

Clinical Anesthesia Simulation

“Lucy” Prep Sheet

Lucy is a 3 yr old, 20 kg F Lab X dog who presents to the shelter medicine service for OVH

Premedication: Acepromazine 0.02 mg/kg + Hydromorphone 0.1 mg/kg

Induction: Propofol 3 mg/kg

Inhalant: Sevoflurane

Adjuncts: None

PCV/TP: See Blood Work

PE: HR = 120, RR = 16, MM Pint CRT < 2 sec

Fluid: LRS 10 mL/kg/hr using a 15 drop/mL IV set

Objectives:

- Demonstrate ability to correctly place physiologic monitoring equipment on an anesthetized patient.
- Mark and maintain an anesthetic record for an anesthetized canine patient
- Manage an anesthetized patient undergoing abdominal surgery
- Respond to Heart Rate, Heart Rhythm and Blood Pressure Changes in a timely and appropriate fashion.
- Initiate direct communication with surgery room team members
- Demonstrate ability to calculate and deliver fluid administration rates

Critical Actions:

- Properly Connect ECG Leads using ECG gel
- Correctly place Pulse Ox probe
- Correctly place NIBP cuff
- Correctly place esophageal stethoscope
- Correctly place temperature probe
- Correctly place airway sampling line
- Connect and deliver IV fluids at proper rate
- Appropriately respond to patient physiologic changes during surgery and anesthesia.
- Recognize and troubleshoot any monitor errors
- Recognize and troubleshoot any anesthetic machine and circuit errors
- Communicate effectively with surgical team members.

Roles:

- Primary Anesthetist/Secondary Anesthetist
- Surgeon/Surgical Assistant

SIMULATION GROUND RULES:

- Scrubs, stethoscopes, name badges.
- Simulation is clinical time, same guidelines apply
- Treat manikin like real patient
- Vegas Rules Apply...What happens in simulation stays in simulation