

Adult Drug Reference

Dopamine Drip Chart

Pediatric Drug Reference

Pediatric Drug Dosage Charts

DRUG REFERENCES

ADULT DRUG REFERENCE

Drug	Indication	Adult Dosage	Precautions / Comments
ADENOSINE	Paroxysmal SVT	1 st Dose – 6 mg rapid IV 2 nd Dose – 12 mg rapid IV push Follow each dose with rapid bolus of 20 ml NS	May cause transient heart block or asystole. Side effects include chest pressure/pain, palpitations, hypotension, dyspnea, or feeling of impending doom. Use caution when patient is taking carbamazepine, dipyridole, or methylxanthines. Do not administer if acute asthma exacerbation.
ALBUTEROL	Bronchospasm	5 mg in 6 ml NS nebulized	Repeat as needed for bronchospasm. Use with caution in patients taking MAO inhibitors (antidepressants Nardil and Parnate)
	Crush Injury – Hyperkalemia	5 mg in 6 ml NS nebulized continuously	
AMIODARONE	Ventricular Fibrillation or Pulseless VT	300 mg IV or IO bolus, repeat 150 mg bolus if rhythm persists	In patient with pulses, may cause hypotension. Do not administer if patient hypotensive. When creating infusion, careful mixing needed to avoid foaming of medication (do not use filter needle).
	Stable Ventricular Tachycardia	150 mg IV infusion or slow IV push over 10 minutes (15 mg/minute)	

ADULT DRUG REFERENCE

Drug	Indication	Adult Dosage	Precautions / Comments
ASPIRIN	Chest Pain – Suspected ACS	4 – 81 mg tabs – chewed	Contraindicated in aspirin or salicylate allergy. Coumadin or Plavix use is <u>not</u> a contraindication.
ATROPINE	Symptomatic Bradycardia	0.5 mg IV or IO every 3-5 minutes up to max. 3 mg	Atropine can dilate pupils, aggravate glaucoma, cause urinary retention, confusion, and dysrhythmias, including V-tach and Vfib. Doses less than 0.5 mg can cause paradoxical bradycardia. Increases myocardial oxygen consumption.
	Organophosphate poisoning	1-2 mg IV or IO – repeat every 3-5 min. as needed to decrease symptoms	Remove clothing of victim of organophosphate poisonings, and flush skin to remove traces of poison.
CALCIUM CHLORIDE	Hyperkalemia – Arrest	500 mg IV or IO slowly May repeat in 5-10 minutes	Use cautiously or not at all in patients on digitalis. Avoid extravasation
	Hyperkalemia – Crush Injury	1 gm IV or IO slowly over 60 seconds	
	Hydrofluoric Acid Toxicity	500 mg IV or IO slowly	Rapid administration can cause dysrhythmias or arrest
DEXTROSE 50%	Hypoglycemia	25 g IV – repeat if needed	Recheck glucose after administration

ADULT DRUG REFERENCE

Drug	Indication	Adult Dosage	Precautions / Comments
DIPHENHYDRAMINE	Allergy – Hives / Itching	25-50 mg IV or IM	For allergy, consider lower dose if patient has already taken po dose in past two hours for symptoms
	Dystonic Reaction		
DOPAMINE	Shock	Starting dose (see chart) 5 mcg/kg/min IV or IO	Alpha & beta sympathomimetic. May cause serious dysrhythmias and exacerbate angina. Avoid extravasation. Avoid exposure to light.
	Symptomatic Bradycardia	Maximum dose 20 mcg/kg/min IV or IO	
EPINEPHRINE 1:10,000	Cardiac Arrest	1 mg IV or IO every 3-5 minutes	Alpha & beta sympathomimetic. May cause serious dysrhythmias and exacerbate angina.
	Anaphylactic Shock	0.1 mg increments IV or IO up to 0.5 mg IV total dose Use only if IM treatment ineffective	
EPINEPHRINE 1:1000	Allergy/ Anaphylactic Shock	0.3-0.5 mg IM Use lower dose in smaller, older patients	Never administer intravenously! Do not use in asthma patients with a history of hypertension or coronary artery disease. May cause serious dysrhythmias and exacerbate angina.
	Asthma	0.3 mg subcutaneously 0.3 mg IM if respiratory arrest from asthma or bronchospasm	

