Preparing For the UCSF AAALAC Site Visit: October 15 – 18, 2018

QUIZ TIME!

Your name:

Your PI or Department:

AAALAC 2018
Quiz #1: Colored cards, tags and stickers on Rodent Cages – Match the color to its meaning or meanings

KEY

A) Pink
B) Green
C) Red
D) Yellow
E) White

1. New litter – with wean date
2. Sick animal
3. Surgery
4. Mouse or Rat lives alone
5. Biohazardous agent
6. Veterinary treatment card
7. Chemical hazard
Quiz #2: The LARC Animal Technician decides this cage needs to be changed.

What should the technician do?

A. Wait until the Biohazard tag is gone before working with these mice.

B. Page the veterinarian to open the labeled cage.

C. Contact the lab members to change the cage.

D. Nothing. Biohazard cages must never be opened while the label is on.
Quiz #3: What must I wear???

3A: True or False: I must wear what the sign on the door says to wear.
Quiz #3: What must I wear???

3B: What does this sign tell you to wear?

A. Head cover, laser eyewear, gown, gloves, and shoe covers

B. Head cover, gown, gloves, and shoe covers

C. Head cover, surgery mask, gown, gloves, and shoe covers

D. Gown and gloves
Quiz #4: Avoid exposure to animal allergens – even if you are not allergic

All of the following items or actions limit the spread and exposure of allergens EXCEPT for:

A. A cheap dust mask from Amazon

B. A true respirator, after a fit test with EH&S

C. Using a HEPA-filtered vacuum cleaner for animal fur clippings

D. Changing soiled cages in a change station with the blower ON

E. Reporting your animal and other allergies on your animal Medical Health Surveillance (MHS) questionnaire
Quiz #5: One of these rooms is almost ready for a mouse surgery; choose the room:

A. This nice clean uncluttered room
B. This horrible messy room
Quiz #6: “Tips-only” rodent sterile surgery

Instrument tips are sterile, and can come in contact with animal tissue; handles are not sterile.

Quiz: What can you touch with non-sterile gloves?
Quiz #7: What are your analgesic commitments?

Protocol Section I says a mouse who has surgery get these analgesics:

<table>
<thead>
<tr>
<th>Agent</th>
<th>Dose Range (mg/kg)</th>
<th>Route</th>
<th>Frequency / Total Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5% Lidocaine and/or 0.25% Bupivacaine</td>
<td>Not to exceed 7 - 8</td>
<td>Local infiltration at surgical site</td>
<td>Once at time of procedure</td>
</tr>
<tr>
<td>Buprenorphine (sustained release)</td>
<td>1.5 mg/kg</td>
<td>SQ</td>
<td><strong>once</strong> at time of procedure</td>
</tr>
<tr>
<td>Meloxicam</td>
<td>5 - 10</td>
<td>SC or IP or PO</td>
<td><strong>Once</strong> at time of procedure and <strong>second dose</strong> the next morning</td>
</tr>
</tbody>
</table>

Each mouse gets a total of:

A. 2 doses of buprenorphine and 2 doses of meloxicam
B. 1 dose of buprenorphine, meloxicam only if surgeon wants to
C. 1 dose of buprenorphine and 2 doses of meloxicam
D. 2 doses of buprenorphine and 1 dose of meloxicam
Quiz #8: Pain Management after surgery

Your **protocol** calls for pain medication on the morning after surgery for all animals, but your animal looks pretty good, just a little **squinting**: 

You should:

A. Discontinue pain medications immediately and document it 
B. Call a veterinarian immediately 
C. Follow your protocol: administer medication & document 
D. Discontinue “day after” pain medication for all animals on protocol
**Quiz #9: Rodent Anesthesia and Surgery – Human health and safety.**

MATCH the hazard (left) to recommended ways to minimize it (right)

<table>
<thead>
<tr>
<th>Hazard</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Isoflurane exposure when you open the induction chamber to take the mouse out.</td>
<td>A. Wear eye protection (goggles) when handling hazardous liquids</td>
</tr>
<tr>
<td>2) Needle stick to your finger</td>
<td>B. Use a nosecone that fits the mouse, and weigh the charcoal canister at the start of every surgery session</td>
</tr>
<tr>
<td>3) Isoflurane exposure while animal is in nosecone mask</td>
<td>C. Induce anesthesia in a fume hood, or flush isoflurane from the induction chamber</td>
</tr>
<tr>
<td>4) Splash to eye while injecting viral vectors or other hazardous agents</td>
<td>D. Do not recap needles for disposal!!</td>
</tr>
</tbody>
</table>
Quiz #10: Who are you going to call?

1) I want to report an Animal Welfare Concern.

2) My fish is sick and it’s Saturday night! I need a vet now!

3) Ouch! I got a needle stick! The mouse bit me!

4) I want to do some pilot studies today and my PI forgot to put them in the protocol.

5) I want to wear a respirator.