



CPR Emergency Drugs and Doses

DRUG	Weight (kg)	2.5	5	10	15	20	25	30	35	40	45	50
	Weight (lb)	5	10	20	30	40	50	60	70	80	90	100
DOSE	ml	ml	ml	ml	ml	ml	ml	ml	ml	ml	ml	ml
Arrest	Epi Low (1:1000; 1mg/ml) every other BLS cycle x3	0.03	0.05	0.1	0.15	0.2	0.25	0.3	0.35	0.4	0.45	0.5
	Epi High (1:1000; 1 mg/ml) for prolonged CPR	0.25	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
	Vasopressin (20 U/ml)	0.1	0.2	0.4	0.6	0.8	1	1.2	1.4	1.6	1.8	2
	Atropine (0.54 mg/ml)	0.2	0.4	0.8	1.1	1.5	1.9	2.2	2.6	3	3.3	3.7
Anti-Arhyth	Amiodarone (50 mg/ml)	0.25	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
	Lidocaine (20 mg/ml)	0.25	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
Reversal	Naloxone (0.4 mg/ml)	0.25	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
	Flumazenil (0.1 mg/ml)	0.25	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
	Atipamezole (5 mg/ml)	0.06	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1
Defib Monophasic	External Defib (J)	10	20	40	60	80	100	120	140	160	180	200
	Internal Defib (J)	2	3	5	8	10	15	15	20	20	20	25

Figure 3: CPR drug dosing chart. Drugs are separated by indication and volumes are provided by body weight to reduce calculation errors. Defibrillator dosing is for a monophasic electrical defibrillator. Anti-arrhyth, antiarrhythmic drugs; CPR, cardiopulmonary resuscitation; Epi, epinephrine; Defib, electrical defibrillation.