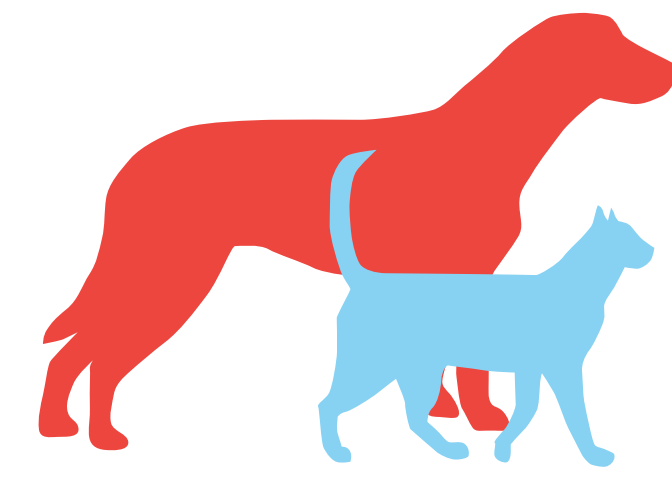


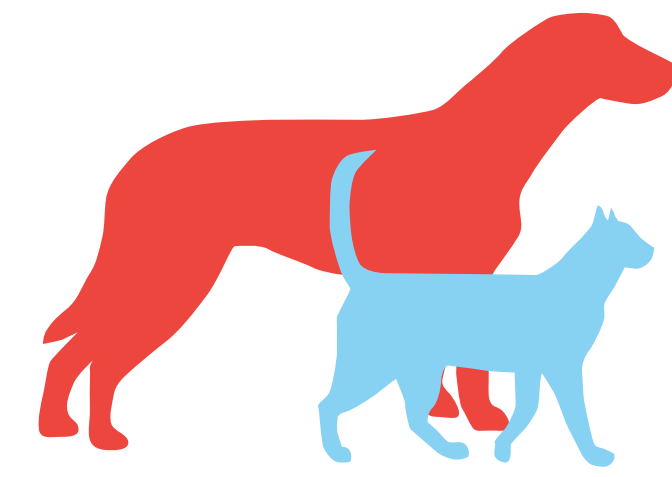
# CPR Dosing Chart for Dogs and Cats



		Weight (lb)	5	10	20	30	40	50	60	70	80	90	100
DRUG		DOSE	mL	mL	mL	mL	mL	mL	mL	mL	mL	mL	mL
Arrest	<b>Epinephrine</b> (1:1000; 1mg/mL)	<b>0.01 mg/kg</b>	<b>0.03</b>	<b>0.05</b>	<b>0.1</b>	<b>0.15</b>	<b>0.2</b>	<b>0.25</b>	<b>0.3</b>	<b>0.35</b>	<b>0.4</b>	<b>0.45</b>	<b>0.5</b>
	<b>Vasopressin</b> (20 U/mL)	<b>0.8 U/kg</b>	<b>0.1</b>	<b>0.2</b>	<b>0.4</b>	<b>0.6</b>	<b>0.8</b>	<b>1</b>	<b>1.2</b>	<b>1.4</b>	<b>1.6</b>	<b>1.8</b>	<b>2</b>
	<b>Atropine</b> (0.4 - 0.54 mg/mL)	<b>~ 0.05 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
Anti-Arrhythmic	<b>Amiodarone</b> (50 mg/mL)	<b>5 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Lidocaine</b> (20 mg/mL)	<b>2 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Esmolol*</b> (10 mg/mL)	<b>0.5 mg/kg</b>	<b>0.13</b>	<b>0.25</b>	<b>0.5</b>	<b>0.75</b>	<b>1</b>	<b>1.3</b>	<b>1.5</b>	<b>1.8</b>	<b>2</b>	<b>2.3</b>	<b>2.5</b>
Reversal	<b>Naloxone</b> (0.4 mg/mL)	<b>0.04 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Flumazenil</b> (0.1 mg/mL)	<b>0.01 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Atipamezole</b> (5 mg/mL)	<b>100 µg/kg</b>	<b>0.06</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.6</b>	<b>0.7</b>	<b>0.8</b>	<b>0.9</b>	<b>1</b>
Monophasic Defibrillation	<b>External Defib</b> (J)	<b>4 - 6 J/kg</b>	<b>10 J</b>	<b>20 J</b>	<b>40 J</b>	<b>60 J</b>	<b>80 J</b>	<b>100 J</b>	<b>120 J</b>	<b>140 J</b>	<b>160 J</b>	<b>180 J</b>	<b>200 J</b>
	<b>Internal Defib</b> (J)	<b>0.5 - 1 J/kg</b>	<b>2 J</b>	<b>3 J</b>	<b>5 J</b>	<b>8 J</b>	<b>10 J</b>	<b>15 J</b>	<b>15 J</b>	<b>20 J</b>	<b>20</b>	<b>20 J</b>	<b>25 J</b>
		Weight (lb)	5	10	20	30	40	50	60	70	80	90	100

