Anesthesia and Surgery Clinical Simulation

Monitoring Anesthetized Patients
Simulation Prep Sheet
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Barney is a 3 yr old, 35 kg intact male lab cross who presents to the shelter medicine service for routine castration.
Premedication: Midazolam 0.2 mg/kg + Methadone 0.2 mg/kg, IM
Induction: Alfaxalone 2 mg/kg, IV
Inhalant: Isoflurane
PCV/TP: PCV 44, TP 6.4
TPR: Temp = 101.5; HR = 96; RR = 12, MM Pink, CRT < 2 sec
Fluids: LRS 5 mL/kg/hr delivered using a 15 drop/mL set
Resuscitation Code: Basic

Anesthesia Objectives:

- Demonstrate ability to correctly place physiologic monitoring equipment on an anesthetized patient.
- Mark and maintain an anesthetic record for an anesthetized canine patient
- Recognize, troubleshoot and correct monitor disconnections/errors
- Initiate direct communication with surgery room team members
- Demonstrate ability to calculate and deliver fluid administration rates

Anesthesia 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
- Recognize and troubleshoot monitor disconnections/errors
- Communicate effectively with surgical team.

Roles:

- Primary Anesthetist/Secondary Anesthetist - Surgeon/Surgical Assistant

SIMULATION GROUND RULES:

- Scrubs, caps, masks, name badges.
- Simulation is clinical time, same guidelines apply
- NO pens in simulation room; pencils are provided
- Handwash/Sanitizer before touching manikin/patient
- Treat manikin like real patient
- Vegas Rules Apply...What happens in simulation stays in simulation