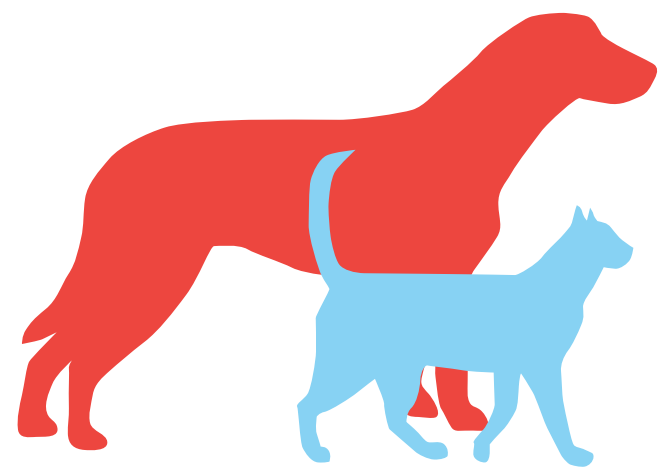


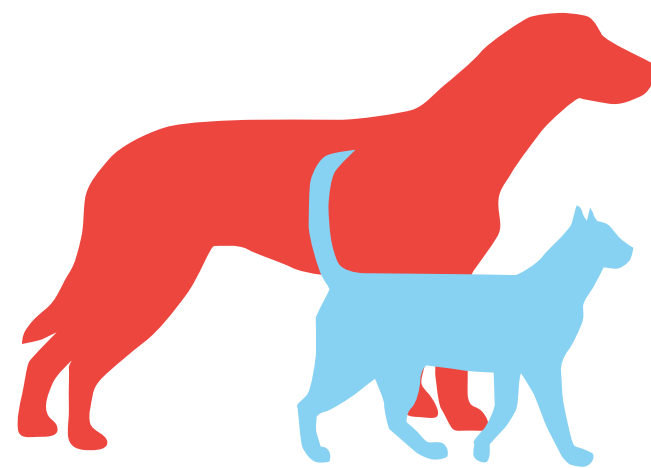
# CPR Dosing Chart for Dogs and Cats



|                           |                                 | 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<br>(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<br>(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<br>(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<br>(50 mg/mL)        | 5 mg/kg      | 0.25 | 0.5  | 1    | 1.5  | 2    | 2.5   | 3     | 3.5   | 4     | 4.5   | 5     |
|                           | Lidocaine<br>(20 mg/mL)         | 2 mg/kg      | 0.25 | 0.5  | 1    | 1.5  | 2    | 2.5   | 3     | 3.5   | 4     | 4.5   | 5     |
|                           | Esmolol*<br>(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<br>(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<br>(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<br>(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    |
|-------------------------|---------------------------------|----------------|------|------|------|------|------|------|------|------|------|------|-------|
|                         |                                 | DOSE           | mL   | mL   | mL   | mL   | mL   | mL   | mL   | mL   | mL   | mL   | mL    |
| Arrest                  | Epinephrine<br>(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<br>(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<br>(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<br>(50 mg/mL)        | 5 mg/kg        | 0.25 | 0.5  | 1    | 1.5  | 2    | 2.5  | 3    | 3.5  | 4    | 4.5  | 5     |
|                         | Lidocaine<br>(20 mg/mL)         | 2 mg/kg        | 0.25 | 0.5  | 1    | 1.5  | 2    | 2.5  | 3    | 3.5  | 4    | 4.5  | 5     |
|                         | Esmolol*<br>(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<br>(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<br>(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<br>(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