ADULT DRUG REFERENCE

Drug	Indication	Adult Dosage	Precautions / Comments
GLUCAGON	Hypoglycemia	1 mg IM	Effect may be delayed 5–20 min.
LIDOCAINE	IO Pain	20-40 mg IO	Not needed in arrest situations
MIDAZOLAM	Seizure	Titrate 1-5 mg IV in 1-2 mg increments 0.1 mg/kg IM (max. dose 5 mg IM)	With IV dosing, begin with 1 mg dose. IV increments should not exceed 2 mg
	Sedation for pacing or cardioversion	Titrate 1-5 mg IV in 1-2 mg increments	Observe respiratory status
	Sedation – transfer of intubated patient	Titrate 2-5 mg IV in up to 2 mg increments	Use with caution in patients over age 60
	Behavioral Emergency	5 mg IM 1-5 mg IV in 1 mg increments if IV available	Base order required for behavioral emergency indication
MORPHINE	Pain Control	2-20 mg IV (2-5 mg increments)	Can cause hypotension and respiratory depression. Recheck VS between each dose. Hypotension more common in patients with low cardiac output or volume depletion. Nausea is a frequent side effect. Respiratory depression reversible with naloxone.
	Trauma, Burn or Non-Traumatic Pain	5-20 mg IM (max single dose 10 mg)	
	Sedation – Pacing	1-5 mg IV in 1 mg increments	
	Pulmonary Edema	2-5 mg IV in 1-2 mg increments	

ADULT DRUG REFERENCE

Drug	Indication	Adult Dosage	Precautions / Comments
NALOXONE	Respiratory Depression or Apnea (Respiratory rate less than 12)	2 mg intranasally (IN) 1-2 mg IV or IM For careful titration in chronic pain or terminal patients, dilute 1:10 and give 0.1 mg increments	Intranasal administration preferred unless patient in shock or has copious secretion/blood in nares. Shorter duration of action than that of most narcotics. Abrupt withdrawal symptoms and combative behavior may occur.
NITROGLYCERIN	Chest Pain – Suspected ACS Pulmonary Edema	0.4 mg sl or spray up to 6 doses 0.4 mg sl or spray if systolic BP 90-149 0.8 mg sl or spray if systolic BP 150 or over Max.dose 4.8 mg	Can cause hypotension and headache. Do not give if BP less than 90 systolic. Do not give if right ventricular MI detected. Do not give if Viagra or Levitra taken within 24 hours or if Cialis taken within 36 hours
ONDANSETRON	Vomiting and Severe Nausea	4 mg IV, IM or po (ODT) May repeat q 10 min X 2	Give IV over 1 minute – may cause syncope if administered too rapidly.
SODIUM BICARBONATE	Cardiac arrest Tricyclic Antidepressant OD Crush injury	1 mEq/kg IV or IO For crush injury, consider additional 1 mEq/kg added to 1L NS using second IV line	Assure adequate ventilation. Can precipitate or inactivate other drugs. In cardiac arrest, indicated for treatment of suspected hyperkalemia (history of renal failure or diabetes).

