



Anesthesia and Surgery Clinical Simulation
Mocha Unknown Case
Simulation Prep Sheet
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Mocha is a 2 yr old, 34 kg F Lab X who presents for elective OVH.

Premedication: Hydromorphone 0.1 mg/kg + Acepromazine 0.05 mg/kg

Induction: Propofol 3 mg/kg

Inhalant: Isoflurane

Pre Op: PCV=42, TP = 6.5, Temp 101.4, HR 110, RR 16, CRT < 2 sec, MM Pink, Fasted for 12 hr, Resuscitation Code = Basic

Fluids: LRS 5 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 orthopedic 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
- Demonstrate ability to gown and glove using proper technique
- Demonstrate ability to maintain sterility in a surgical OR

Critical Actions:

- Properly Connect Vital Signs monitors
- 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.
- Maintain Sterility

Roles:

- Primary Anesthetist/ Secondary Anesthetist
- Surgeon/ Surgical Assistant

Simulation Ground Rules:

- Scrubs, stethoscopes, name badges.
- Treat mannequin like real patient
- No Pens in Sim Rooms, pencils will be provided
- Vegas rules apply... what happens in simulation, stays in simulation