCA	Aqualine RCA
	Bloodline blood volume	100 ml	100 ml
Ancillaries	1 effluent bag 5 litre + 1 empty priming bag 2 litre + 1 two-way connector		

Technical data

Flow rates	Therapy	Parameters
Blood pump	TPE	30 to 250 ml/min
	CVVH	30 to 300 ml/min
Post-dilution pump	TPE	0 or 500 to 3,000 ml/h
	CVVH	0 or 500 to 6,000 ml/h
Citrate pump		0 to 650 ml/h
Calcium pump		0 or 2 to 300 ml/h
Fluid loss	CVVH	0 to 2,000 ml/h
Scales		
Citrate/Calcium maximum load		2.2 kg
Citrate and Calcium intended use		
Concentration of citrate		between 110mmol/l and 150mmol/l
Concentration of calcium supplementation		approx. 5 mmol/l to 20mmol/l

CRRT (Continuous Renal Replacement Therapy), RCA (Regional Citrate Anticoagulation), CVVH (Continuous Veno-Venous Haemofiltration) and TPE (Therapeutic Plasma Exchange).

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