

## BC PEWS Vital Signs Reference Card

Age	Heart Rate Beats per minute	Respiratory Rate Breaths per minute	Systolic / Diastolic BP	MAP mmHg
<b>0 – 28 days*</b>	104 – 162	31 – 60	60 – 80 / 30 – 53	40 or higher
<b>1 – 3 months*</b>	104 – 162	31 – 60	73 – 105 / 36 – 68	48 or higher
<b>4 – 11 months*</b>	109 – 159	29 – 53	82 – 105 / 46 – 68	58 – 80
<b>1 – 3 years†</b>	89 – 139	25 – 39	85 – 109 / 37 – 67	53 – 81
<b>4 – 6 years†</b>	71 – 128	17 – 31	91 – 114 / 50 – 74	63 – 87
<b>7 – 11 years†</b>	60 – 114	15 – 28	96 – 121 / 57 – 80	70 – 94
<b>12 plus years†</b>	50 – 104	12 – 25	105 – 136 / 62 – 87	76 – 103
<b>Temperature °C</b>	<b>Oral: 35.5 – 37.5, Axilla: 36.5 – 37.5, Rectal: 36.6 – 38.0, Temporal: 36.3 – 37.8</b>			

HR and RR ranges: CTAS 2013

Temperature ranges: CPS 2015

BP ranges: \*Modified from American Heart Association (2012). *Pediatric emergency assessment, recognition, and stabilization (PEARS) provider manual.* † National Heart, Lung and Blood Pressure Institute (2004). The fourth report on the diagnosis, evaluation, and treatment of high blood pressure in children and adolescents. *Pediatrics*, 114(2), 555-556.



### BC PEWS Vital Signs Reference Card

<b>Body Weight (kg)</b>	<b>Fluid Requirements Per Day</b>
Below 10 kg	100 mL per kg
10 – 20 kg	1000 mL + 50 mL per kg over 10 kg
Greater than 20 kg	1500 mL + 20 mL per kg over 20 kg
<b>Body Weight (kg)</b>	<b>Fluid Requirements Per Hour</b>
Below 10 kg	4 mL per kg
10 – 20 kg	2 mL per kg for each kg greater than 10 kg
Greater than 20 kg	1 mL per kg for each kg greater than 20 kg
<b>Urine Output</b>	<b>0.5 – 1.0 mL per kg per hr</b>

Pickard, G. & Abernathy, A.P. (2013). *Dosage calculations, Ninth edition*. Delmar, Cengage Learning.

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