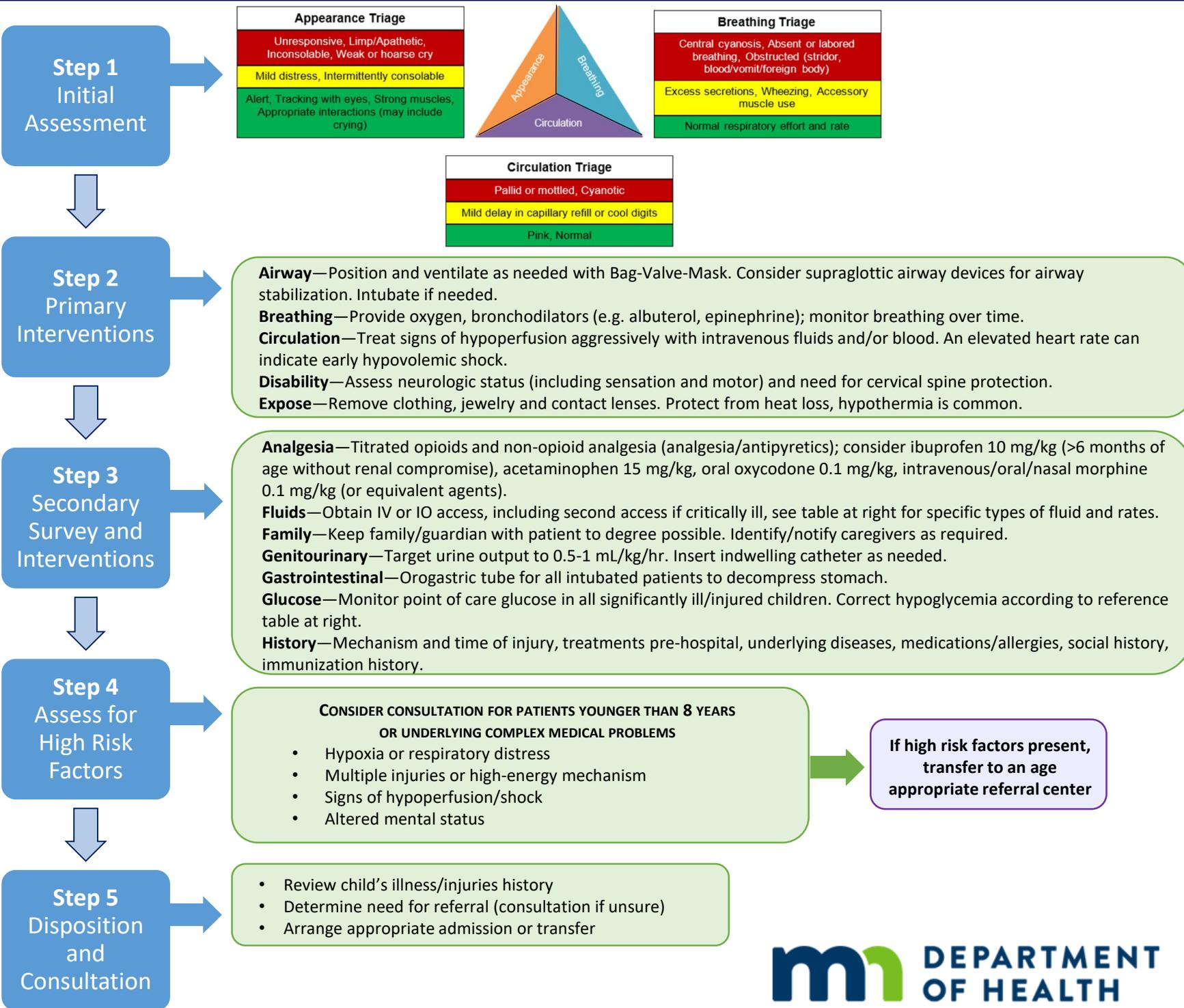


# Quick Reference for Assessment, Stabilization and Transfer of Pediatric Patients



REFERENCE INFORMATION			
Normal Vital Signs			
	Age (years)	Respiration Rate	Heart Rate
Infant	Birth to 1 year	30 – 60	100 – 160
Toddler	1 to 3 years	24 – 40	90 – 150
Preschooler	3 to 6 years	22 – 34	80 – 140
School Age	6 to 12 years	18 – 30	70 – 120
Equipment Size Estimation Formulas			
<b>ET Cuffed</b>	(Age ÷ 4) + 3.5	<b>Foley/Suction Catheter</b>	2x ET size
<b>ET Uncuffed</b>	(Age ÷ 4) + 4	<b>Naso/Orogastric Tube</b>	3x ET size
<b>ET Depth (cm)</b>	3x ET size	<b>Chest Tube</b>	4x ET size
Weight Estimate Formulas			
<b>Estimate weight ONLY if actual weight/length-based calculation unavailable!</b>			
<i>Infant:</i> (Months ÷ 2) + 4 = kg		<i>Child (≥ 1 yr):</i> (Years x 2) + 10 = kg	
Fluid Management			
<b>Goals of Fluid Resuscitation:</b> Normal vital signs, Improved signs of perfusion, Urine output 0.5-1 mL/kg/hr			
Type	Fluid	Rates and Notes	
Resuscitation Fluids	NS	Initial bolus 20 mL/kg, over 30-60 min, repeat as needed	
	PRBCs	<ul style="list-style-type: none"> <li>Hemorrhagic shock</li> <li>10 mL/kg if not responding to initial 20 mL/kg of crystalloid</li> <li>May use O Neg (or O Pos for males) until type-specific or cross matched available</li> </ul>	
Maintenance Fluids <i>Maximum of 2400 mL/day</i>	D <sub>10</sub> W	<i>Newborn (first 48 hrs):</i> 3 mL/kg/hr	
	D <sub>10</sub> ½NS	<i>Neonate (28 days or less):</i> 4 mL/kg/hr	
	D <sub>5</sub> NS	<i>Pediatric patient without renal compromise:</i> <ul style="list-style-type: none"> <li>4 mL/kg/hr first 10 kg</li> <li>2 mL/kg/hr next 10 kg</li> <li>1 additional mL/kg/hr for each kg over 20 kg</li> </ul>	
Hypo-glycemic Treatment	D <sub>10</sub> W	Neonate with BG < 45 give 3 mL/kg IV or IO over 15-30 min	
	D <sub>25</sub> W	< 4 years with BG < 60 give 2 mL/kg IV or IO over 15-30 min	
	D <sub>50</sub> W	≥ 4 years with BG < 60 give 1 mL/kg IV or IO over 15-30 min	