### Hospital procedures, Occupational Safety and Health Administration (OSHA) regulations, hazardous waste management, radiation safety, basic cardiopulmonary resuscitation (CPR)

**Emphasis:** Hospital workflow, personnel safety, introduction to basic CPR

**Trainee role:** Observe anesthesia cases

### Introduction to the anesthesia machine

**Emphasis:** Identification and function of each piece of the anesthesia machine, including:
- How to choose an appropriate breathing circuit
- How to select the appropriate reservoir bag

**Trainee role:** Observe anesthesia cases

### Introduction to monitoring: ECG, ETCO₂

**Emphasis:** Normal vs. abnormal

**Trainee role:** Work directly with mentor performing basic ASA1-2 anesthesia cases

### Introduction to monitoring: SpO₂, BP, temperature

**Emphasis:** Normal vs. abnormal

**Trainee role:** Work directly with mentor performing basic ASA1-2 anesthesia cases

### Introduction to pharmacology: common premedications

**Emphasis:** Phenothiazines, alpha-2 agonists, dissociatives

**Trainee role:** Work directly with mentor performing basic ASA1-2 anesthesia cases

### Introduction to pharmacology: opioids

**Emphasis:** Identification of each receptor class

**Trainee role:** Work directly with mentor performing basic ASA1-2 anesthesia cases

### Introduction to pharmacology: local anesthetic agents

**Emphasis:** Lidocaine, bupivacaine

### Introduction to pharmacology: induction agents

### Inhalant anesthesia

### Pain-management workshop

**Emphasis:** Pain pathway, multimodal anesthesia, regional blocks

### Anesthesia for comorbidities

**Emphasis:** Considerations for specific disease comorbidities

### Emergency anesthesia

**Emphasis:** CPR review, emergency anesthetic techniques

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(ASA1-2); American Society of Anesthesiologist Patient Status Scale = Normal healthy patient or patient with mild systemic disease

Learn more about the 2020 AAHA Anesthesia and Monitoring Guidelines for Dogs and Cats at aaha.org/anesthesia.

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