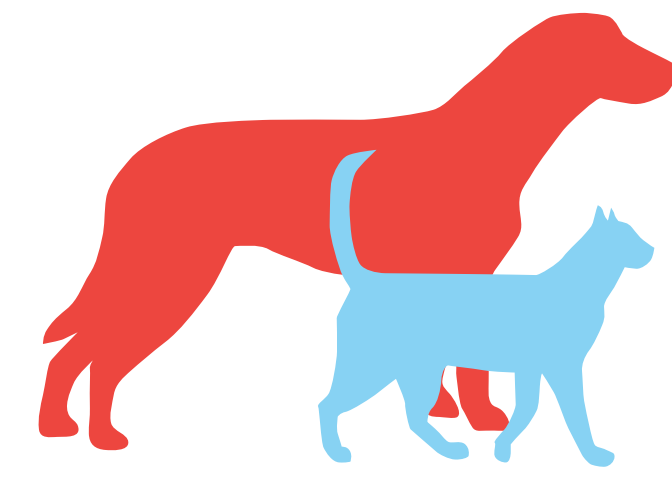


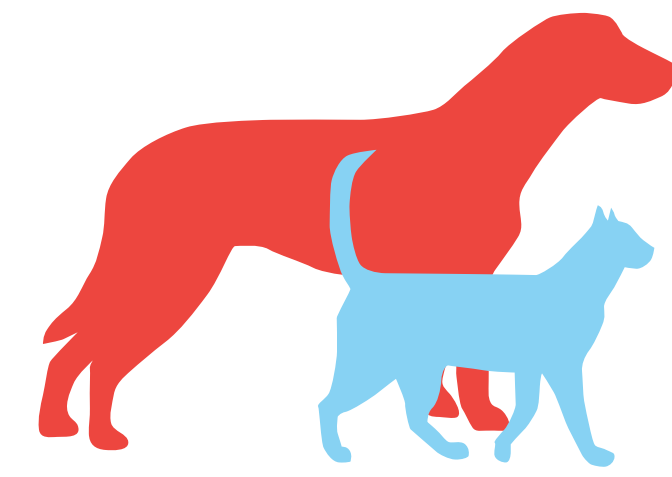
CPR Dosing Chart for Dogs and Cats



| | | Weight (kg) | 2.5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---------------------------|--|---------------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| DRUG | | DOSE | mL | mL | mL | mL | mL | mL | mL | mL | mL | mL | mL |
| Arrest | Epinephrine (1:1000; 1mg/mL) | 0.01 mg/kg | 0.03 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 | 0.45 | 0.5 |
| | Vasopressin (20 U/mL) | 0.8 U/kg | 0.1 | 0.2 | 0.4 | 0.6 | 0.8 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 |
| | Atropine (0.4 - 0.54 mg/mL) | ~ 0.05 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| Anti-Arrhythmic | Amiodarone (50 mg/mL) | 5 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Lidocaine (20 mg/mL) | 2 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Esmolol* (10 mg/mL) | 0.5 mg/kg | 0.13 | 0.25 | 0.5 | 0.75 | 1 | 1.3 | 1.5 | 1.8 | 2 | 2.3 | 2.5 |
| Reversal | Naloxone (0.4 mg/mL) | 0.04 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Flumazenil (0.1 mg/mL) | 0.01 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Atipamezole (5 mg/mL) | 100 µg/kg | 0.06 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
| Monophasic Defibrillation | External Defib (J) | 4 - 6 J/kg | 10 J | 20 J | 40 J | 60 J | 80 J | 100 J | 120 J | 140 J | 160 J | 180 J | 200 J |
| | Internal Defib (J) | 0.5 - 1 J/kg | 2 J | 3 J | 5 J | 8 J | 10 J | 15 J | 15 J | 20 J | 20 | 20 J | 25 J |
| | | Weight (kg) | 2.5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |

*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 (kg) | 2.5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|-------------------------|--|-----------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|
| DRUG | | DOSE | mL | mL | mL | mL | mL | mL | mL | mL | mL | mL | mL |
| Arrest | Epinephrine (1:1000; 1mg/mL) | 0.01 mg/kg | 0.03 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 | 0.45 | 0.5 |
| | Vasopressin (20 U/mL) | 0.8 U/kg | 0.1 | 0.2 | 0.4 | 0.6 | 0.8 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 |
| | Atropine (0.4 - 0.54 mg/mL) | ~ 0.05 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| Anti-Arrhythmic | Amiodarone (50 mg/mL) | 5 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Lidocaine (20 mg/mL) | 2 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Esmolol* (10 mg/mL) | 0.5 mg/kg | 0.13 | 0.25 | 0.5 | 0.75 | 1 | 1.3 | 1.5 | 1.8 | 2 | 2.3 | 2.5 |
| Reversal | Naloxone (0.4 mg/mL) | 0.04 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Flumazenil (0.1 mg/mL) | 0.01 mg/kg | 0.25 | 0.5 | 1 | 1.5 | 2 | 2.5 | 3 | 3.5 | 4 | 4.5 | 5 |
| | Atipamezole (5 mg/mL) | 100 µg/kg | 0.06 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 |
| Biphasic Defibrillation | External Defib (J) | 2 - 4 J/kg | 5 J | 10 J | 20 J | 30 J | 40 J | 50 J | 60 J | 70 J | 80 J | 90 J | 100 J |
| | Internal Defib (J) | 0.2 - 0.4 J/kg | 1 J | 2 J | 2 J | 3 J | 4 J | 5 J | 6 J | 7 J | 8 J | 9 J | 10 J |
| | | Weight (kg) | 2.5 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |

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