Disclaimer: This clinical pathway is provided as a general guideline for use by Licensed Independent Provider’s (LIPs) in planning care and treatment of patients. It is not intended to be and does not establish a standard of care. Each patient’s care is individualized according to specific needs.

<table>
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<th>Absent or diminished palpable arterial pulse (a doppler signal DOES NOT equal a palpable pulse)</th>
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Assess for possible causes of arterial restriction (e.g. arterial line, constriction above absent pulse, proximity injury, etc.)

**Obtain arterial pressure index (API)**
- Divide systolic pressure in the concerned limb by the normal extremity using Doppler flow detector
- API < 0.9 is positive screen for significant injury

**Emergent**
Consult General Surgery

Concern for compartment syndrome, consult general surgery and/or orthopedic service?

**NO**
- Surgery will obtain vascular study (CTA, duplex ultrasound, angiography or immediate operative exploration) as needed
- Vascular surgery will be consulted by general surgery, if needed

**YES**
- Consulting service will measure compartment pressures and if positive, proceed with compartment release if indicated
Revision Notes

- Trauma Council Approval: 10-1-20