

MCH PEDIATRIC CODE OMEGA – DOSING REFERENCE CARD

Broselow Colour		GRAY 3-4-5 KG	PINK 6-7 KG	RED 8-9 KG	PURPLE 10-11 KG	YELLOW 12-14 KG	WHITE 15-18 KG	BLUE 19-23 KG	ORANGE 24-29 KG	GREEN			
										30-39kg	40-59kg	60kg +	
TRANEXAMIC ACID													
Tranexamic Acid BOLUS 30mg/kg IV push (max 100mg/min) or over 10-20 minutes		3 kg - 90 mg 4 kg - 120 mg 5 kg - 150 mg	200 mg	250 mg	320 mg	400 mg	500 mg	650 mg	800 mg	1000 mg	1000 mg	2000 mg	
Tranexamic Acid INFUSION		10 mg/kg/hr for 8 hours (1000 mg in 100 mL)					125 mg/hr for 8 hours (1000mg in 100mL)					NO Infusion required	
BLOOD PRODUCTS													
Treatment & Dose		Target	Less than 19 kg: use PUSH – PULL blood tubing with RANGER WARMER <i>*consider irradiated products if patient less than 4 months*</i>					19 kg and greater: Use LEVEL ONE INFUSER <i>*minimum 20g IV*</i>					
RBC 20mL/kg		Hemoglobin >80	3 kg - 60 mL 4 kg - 80 mL 5 kg - 100 mL	130 mL	170 mL	210 mL	260 mL	~300 mL	~ 300 mL	~ 300 mL	~ 300 mL	~ 300 mL	
Plasma 15 mL/kg		INR <1.8	3 kg - 45 mL 4 kg - 60 mL 5 kg - 75 mL	105 mL	135 mL	165 mL	200 mL	250 mL	~ 300 mL	~ 300 mL	~ 300 mL	~ 300 mL	
Fibrinogen 50mg/kg	DO NOT WARM!	Fibrinogen >1.5g/L	3 kg - 150 mg 4 kg - 200 mg 5 kg - 250 mg	325 mg	425 mg	525 mg	650 mg	825 mg	1000mg	1300 mg	2000 mg	3000 mg	
Platelets 10mL/kg		Platelets >50x 10 ⁹ /L <u>or</u> >100 if TBI	3 kg - 30 mL 4 kg - 40 mL 5 kg - 50 mL	65 mL	85 mL	105 mL	130 mL	165 mL	~ 200 mL	~ 200 mL	~ 200 mL	~ 200 mL	
ELECTROLYTES													
Calcium Gluconate 60mg/kg IV over 15 minutes	OR	*peripheral IV w/ in-line filter*	3 kg - 180 mg 4 kg - 240 mg 5 kg - 300 mg	390 mg	500 mg	625 mg	800 mg	1000 mg	1250 mg	1600 mg	2000 mg	3000 mg (max)	3000 mg (max)
Calcium Chloride 20mg/kg IV over 20 minutes		Ionized Calcium >1.15mmol/L	*central line/large bore proximal IV preferred*	3 kg - 60 mg 4 kg - 80 mg 5 kg - 100 mg	130 mg	170 mg	210 mg	260 mg	330 mg	420 mg	530 mg	700 mg	1000 mg (max)
Magnesium Sulphate 50mg/kg IV over 20 minutes		Magnesium >2mmol/L	3 kg - 150 mg 4 kg - 200 mg 5 kg - 250 mg	325 mg	425 mg	525 mg	650 mg	825 mg	1000 mg	1300 mg	1700 mg	2000 mg (max)	2000 mg (max)

OR