TRAUMATIC AORTIC INJURY EVALUATION (TAI)

**Portable CXR**

**Wide Mediastinum**
- Apical pleural cap
- Loss of aortic knob contour
- M/P ratio > 0.6
- Deviation of left mainstem bronchus
- Opacification of aorto-pulmonary window

**Hemodynamically STABLE**
- CT scan of chest with aortic protocol
- Immediate reading

**Positive hemodynamically STABLE**

**Positive hemodynamically UNSTABLE**

**Massive hemothorax**
- Hemodynamically UNSTABLE

**Medical Management**
- SICU admission
- Arterial and central lines
- Type and cross 4u pRBC
- Esmolol drip (keep MAP 70 mmHg)
- Minimize IV fluids
- Consult Vascular
- SCD’s
- Foley

**Evaluation for endovascular repair**

**Notify attending**
- Consult Vascular/Cardiac Surgery
- Request cardiac OR and pump team
- Initiate massive transfusion protocol
- OR for immediate OR thoracotomy

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