

CHAM Pediatric Early Warning Score (CHAM-PEWS)

	0	1	2	3	Score																																										
Behavior	<input type="checkbox"/> Playing <input type="checkbox"/> Alert <input type="checkbox"/> Appropriate <input type="checkbox"/> At Baseline	<input type="checkbox"/> Sleep <input type="checkbox"/> Fussy but consolable	<input type="checkbox"/> Irritable/in-consolable	<input type="checkbox"/> Lethargic <input type="checkbox"/> Confused <input type="checkbox"/> Reduced pain response to pain																																											
Cardiovascular	<input type="checkbox"/> Pink <input type="checkbox"/> Cap refill 1-2 seconds <table border="1" style="font-size: small;"> <thead> <tr> <th>Age</th> <th>Heartrate at Rest</th> </tr> </thead> <tbody> <tr><td>0-1 Month</td><td>110-180</td></tr> <tr><td>1-12 months</td><td>110-180</td></tr> <tr><td>1-3years</td><td>70-110</td></tr> <tr><td>4-6 years</td><td>70-110</td></tr> <tr><td>7-12 years</td><td>70-110</td></tr> <tr><td>13-19 years</td><td>55-90</td></tr> </tbody> </table>	Age	Heartrate at Rest	0-1 Month	110-180	1-12 months	110-180	1-3years	70-110	4-6 years	70-110	7-12 years	70-110	13-19 years	55-90	<input type="checkbox"/> Pale <input type="checkbox"/> Capillary refill ≥ 3 seconds	<input type="checkbox"/> Grey <input type="checkbox"/> Cap refill 4 seconds <input type="checkbox"/> tachycardia of 20 above normal <table border="1" style="font-size: small;"> <thead> <tr> <th>HR</th> <th>2+ points</th> </tr> </thead> <tbody> <tr><td>0-1 month</td><td>200</td></tr> <tr><td>1-12 months</td><td>200</td></tr> <tr><td>1-3 years</td><td>130</td></tr> <tr><td>4-6 years</td><td>130</td></tr> <tr><td>7-12 years</td><td>130</td></tr> <tr><td>13-19 years</td><td>110</td></tr> </tbody> </table>	HR	2+ points	0-1 month	200	1-12 months	200	1-3 years	130	4-6 years	130	7-12 years	130	13-19 years	110	<input type="checkbox"/> Grey and Mottled <input type="checkbox"/> Capillary refill 5 seconds or above <input type="checkbox"/> Tachycardia of 30 above normal rate or Bradycardia <table border="1" style="font-size: small;"> <thead> <tr> <th>HR</th> <th>3+ points</th> </tr> </thead> <tbody> <tr><td>0-1 month</td><td>210</td></tr> <tr><td>1-12 months</td><td>210</td></tr> <tr><td>1-3 years</td><td>140</td></tr> <tr><td>4-6 years</td><td>140</td></tr> <tr><td>7-12 years</td><td>140</td></tr> <tr><td>13-19 years</td><td>120</td></tr> </tbody> </table>	HR	3+ points	0-1 month	210	1-12 months	210	1-3 years	140	4-6 years	140	7-12 years	140	13-19 years	120	
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Respiratory	<input type="checkbox"/> Within normal RR <input type="checkbox"/> RS under 4 <table border="1" style="font-size: small;"> <thead> <tr> <th>Age</th> <th>Resting RR</th> </tr> </thead> <tbody> <tr><td>0-1 Month</td><td>40-60</td></tr> <tr><td>1-12 months</td><td>35-40</td></tr> <tr><td>1-3years</td><td>25-30</td></tr> <tr><td>4-6 years</td><td>21-23</td></tr> <tr><td>7-12 years</td><td>19-21</td></tr> <tr><td>13-19 years</td><td>16-18</td></tr> </tbody> </table>	Age	Resting RR	0-1 Month	40-60	1-12 months	35-40	1-3years	25-30	4-6 years	21-23	7-12 years	19-21	13-19 years	16-18	<input type="checkbox"/> >10 above normal RR <input type="checkbox"/> Retractions <input type="checkbox"/> 30% Fio2 <input type="checkbox"/> ≥ 3 liters/minute <input type="checkbox"/> < 1 month: > 2 liters <input type="checkbox"/> Intermittent apnea <input type="checkbox"/> RS 5-7 <table border="1" style="font-size: small;"> <thead> <tr> <th>Age</th> <th>1 point</th> </tr> </thead> <tbody> <tr><td>0-1 Month</td><td>70</td></tr> <tr><td>1-12 months</td><td>50</td></tr> <tr><td>1-3years</td><td>40</td></tr> <tr><td>4-6 years</td><td>33</td></tr> <tr><td>7-12 years</td><td>31</td></tr> <tr><td>13-19 years</td><td>28</td></tr> </tbody> </table>	Age	1 point	0-1 Month	70	1-12 months	50	1-3years	40	4-6 years	33	7-12 years	31	13-19 years	28	<input type="checkbox"/> >20 above normal RR <input type="checkbox"/> Nasal flaring and Retractions <input type="checkbox"/> $>40\%$ FIO2 <input type="checkbox"/> 6 liters a minute <input type="checkbox"/> Tracheostomy and/or vent dependent <input type="checkbox"/> Apnea requiring stimulation or repositioning <input type="checkbox"/> RS 8-9 <table border="1" style="font-size: small;"> <thead> <tr> <th>RR</th> <th>2 points</th> </tr> </thead> <tbody> <tr><td>0-1 month</td><td>80</td></tr> <tr><td>1-12 months</td><td>60</td></tr> <tr><td>1-3 years</td><td>50</td></tr> <tr><td>4-6 years</td><td>43</td></tr> <tr><td>7-12 years</td><td>41</td></tr> <tr><td>13-19 years</td><td>38</td></tr> </tbody> </table>	RR	2 points	0-1 month	80	1-12 months	60	1-3 years	50	4-6 years	43	7-12 years	41	13-19 years	38	<input type="checkbox"/> Below normal RR with retractions <input type="checkbox"/> Grunting <input type="checkbox"/> Over 50% FIO2 <input type="checkbox"/> Over 8 liters/min <input type="checkbox"/> Apnea- interventions other than repositioning or stimulation <input type="checkbox"/> RS >9	
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		<input type="checkbox"/> Parental and/or Staff concern			Total score:																																										

PEWS – PEDIATRIC EARLY WARNING SCORE

Score less than or = 2

No notification. Reassess every 4 hours

New PEWS score of 3 or any individual parameter scored greater than or = 2

RN Notifies:
Primary Team Senior Resident

Bedside eval
within 30 minutes
by care team

Reassessment Q3H until
score less than or = 2

Greater than or equal to 4

RN Notifies:
Primary Team Senior Resident

Bedside eval
within 30 minutes
by care team

Reassessment Q2H until
score less than or = 2

PEWS Score = 5

Consider PMET

RN Notifies Senior Resident
Senior notifies primary
attending.

Bedside eval
within 15 minutes
by care team

Reassessment Q2H
until score less than or
= 2

PEWS SCORE = 6

RN Notifies Senior Resident
Senior notifies primary attending.

CALL PMET

Reassessment Q1H until
score less than or = 2