








# Paediatric Acute Recognition and Response Observation Tool

Score	E	3	2	1	0	1	2	3	E
Family/clinician concern *					No	Yes			
Respiratory distress *					Nil	Mild	Moderate	Severe	
<b>Age less than 3 months</b>									
 Respiratory rate	≤20	21-25		26-30	31-60	61-65	66-74	≥75	
Heart rate	≤70	71-90	91-100	101-110	111-160	161-170	171-179	≥180	
Systolic BP	≤40	41-50	51-70	61-70	71-100	101-110	111-119	≥120	
<b>Age 3-12 months</b>									
 Respiratory rate	≤15		16-20	21-25	26-55	56-65	66-74	≥75	
Heart rate	≤70	71-80	81-90	91-100	101-160	161-170	171-179	≥180	
Systolic BP	≤50	51-60	61-70	71-75	76-120	121-125	126-129	≥130	
<b>Age 1-4 years</b>									
 Respiratory rate	≤10	11-15	16-20		21-40	41-50	51-54	≥55	
Heart rate	≤60	61-70	71-80	81-90	91-140	141-160	161-169	≥170	
Systolic BP	≤50	51-60	61-70	71-80	81-120	121-129		≥130	
<b>Age 5-11 years</b>									
 Respiratory rate	≤5	6-10	11-15		16-35	36-45	46-49	≥50	
Heart rate	≤50	51-60	61-70	71-80	81-140	141-160	161-169	≥170	
Systolic BP	≤50	51-60	61-70	71-80	81-120		121-129	≥130	
<b>Age 12+ years</b>									
 Respiratory rate	≤5		6-10	11-15	16-30	31-35	36-39	≥40	
Heart rate	≤40	41-50		51-60	61-120	121-130	131-139	≥140	
Systolic BP	≤60	61-70	71-80	81-90	91-150	151-170	171-190	191-199	≥200
SpO2%	≤85		86-88	89-91	≥92				
O2 therapy (l/min)					≤2	>2-5	>5-10	≥10	
Capillary refill time					<2 sec	2-3 sec	≥4 sec		
Pain scale *					0-3	4-6	7-10		
Level of consciousness (AVPU)	Unresponsive		Pain	Voice	Alert				
Temperature (°C) *	Consider Sepsis ≤35.9				36.0-37.9	≥38.0 Consider Sepsis			

The score for each parameter should be added together to produce a total Early Warning Score (EWS). Once EWS calculated, follow Escalation Guidelines/Actions chart.

**\* PARROT Pearls:**

- Family/clinician concern: "Are you concerned your child is deteriorating?"
- Respiratory distress: Score as per table in Clinical Resources
- Pain: Numeric pain scale, FLACC or Faces in Clinical Resources
- Temperature: Does not contribute to Early Warning Score, however sepsis assessment required for any temperature out of range

**Clinical resources**



Respiratory Distress Assessment



Pain Assessment



Sepsis CPG

**Start sepsis assessment if:**

- Early Warning Score ≥ 5
- Temperature ≤35.9° or ≥38.0°
- Patient looks unwell or parental concern