DOPAMINE DRIP RATES

Dopamine concentration = 1600 mcg/ml solution = 400 mg in 250 ml D5W or NS

Drops per minute based on microdrip tubing (60 gtt/ml)

Patient Weight (kg)	5 mcg / kg / min	10 mcg / kg / min	15 mcg / kg / min	20 mcg / kg / min
40	8	15	23	30
45	8	17	25	34
50	9	19	28	38
55	10	21	31	41
60	11	23	34	45
65	12	24	37	49
70	13	26	39	53
75	14	28	42	56
80	15	30	45	60
85	16	32	48	64
90	17	34	51	68
95	18	36	53	71
100	19	38	56	75
105	20	39	59	79
110	21	41	62	83

PEDIATRIC DRUG REFERENCE

Drug	Indication	Pediatric Dosage	Precautions / Comments
ADENOSINE	Paroxysmal SVT	1 st Dose – 0.1 mg/kg rapid IV (max. 6 mg) 2 nd Dose – 0.2 mg/kg rapid IV (max 12 mg) Follow each dose with rapid 10-20 ml NS bolus	Base Order Required: May cause transient heart block or asystole. Side effects include chest pressure/pain, palpitations, hypotension, dyspnea, or feeling of impending doom. Do not administer if acute exacerbation of asthma.
ALBUTEROL	Bronchospasm	5 mg in 6 ml NS nebulized	Repeat as needed
AMIODARONE	Ventricular Fibrillation or Pulseless VT	5 mg/kg IV or IO bolus Maximum dose 300 mg	
ATROPINE	Symptomatic Bradycardia	0.02 mg/kg IV or IO Minimum dose 0.1 mg Maximum dose 0.5 mg	Bradycardia in pediatric patients primarily related to respiratory issue – assure adequate ventilation first

PEDIATRIC DRUG REFERENCE

Drug	Indication	Pediatric Dosage	Precautions / Comments
DEXTROSE 10%	Hypoglycemia	0.5 g/kg IV (5 ml/kg) Maximum 250 ml	Recheck glucose after administration
DIPHENHYDRAMINE	Allergy - Hives / Itching	1 mg/kg IV or IM Maximum dose 50 mg	Consider lower dose (0.5 mg/kg) if patient has already taken po dose in the past two hours for symptoms
EPINEPHRINE 1:10,000	Cardiac Arrest	0.01 mg/kg IV or IO every 3-5 minutes Max. dose 1 mg	In anaphylactic shock, IM epinephrine 1:1000 should be administered first and epinephrine 1:10,000 IV should only be used if IM is ineffective
	Anaphylactic Shock	Titrate in up to 0.1 mg increments slow IV or IO to a max. of 0.01 mg/kg	
EPINEPHRINE 1:1000	Allergy/ Anaphylactic Shock	0.01 mg/kg IM Max single dose 0.3 mg	Never administer intravenously!
	Asthma	0.01 mg/kg subcutaneously Maximum dose 0.3 mg	If respiratory arrest from asthma or bronchospasm, administer IM
GLUCAGON	Hypoglycemia	Weight less than 24 kg: 0.5 mg IM Weight 24 kg or more: 1 mg IM	Effect may be delayed 5–20 minutes - if patient responds, give po sugar

PEDIATRIC DRUG REFERENCE

Drug	Indication	Pediatric Dosage	Precautions / Comments
LIDOCAINE	IO Pain	0.5 mg/kg IO. Maximum dose 20 mg	Not needed in arrest situations
MIDAZOLAM	Seizure	Titrate in up to 1 mg increments IV up to 0.1 mg/kg. Maximum total IV dose 5 mg 0.1 mg/kg IM Maximum dose 5 mg IM	Observe respiratory status carefully
	Sedation for Cardioversion	0.1 mg/kg IV or IO titrated in 1 mg increments Maximum dose 5 mg	Sedation and cardioversion only with base hospital order
MORPHINE	Pain Control	See pain management drug chart for dosage. Use IV increments of up to 2 mg 0.1 mg/kg IM	Can cause hypotension and respiratory depression. Hypotension is more common in patients with volume depletion. Nausea is a frequent side effect.
NALOXONE	Respiratory Depression or Apnea	0.1 mg/kg IM or IV Maximum dose 2 mg May repeat as needed	Use IM route initially unless shock present. Shorter duration of action than that of most narcotics.
ONDANSETRON	Vomiting and Severe Nausea	4 mg IV, IM, or po (ODT) In patients 40 kg and over, may repeat q 10 min X 2.	For use in patients 4 years and up. Administer IV over 1 minute. Rapid administration may cause syncope.

