CPR Algorithm for Dogs and Cats

Start BLS

2 full minutes, no pauses

1. Chest Compressions
   100-120 / minute

2. Ventilation
every 6 seconds

Start ALS

3. Monitoring
   ECG
   ETCO₂ 18+ mmHg

4. IV Access

5. Reversals

Pause & Check

Rhythm Diagnosis
Pulse Palpation

< 10 seconds

No Pulse

Shockable
VF / Pulseless VT

BLS

Charge Defib
doze x2 after 1st

Pulse

ROSC

PCA Algorithm

No Pulse

Non-Shockable
Asystole / PEA

Epinephrine
or Vasopressin
every other cycle

Suggest
Atropine
once, as early as possible

Refractory Shockable
2 or more shocks

Suggest
Vasopressin or Epinephrine
every other cycle

Antiarrhythmics
Amiodarone in cats
Lidocaine in dogs
Esmolol

Prolonged CPR > 15 min

Shockable or
Non-Shockable

Suggest
Bicarbonate
especially if pH < 7.0