

Supplement 1

Calcium Citrate Titration Protocol

Titrate ACD-A Drip as follows:

Post Filter Circuit Ionized Ca ⁺⁺ (mg/dL)	Citrate Infusion Adjustment	
	Greater than 10 kg	Less than 10 kg
Less than 1	Decrease rate by 10 mL/hour	Decrease rate by 5 mL/hour
1 – 1.4 optimum range	No Adjustment	No Adjustment
Greater than 1.4 - 1.8	Increase rate by 10 mL/hour	Increase rate by 5 mL/hour
Greater than 1.8	Increase rate by 20 mL/hour	Increase rate by 10 mL/hour

Titrate Calcium Chloride Drip as follows:

Patient Ionized Ca ⁺⁺ (mg/dL)	Calcium Infusion Adjustment	
	Greater than 10 kg	Less than 10 kg
Greater than 5.2	Decrease rate by 10 mL/hour	Decrease rate by 5 mL/hour
4.4 – 5.2 optimum range	No Adjustment	No Adjustment
3.6 – 4.4	Increase rate by 10 mL/hour	Increase rate by 5 mL/hour
3 – less than 3.6	Increase rate by 20 mL/hour	Increase rate by 10 mL/hour
Less than 3	Notify physician	Notify physician