

Blunt Peripheral Vascular Trauma

Active bleeding
Rapidly expanding hematoma
HD instability



Operating Room
Consider vascular surgery
consultation

Absent pulse
Diminished pulse
Abnormal ABIs (< 0.9)
Palpable thrill/audible bruit
History of bleeding at scene
Proximity to major vessel
Non-pulsatile hematoma
Neurologic deficit



Reduce fracture if present
CTA BLE



(+) Injury
(-) Distal flow



(+) Injury
(+) Distal flow



Operating Room
(consider Hybrid OR)
Consider vascular surgery
consultation*



Vascular Surgery
consultation for open,
endovascular or catheter-
based interventions

Hard Signs
Pulseless extremity
Active arterial/venous bleeding
Expanding hematoma
Palpable thrill
Audible bruit

Soft Signs
History of bleeding at the scene
Diminished pulse
Non-pulsatile hematoma
Neurologic deficit
Proximity to major vessel

*Consider/discuss post-operative anticoagulation and/or antiplatelet therapy