**Pediatric Volume Resuscitation:**
- Crystalloid bolus – 20 ml/kg LR or NS
- 1 “unit” PRBC bolus – 10 ml/kg
- FFP dosing is 10-15 ml/kg
- Platelet dosing is 5-10 ml/kg
- Cryoprecipitate dosing is 1-2 bags/5-10 mg body weight

**If Liver or Spleen injury identified,**
Refer to attached management guidelines

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**Hemodynamic Instability Score**

- **Grade 0** Never hypotensive or tachycardic
- **Grade 1** Resolved pre-arrival hypotension or tachycardia
- **Grade 2** Hypotension or tachycardia responded to < 2L initial volume loading, no ongoing volume requirement
- **Grade 3** Modest ongoing volume requirement
- **Grade 4** Large initial volume requirement, vigorous ongoing volume requirement
- **Grade 5** Hypotension and tachycardia unresponsive to volume
Predictive Factors for CT Imaging
- Abnormal abdominal exam (e.g. tenderness, contusion, Abnormal FAST)
- Hypotension
- Gross hematuria
- Altered level of consciousness
- Abnormal chest x-ray
- Femur fracture
- Pelvic fracture
- Abnormal AST/ALT and/or amylase/lipase

Predictive Factors for Laparotomy
- Physiologic deterioration
- Worsening abdominal exam
- High grade solid organ injuries
- High and/or increasing transfusion requirements
- Failed angioembolization
- Multiple intra-abdominal injuries
- Unexplained fever
- Hollow viscus injury on CT scan

Blunt Abdominal Injury (Suspected or Confirmed)