## **Blunt Abdominal Trauma (BAT) Clinical Practice Guideline**

**Emergency Department Management** 

Page 1 of 3
Original 7/29/19
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Patient Presents with Mechanism of Injury or **Exclusion Criteria Presenting Symptom Concerning for**  Any penetrating trauma **Blunt Abdominal Trauma** <sup>1</sup>Trauma Labs & Imaging • Trauma Resuscitation ATLS Per Provider Discretion based on Patient Condition: Primary/Secondary Survey Basic Trauma Panel: Extended Trauma Panel: •CXR CXR Urinalysis Urinalysis •CBC •CBC •CMP •CMP Lipase Lipase Does the Patient have Activate Trauma STAT<sup>2</sup> PT/PTT ANY of the following: • Obtain Extended Trauma Panel<sup>1</sup> •For BAT patients: Hemodynamic Instability? • Trauma Surgery to determine: - Add Pelvic Films An abnormal GCS? • Abdominal/Pelvis CT Scan VS. - Ensure Type and Screen An unreliable physical exam · Exploratory Laparotomy VS. has been obtained (any distracting injuries)? Interventional Radiology Additional Lab and Imaging Orders C spine x-ray Abdominal/Pelvis CT scans • Initiate MTP if hemodynamically unstable Serum Pregnancy per system policy <sup>2</sup>Consult Trauma Surgery Obtain Basic Trauma Panel<sup>1</sup> • All Trauma STATs and Alerts **Consider CT Scan** (per Trauma Team Activation policy) If patient has any of the following: • Escalate to Trauma STAT if Patient is • Complaint of abdominal pain hemodynamically unstable • When ordering CT Scan of abdomen (Per Physician discretion) • Immediately with + CT scan results • Gross hematuria • For admission to Trauma service (visible blood in urine) • Abdominal wall tenderness or distension: CT Scan • Handlebar or seatbelt sign present Indicated? <sup>3</sup> Admission Criteria • AST > 200 • Lipase > 400 Present Seatbelt sign • Unexplained or severe anemia (hemoglobin less than 7g/dl) Uncontrolled pain Not tolerating PO Abnormal Chest or Pelvic x-ray Altered mental status (from baseline) • Consider if Patient has a complex medical Inability to ambulate history (i.e. sickle cell, cardiac history) • Trauma Team to review lab results and have plan No of care for patient prior to admission/transfer to Yes floor CT Scan (If Indicated) Abdominal/Pelvis CT Scan with IV Admit to Trauma Service if meets <sup>4</sup> Discharge Criteria Contrast for patients who meet admission criteria<sup>3</sup> (Consult criteria Trauma Surgery) Asymptomatic (pain adequately controlled) Radiology to report findings to ED • If concern for NAT, follow the Tolerating PO Provider (ordering provider) NAT Guideline · Able to ambulate Notify Trauma Service if CT scan is • Stable labs positive including any blush/ Discharge patient if meets discharge criteria4 extravasation Trauma surgery to consult IR for **Acronyms** all patients with solid organ injury (≥ grade 3), stable or unstable, BAT: Blunt Abdominal Trauma with CT that shows blush/ ATLS: Advanced Trauma Life Support extravasation. GCS: Glasgow Coma Scale CXR: Chest X-ray IR: Interventional Radiology MTP: Mass Transfusion Protocol CT Scan Positive? Yes

Continue to Management on Page 2

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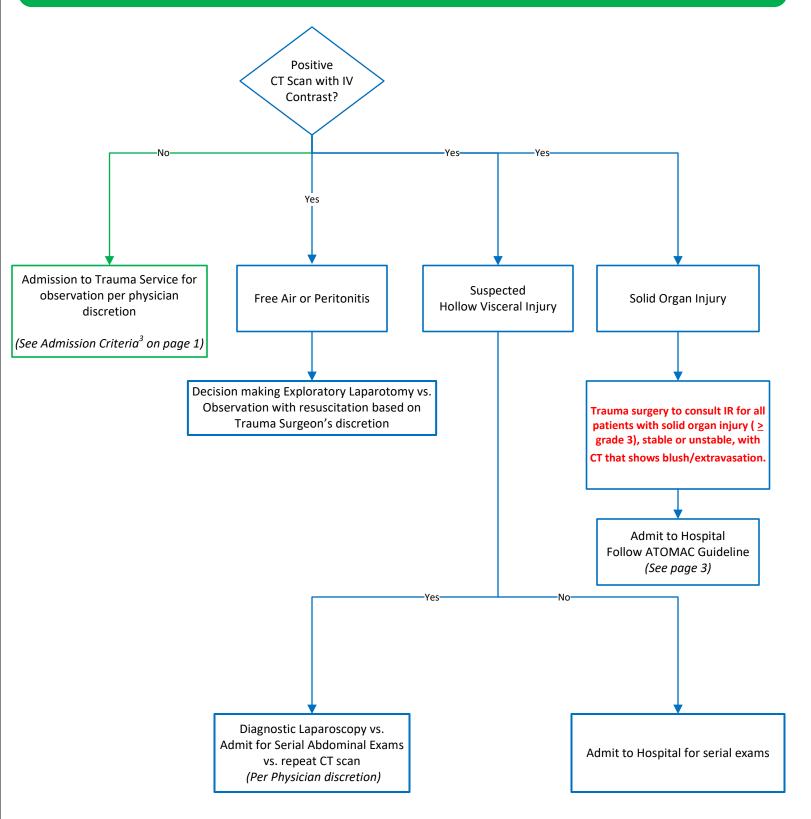
Page 2 of 3

Original 7/29/19

Update Final 9/5/23



**Inpatient Management** 



## Blunt Abdominal Trauma (BAT) Clinical Practice Guideline ATOMAC Guideline: Non-operative Management of Liver and Spleen Injury

Page 3 of 3
Original 7/29/19
Update Final 9/5/23



