

Admission Labs (if not already done in ER)		
CBC	AST	
Amylase	ALT	
Lipase	Urinalysis	
ВМР	Urine Drug Screen, A and B	

If Fract	If Fractures are Present	
Calcium level	Intact Parathyroid Hormone level	
Phosphorus level	Alkaline Phosphatase	
25– Hydroxy Vit D level	Col1A1 and Col1A2 genomic seq for OI (if >1 fracture)	

Concern for Metabolic Disorder:			
Plasma amino acids	Free and total carnitine		
Urine organic acids	Acetylcarnitine Profile		
Lactate pyruvate	Ammonia		
battery			

If Head Trauma			
(draw prior to transfusions)			
PT/PTT	Factor XIII screen		
Thrombin Time Assay	Platelet Function Screen ¹		
Fibrinogen	Factor VIII assay ²		
Von Willebrand's Antigen	Factor IX assay ²		
Von Willebrand's Factor (Ristocetin Factor)			

 $^{^{1}\,\}mbox{If platelets}$ >100K and <500K AND Hct >/= 30% or Hgb >/= 10 gm/dl

If Illicit Drug Ingestion Suspected or Altered Mental Status

Send GCMS toxicology serum lab

If Cutaneous Injury (Bruising)		
РТ/РТТ		
Platelet Function Screen ¹		

 $^{^{1}\,\}mbox{If platelets}$ >100K and <500K AND Hct >/= 30% or Hgb >/= 10 gm/dl

Imaging Studies			
If age = 2 years:</td <td>Skeletal Survey</td>	Skeletal Survey		
If age = 1 year or possible head trauma or altered mental status:</td <td>Head CT without contrast</td>	Head CT without contrast		
If abnormalities seen on Head CT:	MRI of brain without contrast and cervical spine w/ and w/o contrast		
If Suspected abdominal trauma or AST and ALT >/= 80 units/L:	Abdominal/Pelvic CT with IV and PO contrast		

Mean Arterial Blood Pressure Goals					
Age	1-2 yrs	3-4 yrs	5-6 yrs	7-8 yrs	9-10 yrs
MAP	>55 mmHg	>63 mmHg	>68 mmHg	> 70 mmHg	>75 mmHg

² If Male