

CRRT Sliding Scale for ACDA and Calcium Infusion

Sliding Scale for ACDA (adjust according to “POST FILTER” ionized calcium levels)

(Adapted and modified from ACDA nomogram from The Sunnybrook and Women’s College Health Sciences Centre, Toronto, Ontario, Canada and Harris Methodist Hospital, Fort Worth, TX)

FILTER iCa ⁺⁺ mmol/L	Adjustments to ACDA
Less Than 0.26	Decrease by 10 mL/hr and recheck in 2 hours and CALL MD
0.26 – 0.35	No change
0.36 – 0.45	Increase by 10 mL/hr
Greater Than 0.45	Increase by 20 mL/hr and recheck in 2 hours and CALL MD

Sliding Scale for calcium infusion* (adjust according to systemic or “Patient” ionized calcium levels)

(Adapted and modified from calcium infusion nomogram from The University of California San Diego Medical Center, San Diego, CA)

PATIENT iCa ⁺⁺ (mmol/L)	Adjustments to Calcium Infusion
Less Than 0.81	HOLD ACDA for 4 hours, then resume at previous rate minus 20 mL/hr and CALL physician
0.81 – 0.85	Increase by 10 mL/hr and 2 gm Calcium <i>Gluconate</i> IV and recheck in 2 hours
0.85 – 0.94	Increase by 10 mL/hr and 2 gm of Calcium <i>Gluconate</i> IV
0.95 – 1.04	Increase by 5 mL/hr and 1 gm of Calcium <i>Gluconate</i> IV
1.05 – 1.11	Increase by 5 mL/hr
1.12 – 1.2	No change
1.21 – 1.3	Decrease by 5 mL/hr
1.31 – 1.45	Decrease by 10 mL/hr
Greater Than 1.45	Decrease by 15 mL/hr and recheck in 2 hours and CALL physician