

*****Do not administer nitroglycerin if the patient is taking erectile dysfunctions meds*****
 [[Including Viagra (Sildenafil), Cialis (Tadalafil), Levitra (Vardenafil)]]

EHC RECOMMENDED IV INFUSION GUIDELINES FOR ADULT PATIENTS 6/06 update

Drug: NITROGLYCERIN (Nitostat, Nitro-Bid)

50 mg in 250 ml D₅W (200 mcg/ml)

Indication: Unstable angina, CHF, pulmonary edema, severe hypertension.

Suggested Regimen:

Initial dose
5 mcg/min

Usual Dose
5 to 25 mcg/min

Titration dose*
5 mcg/min q 5 min
If no response at 20 mcg/min, titrate by 10 mcg/min q 5 min.

Maximum dose
400 mcg/min

Precautions: Tolerance may develop after 12- 24 hrs. Decrease dose gradually to prevent rebound symptoms. Use extreme caution and adjust dose if changing tubing. Use non-PVC tubing. Do not infuse in same line with other drugs. Headache is usually relieved with analgesics.

Monitor: BP (hypotension), relief of angina, HR (reflex tachycardia), nausea & vomiting, flushing, headache & dizziness, methemoglobinemia

Comments: Administer in glass container. Use of filters should be avoided. Tolerance may develop if administered over 12 to 24 hours.

Dose mcg/min	Rate (ml/hr)
5	1.5
10	3
15	4.5
20	6
30	9
40	12
50	15
60	18
70	21
80	24
90	27

Dose mcg/min	Rate ml/hr
100	30
110	33
120	36
130	39
140	42
150	45
160	48
170	51
180	54
190	57

Dose mcg/min	Rate ml/hr
200	60
210	63
220	66
230	69
240	72
250	75
260	78
270	81
280	84
290	87

Dose mcg/min	Rate ml/hr
300	90
310	93
320	96
330	99
340	102
350	105
360	108
370	111
380	114
390	117
400	120

These guidelines serve to give dosage ranges and rates of administration. All clinicians are expected to be thoroughly familiar with the drugs mentioned herein.