**ESI Triage Algorithm, v4**

A. requires immediate life-saving intervention?  
   - yes → 1  
   - no → B

B. high risk situation?  
   or confused/lethargic/disoriented?  
   or severe pain/distress?  
   - yes → 2  
   - no → C

C. how many different resources are needed?  
   - none  
   - one  
   - many

D. danger zone vitals?
   - HR  
     - <3 m >180 >50  
     - 3 m-3y >160 >40  
     - 3-8 y >140 >30  
     - >8y >100 >20  
   - RR  
     - SaO2 <92%

E. consider

F. no

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Notes:

A. Immediate life-saving intervention required: airway, emergency medications, or other hemodynamic interventions (IV, supplemental O2, monitor, ECG or labs DO NOT count); and/or any of the following clinical conditions: intubated, apneic, pulseless, severe respiratory distress, SPO2<90, acute mental status changes, or unresponsive.

Unresponsiveness is defined as a patient that is either:
(1) nonverbal and not following commands (acutely); or
(2) requires noxious stimulus (PU on AVPU) scale.

B. High risk situation is a patient you would put in your last open bed.

Severe pain/distress is determined by clinical observation and/or patient rating of greater than or equal to 7 on 0-10 pain scale.

C. Resources: Count the number of different types of resources, not the individual tests or x-rays (examples: CBC, electrolytes and coags equals one resource; CBC plus chest x-ray equals two resources).

<table>
<thead>
<tr>
<th>Resources</th>
<th>Not Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Labs (blood, urine)</td>
<td>• History &amp; physical (including pelvic)</td>
</tr>
<tr>
<td>• ECG, X-rays</td>
<td>• Point-of-care testing</td>
</tr>
<tr>
<td>• CT-MRI-ultrasound-angiography</td>
<td></td>
</tr>
<tr>
<td>• IV fluids (hydration)</td>
<td>• Saline or heplock</td>
</tr>
<tr>
<td>• IV or IM or nebulized medications</td>
<td>• PO medications</td>
</tr>
<tr>
<td>• Specialty consultation</td>
<td>• Tetanus immunization</td>
</tr>
<tr>
<td>• Simple procedure =1</td>
<td>• Prescription refills</td>
</tr>
<tr>
<td>(lac repair, foley cath)</td>
<td></td>
</tr>
<tr>
<td>• Complex procedure =2</td>
<td>• Simple wound care</td>
</tr>
<tr>
<td>(conscious sedation)</td>
<td>(dressings, recheck)</td>
</tr>
<tr>
<td></td>
<td>• Crutches, splints, slings</td>
</tr>
</tbody>
</table>

D. Danger Zone Vital Signs
Consider uptriage to ESI 2 if any vital sign criterion is exceeded.

Pediatric Fever Considerations
1 to 28 days of age: assign at least ESI 2 if temp >38.0 C (100.4F)
1-3 months of age: consider assigning ESI 2 if temp >38.0 C (100.4F)
3 months to 3 yrs of age: consider assigning ESI 3 if: temp >39.0 C (102.2 F), or incomplete immunizations, or no obvious source of fever

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