ADENOSINE

INDICATION: SUPRAVENTRICULAR TACHYCARDIA

Concentration = 3 mg/ml

1st Dose = 0.1 mg/kg IV 2nd Dose = 0.2 mg/kg IV

Base Order Only

COLOR	DOSES (mg)	GIVE (ml)
Gray (3-5 kg)	0.45 mg	1 st - 0.15 ml
	0.9 mg	2 nd - 0.3 ml
Pink (6-7 kg)	0.66 mg	1 st - 0.22 ml
	1.35 mg	2 nd - 0.45 ml
Red (8-9 kg)	0.9 mg	1 st - 0.3 ml
	1.8 mg	2 nd - 0.6 ml
Purple (10-11 kg)	1 mg	1 st - 0.33 ml
	2 mg	2 nd - 0.67 ml
Yellow (12-14 kg)	1.35 mg	1 st - 0.45 ml
	2.7 mg	2 nd - 0.9 ml
White (15-18 kg)	1.7 mg	1 st - 0.6 ml
	3.4 mg	2 nd - 1.2 ml
Blue (19-23 kg)	2.1 mg	1 st - 0.7 ml
	4.2 mg	2 nd - 1.4 ml
Orange (24-29 kg)	2.7 mg	1 st - 0.9 ml
	5.4 mg	2 nd - 1.8 ml
Green (30-36 kg)	3.3 mg	1 st - 1.1 ml
	6.6 mg	2 nd - 2.2 ml
40 kg	4 mg	1 st - 1.3 ml
	8 mg	2 nd - 2.7 ml
45 kg	4.5 mg	1 st - 1.5 ml
	9 mg	2 nd - 3 ml

Note: Follow with rapid bolus 10-20 ml NS

AMIODARONE

INDICATION – VENTRICULAR FIBRILLATION

Concentration = 50 mg/ml

Dose = 5 mg/kg IV

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	Not given	
Pink (6-7 kg)	35 mg	0.7 ml
Red (8-9 kg)	45 mg	0.9 ml
Purple (10-11 kg)	50 mg	1 ml
Yellow (12-14 kg)	65 mg	1.3 ml
White (15-18 kg)	80 mg	1.6 ml
Blue (19-23 kg)	100 mg	2 ml
Orange (24-29 kg)	130 mg	2.6 ml
Green (30-36 kg)	170 mg	3.4 ml
40 kg	200 mg	4 ml
45 kg	225 mg	4.5 ml

ATROPINE

INDICATION – SYMPTOMATIC BRADYCARDIA

Concentration = 0.1 mg/ml

Dose = 0.02 mg/kg IV

Minimum Dose – 0.1 mg IV

Maximum Dose – 0.5 mg IV

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	0.1 mg	1 ml
Pink (6-7 kg)	0.13 mg	1.3 ml
Red (8-9 kg)	0.17 mg	1.7 ml
Purple (10-11 kg)	0.2 mg	2 ml
Yellow (12-14 kg)	0.25 mg	2.5 ml
White (15-18 kg)	0.35 mg	3.5 ml
Blue (19-23 kg)	0.42 mg	4.2 ml
Orange (24-29 kg)	0.5 mg	5 ml
Green (30-36 kg)	0.5 mg	5 ml
40 kg	0.5 mg	5 ml
45 kg	0.5 mg	5 ml

Assure adequate ventilation before considering atropine.

Not indicated for asystole.

