

# Pediatric Trauma Activation (<18)

\*\*Activating a Type 1 or Type 2 Trauma Activation is an independent nursing function\*\*

\*\* Concurrent cutaneous burns and/or inhalation injury, Burn Team must also be activated\*\*

START HERE

## Type 1 Unstable

Evaluate for signs of shock...

<ul style="list-style-type: none"> <li>•Transfer receiving blood to maintain vital signs</li> <li>•Traumatic Cardiac Arrest</li> </ul>	<p><b>Confirmed Systolic BP</b></p> <ul style="list-style-type: none"> <li>•Birth- 6 months: &lt; 60 mmHg</li> <li>•7 months-5 years: &lt; 70 mmHg</li> <li>•6-12 years: &lt; 80 mmHg</li> <li>•13-18 years: &lt; 90mmHg</li> </ul>	<p><b>Pediatric Circulation/Heart Rate</b></p> <ul style="list-style-type: none"> <li>•Birth – 6 months: &gt; 160 bpm</li> <li>•7 months – 5 years: &gt;140 bpm</li> <li>•6-18 years: &gt;120 bpm</li> <li>•Capillary refill &gt; 2 seconds</li> </ul>
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NO

## Type 1 Stable

SBP in age specific norms AND...

<p><b>Respiratory Compromise Due to Trauma</b></p> <ul style="list-style-type: none"> <li>•intubated pre-hospital</li> <li>•obstruction</li> <li>•retractions</li> <li>•stridor</li> </ul>	<p><b>Neuro</b></p> <ul style="list-style-type: none"> <li>•respiratory compromise</li> <li>•Infant &lt; 1 year with:             <ul style="list-style-type: none"> <li>•respiratory rate &lt; 20 or &gt;60</li> <li>•grunting respirations</li> </ul> </li> </ul>	<p><b>Neuro</b></p> <ul style="list-style-type: none"> <li>•GCS &lt;9 with mechanism attributed to trauma</li> <li>•AVPU: response to pain only or unresponsive</li> </ul>	<p><b>Mechanism</b></p> <ul style="list-style-type: none"> <li>•GSW to the head, neck, chest, or abd</li> <li>•GSW to extremities proximal to the elbow/knee</li> </ul>
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NO

## Type 2

<p><b>Neuro</b></p> <ul style="list-style-type: none"> <li>•GCS 9-13</li> </ul>	<p><b>Mechanism</b></p> <ul style="list-style-type: none"> <li>•burn/trauma combined             <ul style="list-style-type: none"> <li>•explosion</li> <li>•High voltage &gt;1000v.</li> <li>•unknown mechanism</li> <li>•'found down in a house fire'</li> </ul> </li> <li>•child pedestrian struck</li> <li>•cyclist struck by MV</li> </ul>	<p><b>Mechanism</b></p> <ul style="list-style-type: none"> <li>•Ejection from vehicle : partial or complete</li> <li>•Fall:             <ul style="list-style-type: none"> <li>•&gt; 10 feet <u>or</u></li> <li>•3x the height of the child</li> </ul> </li> <li>•MCC or ATV crash</li> <li>•signs of/ report of improper restraints</li> <li>•Drowning/asphyxiation</li> </ul>	<p><b>Anatomic Criteria</b></p> <ul style="list-style-type: none"> <li>•amputation (proximal to wrist or ankle)</li> <li>•chest wall instability (ex. flail)</li> <li>•crush/deglove/mangled/pulse-less ext.</li> <li>•open/depressed skull fracture</li> <li>•open long bone fracture</li> <li>•two or more proximal long bone fxs</li> </ul>	<p><b>Mechanism</b></p> <ul style="list-style-type: none"> <li>•paralysis (new onset)</li> <li>•stab/cut/puncture (head, neck, torso &amp; proximal to elbow and knee)</li> <li>•pelvic injury</li> <li>•Preg. &gt; 16weeks w/ trauma</li> </ul>
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NO

## Consult

The Emergency Medicine Physician or designee will notify the page operator to initiate a Trauma Consult after initial patient evaluation. A Trauma Consult is an independent physician function.