

Class: Antidiabetic

Drug: **INSULIN, REGULAR**
 100 units in 100 ml NaCl 0.9% (1 unit/ml)

Suggested Regimen: Initiate insulin therapy with 0.1 units/kg by IV push, follow with continuous infusion of 0.1 units/kg/hour. (range: 0.05 to 0.2 units/kg/hr depending upon the rate of decrease of serum glucose).

Comments: Only regular insulin may be administered IV.

Wt (lbs)	110	121	132	143	154	165	176	187	198	209	220	231	242
Wt (kg)	50	55	60	65	70	75	80	85	90	95	100	105	110
Dose units/kg/hr	Infusion Rate in ml/hr												
0.05	2.5	2.8	3	3.3	3.5	3.8	4	4.3	4.5	4.8	5	5.3	5.5
0.06	3	3.3	3.6	3.9	4.2	4.5	4.8	5.1	5.4	5.7	6	6.3	6.6
0.07	3.5	3.9	4.2	4.6	4.9	5.3	5.6	6	6.3	6.7	7	7.4	7.7
0.08	4	4.4	4.8	5.2	5.6	6.0	6.4	6.8	7.2	7.6	8	8.4	8.8
0.09	4.5	5	5.4	5.9	6.3	6.8	7.2	7.7	8.1	8.6	9	9.4	9.9
0.1	5	5.5	6	6.5	7.0	7.5	8	8.5	9	9.5	10	10.5	11
0.125	6.3	6.9	7.5	8.1	8.8	9.4	10	10.6	11.3	11.9	12.5	13.1	13.8
0.15	7.5	8.3	9	9.8	10.5	11.3	12	12.8	13.5	14.3	15	15.8	16.5
0.175	8.8	9.6	10.5	11.4	12.3	13.1	14	14.9	15.8	16.6	17.5	18.4	19.3
0.2	10	11	12	13	14	15	16	17	18	19	20	21	22

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