DEFIBRILLATION

PHYSIO-CONTROL

Energy Selection (LP-12 and LP-15)

COLOR	First	Second	Maximum
Gray (3-5 kg)	8 J	15 J	30 J
Pink (6-7 kg)	15 J	30 J	50 J
Red (8-9 kg)	15 J	30 J	70 J
Purple (10-11 kg)	20 J	30 J	100 J
Yellow (12-14 kg)	30 J	50 J	125 J
White (15-18 kg)	30 J	70 J	175 J
Blue (19-23 kg)	30 J	70 J	200 J
Orange (24-29 kg)	50 J	100 J	250 J
Green (30-36 kg)	70 J	125 J	300 J
40 kg	70 J	150 J	360 J
45 kg	100 J	175 J	360 J

DEFIBRILLATION

ZOLL Energy Selection

COLOR	First	Second	Maximum
Gray (3-5 kg)	8 J	15 J	30 J
Pink (6-7 kg)	10 J	20 J	50 J
Red (8-9 kg)	15 J	30 J	75 J
Purple (10-11 kg)	20 J	30 J	100 J
Yellow (12-14 kg)	20 J	50 J	120 J
White (15-18 kg)	30 J	50J	150 J
Blue (19-23 kg)	30 J	75 J	150 J
Orange (24-29 kg)	50 J	100 J	200 J
Green (30-36 kg)	50 J	120 J	200 J
40 kg	75 J	150 J	200 J
45 kg	75 J	150 J	200 J

DEXTROSE 10%

INDICATION – HYPOGLYCEMIA

Concentration = 0.1 g/ml

Dose = 0.5 g/kg IV

COLOR	DOSE (g)	GIVE (ml)
Gray (3-5 kg)	2 g	20 ml
Pink (6-7 kg)	3.5 g	35 ml
Red (8-9 kg)	4.5 g	45 ml
Purple (10-11 kg)	5.5 g	55 ml
Yellow (12-14 kg)	6.5 g	65 ml
White (15-18 kg)	8.5 g	85 ml
Blue (19-23 kg)	11 g	110 ml
Orange (24-29 kg)	14 g	140 ml
Green (30-36 kg)	17 g	170 ml
40 kg	20 g	200 ml
45 kg	22.5 g	225 ml

DIPHENHYDRAMINE

**INDICATION: ALLERGIC REACTION
(URTICARIAL RASH or ITCHING)**

**Concentration = 50 mg/ml
Dose = 1 mg/kg – Give IV or IM**

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	5 mg	0.1 ml
Pink (6-7 kg)	6.5 mg	0.13 ml
Red (8-9 kg)	8.5 mg	0.17 ml
Purple (10-11 kg)	10 mg	0.2 ml
Yellow (12-14 kg)	12.5 mg	0.25 ml
White (15-18 kg)	17.5 mg	0.35 ml
Blue (19-23 kg)	20 mg	0.4 ml
Orange (24-29 kg)	25 mg	0.5 ml
Green (30-36 kg)	35 mg	0.7 ml
40 kg	40 mg	0.8 ml
45 kg	45 mg	0.9 ml

Utilize epinephrine 1:1000 IM first if serious systemic reaction (anaphylaxis).

Consider giving one-half dosage diphenhydramine if patient has taken/been given full dose within 1 hour

EPINEPHRINE 1:10,000

FOR CARDIAC ARREST

Concentration = 0.1 mg/ml

Dose = 0.01 mg/kg IV

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	0.04 mg	0.4 ml **
Pink (6-7 kg)	0.06 mg	0.6 ml **
Red (8-9 kg)	0.08 mg	0.8 ml **
Purple (10-11 kg)	0.1 mg	1 ml
Yellow (12-14 kg)	0.13 mg	1.3 ml
White (15-18 kg)	0.17 mg	1.7 ml
Blue (19-23 kg)	0.21 mg	2.1 ml
Orange (24-29 kg)	0.27 mg	2.7 ml
Green (30-36 kg)	0.33 mg	3.3 ml
40 kg	0.4 mg	4 ml
45 kg	0.45 mg	4.5 ml

Epinephrine 1:10,000 IV is also used in anaphylactic shock if IM treatment ineffective.

