

Dosing for ICU Sedation

Concentrated injection (must be diluted prior to use) for intravenous infusion in initially intubated patients.

Loading Dose

Loading dose infusion of
1.0 microgram/kg over 10 minutes ¹

****Not to be given as IV bolus****

In patients already sedated with other anesthetics, sedatives, hypnotics or opioid analgesics, a loading dose may not be necessary. ¹

Weight (kg)	Loading Infusion Rate (mL/hr) for 10 min	Total Volume Infused (mL)
45	67.5	11.3
50	75	12.5
55	82.5	13.8
60	90	15
65	97.5	16.3
70	105	17.5
75	112.5	18.8
80	120	20
85	127.5	21.3
90	135	22.5
95	142.5	23.8
100	150	25

Maintenance Dose

1 Find Patient weight (row)

2 Find desired dose (top of columns)

Weight (kg)	DOSE (micrograms/kg/hr)					
	0.2	0.3	0.4	0.5	0.6	0.7
45	2.3	3.4	4.5	5.6	6.8	7.9
50	2.5	3.8	5	6.3	7.5	8.8
55	2.8	4.1	5.5	6.9	8.3	9.6
60	3	4.5	6	7.5	9	10.5
65	3.3	4.9	6.5	8.1	9.8	11.4
70	3.5	5.3	7	8.8	10.5	12.3
75	3.8	5.6	7.5	9.4	11.3	13.1
80	4	6	8	10	12	14
85	4.3	6.4	8.5	10.6	12.8	14.9
90	4.5	6.8	9	11.3	13.5	15.8
95	4.8	7.1	9.5	11.9	14.3	16.6
100	5	7.5	10	12.5	15	17.5

3 Find infusion rate (intersection). **INFUSION RATE (mL/hr)** The rate of the maintenance infusion should be adjusted from 0.2 to 0.7 micrograms/kg/hr to achieve the desired effect. For patients > 65 years or with hepatic impairment consider starting infusion at <0.6 micrograms/kg/hr.

Dosing for Procedural Sedation

Concentrated injection (must be diluted prior to use) for intravenous infusion (in non-intubated patients before and/or during surgery/procedures)

Loading Dose

Loading dose infusion of 1.0 micrograms/kg **over 10 minutes¹**

****Not to be given as IV bolus****

Weight (kg)	Loading Infusion Rate (mL/hr) for 10 min	Total Volume Infused (mL)
45	67.5	11.3
50	75	12.5
55	82.5	13.8
60	90	15
65	97.5	16.3
70	105	17.5
75	112.5	18.8
80	120	20
85	127.5	21.3
90	135	22.5
95	142.5	23.8
100	150	25

Maintenance Dose

1 Find Patient weight (row)

2 Find desired dose (top of columns)

Weight (kg)	DOSE (micrograms/kg/hr)								
	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
45	2.3	3.4	4.5	5.6	6.8	7.9	9	10.1	11.3
50	2.5	3.8	5	6.3	7.5	8.8	10	11.3	12.5
55	2.8	4.1	5.5	6.9	8.3	9.6	11	12.4	13.8
60	3	4.5	6	7.5	9	10.5	12	13.5	15
65	3.3	4.9	6.5	8.1	9.8	11.4	13	14.6	16.3
70	3.5	5.3	7	8.8	10.5	12.3	14	15.8	17.5
75	3.8	5.6	7.5	9.4	11.3	13.1	15	16.9	18.8
80	4	6	8	10	12	14	16	18	20
85	4.3	6.4	8.5	10.6	12.8	14.9	17	19.1	21.3
90	4.5	6.8	9	11.3	13.5	15.8	18	20.3	22.5
95	4.8	7.1	9.5	11.9	14.3	16.6	19	21.4	23.8
100	5	7.5	10	12.5	15	17.5	20	22.5	25

3 Find infusion rate (intersection). **INFUSION RATE (mL/hr)** The maintenance infusion should be commenced at 0.6 micrograms/kg/hr and titrated between 0.2 to 1.0 micrograms/kg/hr to achieve the desired effect.¹ For patients > 65 years or with hepatic impairment consider starting infusion at <0.6 micrograms/kg/hr.

References

1. Precedex Prescribing Information <https://labeling.pfizer.com/ShowLabeling.aspx?id=12158>. Accessed 27 Sep 2022

Full Prescribing Information

Please scan the Quick Response (QR) code below or visit <https://labeling.pfizer.com/ShowLabeling.aspx?id=12158>:



Full prescribing information is available upon request
For healthcare professionals only



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