

Paediatric EPINEPHrine infusion

Concentration: 50 mcg/mL

Admixture:

0.5 mg diluted to a total volume of 10 mL for 50 mcg/mL

or

2.5 mg diluted to a total volume of 50 mL for 50 mcg/mL

DOSE (mcg/kg/min)	PATIENT WEIGHT (kg)																			
	2	4	6	8	10	12	14	16	18	20	25	30	35	40	45	50	55	60	65	70
	INFUSION RATE (mL/hr)																			
0.05	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1	1.1	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3	3.6	3.9	4.2
0.1	0.2	0.5	0.7	1	1.2	1.4	1.7	1.9	2.2	2.4	3	3.6	4.2	4.8	5.4	6	6.6	7.2	7.8	8.4
0.2	0.5	1	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8	6	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6	16.8
0.3	0.7	1.4	2.2	2.9	3.6	4.3	5	5.8	6.5	7.2	9	10.8	12.6	14.4	16.2	18	19.8	21.6	23.4	25.2
0.4	1	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6	12	14.4	16.8	19.2	21.6	24	26.4	28.8	31.2	33.6
0.5	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	15	18	21	24	27	30	33	36	39	42
0.6	1.4	2.9	4.3	5.8	7.2	8.6	10.1	11.5	13	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4
0.7	1.7	3.4	5	6.7	8.4	10.1	11.8	13.4	15.1	16.8	21	25.2	29.4	33.6	37.8	42	46.2	50.4	54.6	58.8
0.8	1.9	3.8	5.8	7.7	9.6	11.5	13.4	15.4	17.3	19.2	24	28.8	33.6	38.4	43.2	48	52.8	57.6	62.4	67.2
0.9	2.2	4.3	6.5	8.6	10.8	13	15.1	17.3	19.4	21.6	27	32.4	37.8	43.2	48.6	54	59.4	64.8	70.2	75.6
1	2.4	4.8	7.2	9.6	12	14.4	16.8	19.2	21.6	24	30	36	42	48	54	60	66	72	78	84
1.2	2.9	5.8	8.6	11.5	14.4	17.3	20.2	23	25.9	28.8	36	43.2	50.4	57.6	64.8	72	79.2	86.4	93.6	100.8
1.4	3.4	6.7	10.1	13.4	16.8	20.2	23.5	26.9	30.2	33.6	42	50.4	58.8	67.2	75.6	84	92.4	100.8	109.2	117.6
1.6	3.8	7.7	11.5	15.4	19.2	23	26.9	30.7	34.6	38.4	48	57.6	67.2	76.8	86.4	96	105.6	115.2	124.8	134.4
1.8	4.3	8.6	13	17.3	21.6	25.9	30.2	34.6	38.9	43.2	54	64.8	75.6	86.4	97.2	108	118.8	129.6	140.4	151.2
2	4.8	9.6	14.4	19.2	24	28.8	33.6	38.4	43.2	48	60	72	84	96	108	120	132	144	156	168
2.5	6	12	18	24	30	36	42	48	54	60	75	90	105	120	135	150	165	180	195	210
3	7.2	14.4	21.6	28.8	36	43.2	50.4	57.6	64.8	72	90	108	126	144	162	180	198	216	234	252
3.5	8.4	16.8	25.2	33.6	42	50.4	58.8	67.2	75.6	84	105	126	147	168	189	210	231	252	273	294
4	9.6	19.2	28.8	38.4	48	57.6	67.2	76.8	86.4	96	120	144	168	192	216	240	264	288	312	336

Flow rates not listed above may be calculated using the following equation:

Values have been rounded off

$$\text{mL/hr} = \frac{\text{dose (mcg/kg/min)} \times \text{weight (kg)} \times 60}{\text{concentration of infusion soln (mcg/mL)}}$$