** In anaphylactic shock:

- Patients under 10 kg receive smaller increments (same as single dose for cardiac arrest)
- For patients 10 kg and up, give 0.1 mg increments (1 ml)

EPINEPHRINE 1:1000

Anaphylaxis – use IM Route

Asthma – use Subcutaneous (SC) Route

NEVER GIVE EPINEPHRINE 1:1000 VIA IV ROUTE

Concentration = 1 mg/ml

Dose = 0.01 mg/kg IM or SC

Maximum Dose 0.3 mg IM / SC

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	0.04 mg	0.04 ml IM / SC
Pink (6-7 kg)	0.06 mg	0.06 ml IM / SC
Red (8-9 kg)	0.08 mg	0.08 ml IM / SC
Purple (10-11 kg)	0.1 mg	0.1 ml IM / SC
Yellow (12-14 kg)	0.13 mg	0.13 ml IM / SC
White (15-18 kg)	0.17 mg	0.17 ml IM / SC
Blue (19-23 kg)	0.21 mg	0.21 ml IM / SC
Orange (24-29 kg)	0.27 mg	0.27 ml IM / SC
Green (30-36 kg)	0.3 mg	0.3 ml IM / SC
40 kg	0.3 mg	0.3 ml IM / SC
45 kg	0.3 mg	0.3 ml IM / SC

FLUID BOLUS

INDICATION – SHOCK / HYPOTENSION

NORMAL SALINE BOLUS = 20 ml/kg IV

Maximum single bolus = 500 ml

COLOR	GIVE (ml)
Gray (3-5 kg)	80 ml
Pink (6-7 kg)	130 ml
Red (8-9 kg)	170 ml
Purple (10-11 kg)	210 ml
Yellow (12-14 kg)	260 ml
White (15-18 kg)	340 ml
Blue (19-23 kg)	420 ml
Orange (24-29 kg)	500 ml
Green (30-36 kg)	500 ml
40 kg	500 ml
45 kg	500 ml

GLUCAGON

INDICATION – HYPOGLYCEMIA

Concentration = 1 mg/ml

Dose = 0.5 – 1 mg/ml IM

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	0.5 mg	0.5 ml
Pink (6-7 kg)	0.5 mg	0.5 ml
Red (8-9 kg)	0.5 mg	0.5 ml
Purple (10-11 kg)	0.5 mg	0.5 ml
Yellow (12-14 kg)	0.5 mg	0.5 ml
White (15-18 kg)	0.5 mg	0.5 ml
Blue (19-23 kg)	0.5 mg	0.5 ml
Orange (24-29 kg)	1 mg	1 ml
Green (30-36 kg)	1 mg	1 ml
40 kg	1 mg	1 ml
45 kg	1 mg	1 ml

LIDOCAINE

**INDICATION – PAIN MANAGEMENT FOR IO
(PATIENTS NOT IN ARREST)**

Concentration = 2% (100 mg / 5 ml)

Dose = 0.5 mg/kg IO – 20 mg max

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	Not given	
Pink (6-7 kg)	3 mg	0.15 ml
Red (8-9 kg)	4 mg	0.2 ml
Purple (10-11 kg)	5 mg	0.25 ml
Yellow (12-14 kg)	7 mg	0.35 ml
White (15-18 kg)	9 mg	0.45 ml
Blue (19-23 kg)	10 mg	0.5 ml
Orange (24-29 kg)	14 mg	0.7 ml
Green (30-36 kg)	16 mg	0.8 ml
40 kg	20 mg	1 ml
45 kg	20 mg	1 ml

MIDAZOLAM

INDICATION – SEIZURE

Concentration = 5 mg/ml

Dose = 0.1 mg/kg IV or IM

Titrate IV dosage in 0.5-1 mg (0.1-0.2 ml) increments to desired effect (seizure cessation) or maximum dose listed

