

Nipride Protocol

Standard concentration: 200mcg/ml (50mg in 250ml of D5W)

Stable for 24 hours at room temperature

MUST be mixed in D5W; DO NOT mix with NaCl!!!!

Dosing: (Hypertensive Emergency)

Initiate at 0.25-3mcg/kg/min

Doses may be gradually titrated up every 5-10 minutes until blood pressure goal is reached

Do not exceed 10mcg/kg/min

Dosing Chart:

Patient Weight (kg)	0.25mcg/kg/min (ml/hr)	1mcg/kg/min (ml/hr)	2mcg/kg/min (ml/hr)	3mcg/kg/min (ml/hr)	4mcg/kg/min (ml/hr)	5mcg/kg/min (ml/hr)	6mcg/kg/min (ml/hr)	7mcg/kg/min (ml/hr)	8mcg/kg/min (ml/hr)	9mcg/kg/min (ml/hr)	10mcg/kg/min (ml/hr)
45	3.4	13.5	27	40.5	54	67.5	81	94.5	108	121.5	135
50	3.8	15	30	45	60	75	90	105	120	135	150
55	4.1	16.5	33	49.5	66	82.5	99	115.5	132	148.5	165
60	4.5	18	36	54	72	90	108	126	144	162	180
65	4.9	19.5	39	58.5	78	97.5	117	136.5	156	175.5	195
70	5.3	21	42	63	84	105	126	147	168	189	210
75	5.6	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225
80	6.0	24	48	72	96	120	144	168	192	216	240
85	6.4	25.5	51	76.5	102	127.5	153	178.5	204	229.5	255
90	6.8	27	54	81	108	135	162	189	216	243	270
95	7.1	28.5	57	85.5	114	142.5	171	199.5	228	256.5	285
100	7.5	30	60	90	120	150	180	210	240	270	300
105	7.9	31.5	63	94.5	126	157.5	189	220.5	252	283.5	315
110	8.3	33	66	99	132	165	198	231	264	297	330
115	8.6	34.5	69	103.5	138	172.5	207	241.5	276	310.5	345
120	9.0	36	72	108	144	180	216	252	288	324	360
125	9.4	37.5	75	112.5	150	187.5	225	262.5	300	337.5	375
130	9.8	39	78	117	156	195	234	273	312	351	390

Adverse reactions: cyanide toxicity, methemoglobinemia, thiocyanate toxicity, increased ICP, dizziness, N & V, diaphoresis, abdominal pain, reflex tachycardia, muscle twitching, acidosis, elevated SCr, bradycardia, flushing