



**ICU Clinical Simulation
CPA/CPR During Anesthesia
“Sasha” Prep Sheet
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Sasha is a 3 yr old, 30 kg FS Shep X dog who presented for a femoral fracture that the orthopedic service has just surgically repaired. After completion of the surgery she is moved to ICU where she is to recover from anesthesia. Sasha is currently intubated and maintained on Sevoflurane while the team awaits the Ok to wake up from the orthopedic surgeon who is reviewing the post op radiographs. Because Sasha was painful and anxious prior to surgery it has been decided to maintain her on an infusion of dexmedetomidine and fentanyl during her stay in ICU. The ICU tech is in the process of preparing the analgesic infusion when they are called away to help with another case leaving the ICU team to manage recovery of the patient.

Anesthetic Premedication: Dexmedetomidine 5 mcg/kg + Hydromorphone 0.1 mg/kg

Induction: Propofol 3 mg/kg to effect

Maintenance: Sevoflurane

Adjunct drugs: Morphine 0.1 mg/kg epidural administration pre op

Current/Proposed Medication: Dexmedetomidine 1 mcg/kg/hr + Fentanyl 3 mcg/kg/hr

Post Op PCV/TP: PCV=33, TP = 5.8, Temp 100.1

Objectives:

- Rapidly diagnose Cardio Pulmonary Arrest (CPA) in an unresponsive patient
- Immediately initiate the BLS and ALS algorithms as soon as CPA is diagnosed or suspected
- Follow the BLS algorithm for chest compression and ventilation
- Administer ALS therapy for asystole according to the ALS algorithm

Roles:

- Veterinary ICU Staff x 4

SIMULATION GROUND RULES:

- Scrubs, name badges.
- NO pens in simulation room; pencils are provided
- Treat manikin like real patient
- Vegas Rules Apply...What happens in simulation stays in simulation