

**For refractory Anaphylactic shock (pediatric & adult)  
MUST CONTACT OLMC**

<b>EPINEPHrine 1 mg/250 mL NS (4 mcg/mL)</b>										
<b>Weight (kg)</b>	<b>Infusion rate in mcg/kg/min</b>									
	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
	<b>Infusion Rate in mL/hr</b>									
<b>70</b>	53	105	158	210	263	315	368	420	473	525
<b>75</b>	56	113	169	225	281	338	394	450	506	563
<b>80</b>	60	120	180	240	300	360	420	480	540	600
<b>85</b>	64	128	191	255	319	383	446	510	574	638
<b>90</b>	68	135	203	270	338	405	473	540	608	675
<b>95</b>	71	143	214	285	356	428	499	570	641	713
<b>100</b>	75	150	225	300	375	450	525	600	675	750
<b>105</b>	79	158	236	315	394	473	551	630	709	788
<b>110</b>	83	165	248	330	413	495	578	660	743	825
<b>115</b>	86	173	259	345	431	518	604	690	776	863
<b>120</b>	90	180	270	360	450	540	630	720	810	900
<b>125</b>	94	188	281	375	469	563	656	750	844	938

Updated March 2014

**Sample Calculation** for 40 kg dose at 0.05 mcg/kg/min: **Step 1)** 40 kg x 0.05 mcg/kg/min = 2 mcg/min  
**Step 2)** 2 mcg/min x 60 min/hr = 120 mcg/hr **Step 3)** 120 mcg/hr ÷ 4 mcg/mL = 30 mL/hr

**For refractory Anaphylactic shock (pediatric & adult)  
MUST CONTACT OLMC**

<b>EPINEPHrine 1 mg/250 mL NS (4 mcg/mL)</b>										
<b>Weight (kg)</b>	<b>Infusion rate in mcg/kg/min</b>									
	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
	<b>Infusion Rate in mL/hr</b>									
<b>5</b>	4	8	11	15	19	23	26	30	34	38
<b>10</b>	8	15	23	30	38	45	53	60	68	75
<b>15</b>	11	23	34	45	56	68	79	90	101	113
<b>20</b>	15	30	45	60	75	90	105	120	135	150
<b>25</b>	19	38	56	75	94	113	131	150	169	188
<b>30</b>	23	45	68	90	113	135	158	180	203	225
<b>35</b>	26	53	79	105	131	158	184	210	236	263
<b>40</b>	30	60	90	120	150	180	210	240	270	300
<b>45</b>	34	68	101	135	169	203	236	270	304	338
<b>50</b>	38	75	113	150	188	225	263	300	338	375
<b>55</b>	41	83	124	165	206	248	289	330	371	413
<b>60</b>	45	90	135	180	225	270	315	360	405	450
<b>65</b>	49	98	146	195	244	293	341	390	439	488

**Indications:** For refractory **Anaphylactic shock** – **MUST CONTACT OLMC**

**Dose:** Start 0.05 mcg/kg/min and **titrate** by 0.05 mcg/kg/min every 5 minutes to desired BP  
 Usual dose is 0.05 – 0.5 mcg/kg/min with absolute **maximum** dose of 0.5 mcg/kg/min