## <u>Trauma Center Practice Management Guideline</u> *Iowa Methodist Medical Center — Des Moines*

Oral Anticoagulant Emergent Reversal Management Guideline				
PEDIATRIC Practice Management Guideline	Effective: 02/2024			
Contact: Trauma Medical Director	Reviewed: 05/2025			

## **General Measures**

- Control bleeding with local hemostatic measures
- Initiate appropriate resuscitation measures, including blood products
- Ensure adequate urine output
- STOP any anticoagulant/antiplatelet agent if not already done, and record time of last dose
- Laboratory Orders STAT: CBC, BMP, fibrinogen, Thrombin Time, a PTT, PT/INR, Trauma TEG, TEG Platelet Mapping

## **Reversal Strategies**

Medication	Laboratory Results	Treatment					
Vitamin K Antagonist	INR > 1.5	1. Give 20 mL/kg of thawed plasma					
Warfarin (Coumadin)		2. Give vitamin K 2-5 mg IV over 30 minutes					
,		3. Check INR every 4 hours for the first 24 hours (or more					
		frequently based on clinical condition)					
		4. Consider 4-factor PCC (KCentra)					
			Pretreatment	Dose (in units of	Maximum Dose		
			INR	factor IX)			
			2 to <4	25 units/kg	2500 units		
			4 to 6	35 units/kg	3500 units		
			>6	50 units/kg	5000 units		
	INR < 1.5	No treatment indicated, monitor INR as clinical condition					
		indicates					
Direct Thrombin	Thrombin Time > 24 seconds	Idarucizumab (Praxbind) is not approved in patients <18					
Inhibitor		years old.					
Dabigatran (Pradaxa)		Consider KCentra (PCC) 25-50 units/kg via slow IV infusion					
,	Thrombin Time < 24 seconds	No	No treatment indicated, monitor clinical condition				
Factor Xa Inhibitors	Treat if medication taken within	4-f	4-factor PCC (KCentra) 25-50 units/kg via slow IV infusion				
Rivaroxaban (Xarelto),	previous 48 hours	x1 (Maximum 2500 units)					
Apixaban (Eliquis)							
, , ,							
Antiplatelet Agents	TEG Platelet Mapping	Pla	Platelet transfusion				
Aspirin, Clopidogrel,	ADP: MA < 35 or inhibition ≥60%						
Ticagrelor, Prasugrel	AA: MA <35 or inhibition ≥60%						
Troughotor, Trubughot							