\*Administer esmolol 0.5 mg/kg IV or IO over 3-5 minutes followed by a CRI at 50 mcg/kg/min

# CPR Dosing Chart for Dogs and Cats



		Weight (lb)	5	10	20	30	40	50	60	70	80	90	100
DRUG		DOSE	mL	mL	mL	mL	mL	mL	mL	mL	mL	mL	mL
Arrest	<b>Epinephrine</b> (1:1000; 1mg/mL)	<b>0.01 mg/kg</b>	<b>0.03</b>	<b>0.05</b>	<b>0.1</b>	<b>0.15</b>	<b>0.2</b>	<b>0.25</b>	<b>0.3</b>	<b>0.35</b>	<b>0.4</b>	<b>0.45</b>	<b>0.5</b>
	<b>Vasopressin</b> (20 U/mL)	<b>0.8 U/kg</b>	<b>0.1</b>	<b>0.2</b>	<b>0.4</b>	<b>0.6</b>	<b>0.8</b>	<b>1</b>	<b>1.2</b>	<b>1.4</b>	<b>1.6</b>	<b>1.8</b>	<b>2</b>
	<b>Atropine</b> (0.4 - 0.54 mg/mL)	<b>~ 0.05 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
Anti-Arrhythmic	<b>Amiodarone</b> (50 mg/mL)	<b>5 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Lidocaine</b> (20 mg/mL)	<b>2 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Esmolol*</b> (10 mg/mL)	<b>0.5 mg/kg</b>	<b>0.13</b>	<b>0.25</b>	<b>0.5</b>	<b>0.75</b>	<b>1</b>	<b>1.3</b>	<b>1.5</b>	<b>1.8</b>	<b>2</b>	<b>2.3</b>	<b>2.5</b>
Reversal	<b>Naloxone</b> (0.4 mg/mL)	<b>0.04 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Flumazenil</b> (0.1 mg/mL)	<b>0.01 mg/kg</b>	<b>0.25</b>	<b>0.5</b>	<b>1</b>	<b>1.5</b>	<b>2</b>	<b>2.5</b>	<b>3</b>	<b>3.5</b>	<b>4</b>	<b>4.5</b>	<b>5</b>
	<b>Atipamezole</b> (5 mg/mL)	<b>100 µg/kg</b>	<b>0.06</b>	<b>0.1</b>	<b>0.2</b>	<b>0.3</b>	<b>0.4</b>	<b>0.5</b>	<b>0.6</b>	<b>0.7</b>	<b>0.8</b>	<b>0.9</b>	<b>1</b>
Biphasic Defibrillation	<b>External Defib</b> (J)	<b>2 - 4 J/kg</b>	<b>5 J</b>	<b>10 J</b>	<b>20 J</b>	<b>30 J</b>	<b>40 J</b>	<b>50 J</b>	<b>60 J</b>	<b>70 J</b>	<b>80 J</b>	<b>90 J</b>	<b>100 J</b>
	<b>Internal Defib</b> (J)	<b>0.2 - 0.4 J/kg</b>	<b>1 J</b>	<b>2 J</b>	<b>2 J</b>	<b>3 J</b>	<b>4 J</b>	<b>5 J</b>	<b>6 J</b>	<b>7 J</b>	<b>8 J</b>	<b>9 J</b>	<b>10 J</b>
		<b>Weight (lb)</b>	<b>5</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>	<b>100</b>

\*Administer esmolol 0.5 mg/kg IV or IO over 3-5 minutes followed by a CRI at 50 mcg/kg/min