



IV



Small-to-Medium Patients

Emergency Drugs	Weight (kg)	1	1.5	2	2.5	5	10	15
	Dosage	mL	mL	mL	mL	mL	mL	mL
Atropine 0.4 mg/mL	0.05 mg/kg	0.12	0.18	0.25	0.3	0.6	1.2	1.8
Epinephrine 1:1000 1.0 mg/mL	0.01 mg/kg	0.01	0.02	0.02	0.03	0.05	0.1	0.15
This is low-dose epinephrine; to obtain high-dose, multiply by ten								

Reversal Drug	Weight (kg)	1	1.5	2	2.5	5	10	15
	Dosage	mL	mL	mL	mL	mL	mL	mL
Naloxone 0.4 mg/mL	0.04 mg/kg	0.1	0.15	0.2	0.25	0.5	1	1.5
For opioid reversal								

Reversal Drugs	Weight (kg)	1	1.5	2	2.5	5	10	15
	Dosage	mL	mL	mL	mL	mL	mL	mL
Flumazenil 0.1 mg/mL	0.01 mg/kg	0.1	0.15	0.2	0.25	0.5	1	1.5
For benzodiazepine reversal								
Atipamezole 5 mg/mL	0.10 mg/kg	0.02	0.03	0.04	0.05	0.1	0.2	0.3
For dexmedetomidine reversal								
Add 0.2 mL of saline to each dose of atipamezole for IM feline reversal								
In the event of patient cardiac arrest, dose may be given IV								



IV



Medium-to-Large Patients

Emergency Drugs	Weight (kg)	20	25	30	35	40	45	50
	Dosage	mL	mL	mL	mL	mL	mL	mL
Atropine 0.4 mg/mL	0.05 mg/kg	2.5	3	3.7	4.4	5	5.6	6.2
Epinephrine 1:1000 1.0 mg/mL								
	0.01 mg/kg	0.2	0.25	0.3	0.35	0.4	0.45	0.5
This is low-dose epinephrine; to obtain high-dose, multiply by ten								

Reversal Drug	Weight (kg)	20	25	30	35	40	45	50
	Dosage	mL	mL	mL	mL	mL	mL	mL
Naloxone 0.4 mg/mL	0.04 mg/kg	2	2.5	3	3.5	4	4.5	5
For opioid reversal								

Reversal Drugs	Weight (kg)	20	25	30	35	40	45	50
	Dosage	mL	mL	mL	mL	mL	mL	mL
Flumazenil 0.1 mg/mL	0.01 mg/kg	2	2.5	3	3.5	4	4.5	5
For benzodiazepine reversal								
Atipamezole 5 mg/mL								
	0.10 mg/kg	0.4	0.5	0.6	0.7	0.8	0.9	1
For dexmedetomidine reversal								
Add 0.2 mL of saline to each dose of atipamezole for IM feline reversal								
In the event of patient cardiac arrest, dose may be given IV								

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Emergency Drugs	Weight (kg)	2.5	5	10	15	20	25	30	35	40
	Dosage	mL	mL	mL	mL	mL	mL	mL	mL	mL
Atropine 0.4 mg/mL	(0.05 mg/kg) x 5	1.5	3.0	6.0	9.0	12.5	15.0	18.5	22.0	25.0
Dilute with 5-10 mL saline										
Epinephrine 1:1000 1.0 mg/mL	(0.01 mg/kg) x 10	0.2	0.5	1	1.5	2	2.5	3	3.5	4
Dilute with 5-10 mL saline This is low-dose epinephrine; to obtain high-dose, multiply by ten										

Reversal Drug	Weight (kg)	2.5	5	10	15	20	25	30	35	40
	Dosage	mL	mL	mL	mL	mL	mL	mL	mL	mL
Naloxone 0.4 mg/mL	(0.04 mg/kg) x 2.5	0.6	1.25	2.5	3.75	5.0	6.25	7.5	8.75	10.0
For opioid reversal Dilute with 5-10 mL saline										