

# Brevibloc Protocol

Standard concentration: 10mg/ml (premixed bag)

Dosing for Supraventricular Tachyarrhythmias:

Bolus: 500mcg/kg over 1 minute (Use with caution)

Maintenance: 50mcg/kg/min, increase by 50mcg/kg/min every 4-5 minutes up to 200mcg/kg/min. Maximum dose is 300mcg/kg/min, but doses greater than 200mcg/kg/min are associated with increased adverse effects.

Calculation: 50mcg/kg/min = 0.3ml/kg/hour at 10mg/ml concentration

Dosing Chart:

Patient Weight (kg)	500 mcg/kg bolus (ml)	50mcg /kg/min (ml/hr)	100mcg /kg/min (ml/hr)	150mcg /kg/min (ml/hr)	200mcg /kg/min (ml/hr)	250mcg /kg/min (ml/hr)	300mcg /kg/min (ml/hr)
45	2.3	13.5	27.0	40.5	54.0	67.5	81.0
50	2.5	15.0	30.0	45.0	60.0	75.0	90.0
55	2.8	16.5	33.0	49.5	66.0	82.5	99.0
60	3.0	18.0	36.0	54.0	72.0	90.0	108.0
65	3.3	19.5	39.0	58.5	78.0	97.5	117.0
70	3.5	21.0	42.0	63.0	84.0	105.0	126.0
75	3.8	22.5	45.0	67.5	90.0	112.5	135.0
80	4.0	24.0	48.0	72.0	96.0	120.0	144.0
85	4.3	25.5	51.0	76.5	102.0	127.5	153.0
90	4.5	27.0	54.0	81.0	108.0	135.0	162.0
95	4.8	28.5	57.0	85.5	114.0	142.5	171.0
100	5.0	30.0	60.0	90.0	120.0	150.0	180.0
105	5.3	31.5	63.0	94.5	126.0	157.5	189.0
110	5.5	33.0	66.0	99.0	132.0	165.0	198.0
115	5.8	34.5	69.0	103.5	138.0	172.5	207.0
120	6.0	36.0	72.0	108.0	144.0	180.0	216.0
125	6.3	37.5	75.0	112.5	150.0	187.5	225.0
130	6.5	39.0	78.0	117.0	156.0	195.0	234.0

Adverse reactions: hypotension, diaphoresis, injection site reactions, nausea