

DRUG NAME PRECEDEX (DEXMEDETOMIDINE) STANDARD CONCENTRATION
DRUG AMOUNT 400 MCG
DILUENT 100 ML OF 0.9% SODIUM CHLORIDE
FINAL CONCENTRATION 4 MCG/ML
LOADING DOSE 1 MCG/KG INFUSED OVER 30 MINUTES
USUAL DOSE 0.2-0.7 MCG/KG/HOUR
DOSAGE FOR LIVER DYSFUNCTION 0.15-0.5 MCG/KG/HOUR (CLEARANCE IS DECREASED TO 74% OF NORMAL WITH MILD IMPAIRMENT)
 0.13-0.45 MCG/KG/HOUR (CLEARANCE IS DECREASED TO 64% OF NORMAL WITH MODERATE IMPAIRMENT)
 0.1-0.37 MCG/KG/HOUR (CLEARANCE IS DECREASED TO 53 % OF NORMAL WITH SEVERE IMPAIRMENT)

SIDE EFFECTS MONITOR FOR: BRADYCARDIA, HYPOTENSION, HYPERTENSION
COMPATABILITY INCOMPATIBLE WITH AMPHOTERICIN AND DIAZEPAM
INSTRUCTIONS 1) FIND THE ROW FOR THE PATIENT'S WEIGHT
 2) FIND THE COLUMN FOR THE DESIRED DOSAGE IN MCG/KG/HOUR
 3) LOCATE THE RATE IN ML/HR WHERE THE ROW AND COLUMN MEET

WEIGHT (KG)	DOSE (MCG/KG/HOUR)									
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
40	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
45	1.1	2.3	3.4	4.5	5.6	6.8	7.9	9.0	10.1	11.3
50	1.3	2.5	3.8	5.0	6.3	7.5	8.8	10.0	11.3	12.5
55	1.4	2.8	4.1	5.5	6.9	8.3	9.6	11.0	12.4	13.8
60	1.5	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0
65	1.6	3.3	4.9	6.5	8.1	9.8	11.4	13.0	14.6	16.3
70	1.8	3.5	5.3	7.0	8.8	10.5	12.3	14.0	15.8	17.5
75	1.9	3.8	5.6	7.5	9.4	11.3	13.1	15.0	16.9	18.8
80	2.0	4.0	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
85	2.1	4.3	6.4	8.5	10.6	12.8	14.9	17.0	19.1	21.3
90	2.3	4.5	6.8	9.0	11.3	13.5	15.8	18.0	20.3	22.5
95	2.4	4.8	7.1	9.5	11.9	14.3	16.6	19.0	21.4	23.8
100	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0
105	2.6	5.3	7.9	10.5	13.1	15.8	18.4	21.0	23.6	26.3
110	2.8	5.5	8.3	11.0	13.8	16.5	19.3	22.0	24.8	27.5
115	2.9	5.8	8.6	11.5	14.4	17.3	20.1	23.0	25.9	28.8
120	3.0	6.0	9.0	12.0	15.0	18.0	21.0	24.0	27.0	30.0
125	3.1	6.3	9.4	12.5	15.6	18.8	21.9	25.0	28.1	31.3
130	3.3	6.5	9.8	13.0	16.3	19.5	22.8	26.0	29.3	32.5
135	3.4	6.8	10.1	13.5	16.9	20.3	23.6	27.0	30.4	33.8
140	3.5	7.0	10.5	14.0	17.5	21.0	24.5	28.0	31.5	35.0
145	3.6	7.3	10.9	14.5	18.1	21.8	25.4	29.0	32.6	36.3
150	3.8	7.5	11.3	15.0	18.8	22.5	26.3	30.0	33.8	37.5
KG	INFUSION RATE (ML/HR)									

LOADING DOSE 1 MCG/KG OVER 30 MINUTES	
VOLUME TO INFUSE FROM BAG	Infusion Rate For 30 Minutes
10.0	20
11.3	23
12.5	25
13.8	28
15.0	30
16.3	33
17.5	35
18.8	38
20.0	40
21.3	43
22.5	45
23.8	48
25.0	50
26.3	53
27.5	55
28.8	58
30.0	60
31.3	63
32.5	65
33.8	68
35.0	70
36.3	73
37.5	75
ML	ML/Hour For 30 minutes