

**APPENDIX K: PRISMAX QUICK REF CHART (REGIONAL CITRATE ANTICOAGULATION)**

Standard filter set: **ST150** Surface area of approximately 1.5 m<sup>2</sup>

- *Prismocitrate 18/0* on the **white** scales connected to the **pre-blood pump**.
- *Prismocal B22* on the **green** scales connected to the **dialysate circuit**.
- *Phoxilium* on the **purple** scales connected to the **replacement fluid circuit**.

Blood Flow Rate:

Weight (kg)	Blood Flow (ml/min)	Dialysate (ml/hr)	Replacement post-filter (ml/hr)	Treatment dose obtained (ml/kg/hr)
<= 50	100	1000	200	37
51 - 60	110	1100	400	37
61 - 70	120	1200	500	35
71 - 80	130	1300	500	33
81 - 90	140	1400	500	31
91 - 100	150	1500	600	31
101 - 110	160	1600	700	30
111 - 120	170	1700	800	30
>= 121	180	1800	1000	30

Initial Calcium replacement:

Patient ionised calcium (mmol/L)	Starting calcium compensation (%)
Less than 1.00	Give calcium replacement and start at 110%
1.00 – 1.11	110%
1.12 – 1.30	100%
Greater than 1.30	90%

		Filter ionised calcium		
		<0.25	0.25-0.5	>0.5
Patient ionised calcium	<1.0	Citrate dose <u>decreased</u> by 0.5mmol/L	Calcium compensation <u>increased</u> by 10%	Citrate dose <u>increased</u> by 0.5mmol/L <b>and</b> Calcium compensation <u>increased</u> by 10%
	1.0-1.3	Citrate dose <u>decreased</u> by 0.5mmol/L	No change required	Citrate dose <u>increased</u> by 0.5mmol/L
	>1.3	Calcium compensation <u>decreased</u> by 10% <b>and</b> citrate dose <u>decreased</u> by 0.5mmol/L	Calcium compensation <u>decreased</u> by 10%	Calcium compensation <u>decreased</u> by 10%

**RECHECK ONE HOUR AFTER ANY CHANGE**