IM administration - single dose only

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	0.5 mg	0.1 ml
Pink (6-7 kg)	0.75 mg	0.15 ml
Red (8-9 kg)	0.85 mg	0.17 ml
Purple (10-11 kg)	1 mg	0.2 ml
Yellow (12-14 kg)	1.25 mg	0.25 ml
White (15-18 kg)	1.75 mg	0.35 ml
Blue (19-23 kg)	2 mg	0.4 ml
Orange (24-29 kg)	2.75 mg	0.55 ml
Green (30-36 kg)	3.25 mg	0.65 ml
40 kg	4 mg	0.8 ml
45 kg	4.5 mg	0.9 ml

MORPHINE IM

INDICATION – PAIN MANAGEMENT

Concentration = 10 mg/ml

Dose = 0.1 mg/kg IM

IM dosing is single dose only – base contact required for repeat doses

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	Not given	
Pink (6-7 kg)	0.6 mg	0.06 ml
Red (8-9 kg)	0.8 mg	0.08 ml
Purple (10-11 kg)	1 mg	0.1 ml
Yellow (12-14 kg)	1.3 mg	0.13 ml
White (15-18 kg)	1.7 mg	0.17 ml
Blue (19-23 kg)	2 mg	0.2 ml
Orange (24-29 kg)	2.7 mg	0.27 ml
Green (30-36 kg)	3.3 mg	0.33 ml
40 kg	4 mg	0.4 ml
45 kg	4.5 mg	0.45 ml

MORPHINE IV

INDICATION – PAIN MANAGEMENT

Concentration = 10 mg/ml

COLOR	INITIAL DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	Not given	
Pink (6-7 kg)	0.3 mg	0.03 ml
Red (8-9 kg)	0.4 mg	0.04 ml
Purple (10-11 kg)	0.5 mg	0.05 ml
Yellow (12-14 kg)	0.7 mg	0.07 ml
White (15-18 kg)	0.8 mg	0.08 ml
Blue (19-23 kg)	1 mg	0.1 ml
Orange (24-29 kg)	1 - 2 mg	0.1 - 0.2 ml
Green (30-36 kg)	1 - 2 mg	0.1 - 0.2 ml
40-45 kg	1 - 2 mg	0.1 - 0.2 ml

For patients 18 kg and below, dose can be repeated once. Additional doses require base approval.

For patients 19 kg and above may titrate in 1-2 mg increments up to 10 mg maximum (1 ml).

NALOXONE

INDICATION – RESPIRATORY DEPRESSION

Concentration = 1 mg/ml

Dose = 0.1 mg/kg IV or IM

Maximum single dose = 2 mg (may be repeated)

Naloxone is available in other concentrations.

This chart is correct for 1 mg/ml concentration

COLOR	DOSE (mg)	GIVE (ml)
Gray (3-5 kg)	0.4 mg	0.4 ml
Pink (6-7 kg)	0.7 mg	0.7 ml
Red (8-9 kg)	0.9 mg	0.9 ml
Purple (10-11 kg)	1 mg	1 ml
Yellow (12-14 kg)	1.3 mg	1.3 ml
White (15-18 kg)	1.7 mg	1.7 ml
Blue (19-23 kg)	2 mg	2 ml
Orange (24-29 kg)	2 mg	2 ml
Green (30-36 kg)	2 mg	2 ml
40 kg	2 mg	2 ml
45 kg	2 mg	2 ml

WEIGHT CONVERSION

Always Document Weight in kg

COLOR	Kg	Pounds
Gray	3-5 kg	6-11 lbs
Pink	6-7 kg	13-15 lbs
Red	8-9 kg	17-20 lbs
Purple	10-11 kg	22-25 lbs
Yellow	12-14 kg	27-32 lbs
White	15-18 kg	34-41 lbs
Blue	19-23 kg	42-52 lbs
Orange	24-29 kg	54-65 lbs
Green	30-36 kg	67-80 lbs
40 kg	40 kg	90 lbs
45 kg	45 kg	101 lbs