

MTQIP
Adult Trauma Weight-Based VTE Prophylaxis
Three Guideline Options

Western Trauma Association (WTA) Guideline

Ley et al., 2020 J Trauma Acute Care Surgery 89(5):971-981 [find the abstract here](#)

Renal Failure	Special Cases	Most Trauma	Obese
CrCl < 30 mL/min ↓	Age > 65 yr or CrCl ≥ 30-60 mL/min or Low wt < 60 kg or TBI or SCI or Pregnant ↓	Age 18-65 yr CrCl > 60 mL/min Wt ≥ 60 kg No TBI, SCI ↓	Obese Wt > 100 kg ↓
Heparin 5000 u q8 hr	Enoxaparin 30 mg BID	Enoxaparin 40 mg BID	Enoxaparin 50 mg BID
Consider adjusting by Anti-Xa Levels Consider the addition of aspirin			

AAST/COT Guideline

Yorkgitis et al., 2022 J Trauma Acute Care Surgery 92(3):597-604 [find the abstract here](#)

Renal Failure	Special Cases	Most Trauma	Obese	
CrCl < 30 mL/min ↓	Age > 65 yr or CrCl < 60 mL/min or Low Wt < 50 kg or TBI or SCI or Solid Organ Injury or Pregnant ↓	Age 18-65 yr CrCl ≥ 60 mg/dL Wt ≥ 50 kg; BMI < 30 No TBI, SCI ↓	BMI > 30 ↓	
BMI ≤ 30 ↓				BMI > 30 ↓
Heparin 5000 u q8 hr	Heparin 7500 u q8 hr	Enoxaparin 30 mg BID	Enoxaparin 40 mg BID	Enoxaparin 0.5 mg/kg BID
Consider adjusting by Anti-Xa Levels				

Geert's Sunnybrook Guideline 2022

ACS VTE 2022 Consensus Conference, [find Geert's slides here](#)

Renal Failure or Low Wt	Special Cases	Most Trauma
CrCl < 30mL/min or Wt < 40 kg ↓	High Risk Trauma: SCI or Major lower extremity fractures ↓	Usual Risk Trauma ↓
Enoxaparin 30 mg daily	Wt 40-100 kg ↓ Enoxaparin 40 mg daily → 40 mg BID	Wt 40-100 kg ↓ Enoxaparin 40 mg daily
	Wt 101-125 kg ↓ Enoxaparin 40 mg BID → 60 mg BID	Wt 101-125 kg ↓ Enoxaparin 40mg BID
		Wt >125 kg ↓ Enoxaparin 0.5 mg/kg BID