



September 2022 Newsletter

IACUC Drug Alert

The IACUC Office would like to make you aware of the following alert and exemption related to the Policy [Injectable Agents \(PDF\)](#) :

Some injectable analgesics include the **expiration date and the maximum number of vial punctures as a set point for expiration**. Thus far, we know that this affects meloxicam from Alloxate, Loxicom and Eloxiject. Both manufacturers allow a maximum of 51 vial punctures, or storage of up to 180 days after the first puncture, whichever comes first. Importantly, these conditions apply to both the stock bottle and the working containers (for example dilutions produced by the laboratory).

IMPORTANT: The user should write on the bottle the date of the first puncture. If necessary, the user should record the number of punctures per bottle. Each user can decide how they will keep track of the number of punctures within the 180-day period and can contact their respective DARs for advice.

Additional information can be found here: [Drug Alert for Injectable substances used in animals with limited number of punctures and expiration date](#)

Exemption to the Injectable Agents Policy

Exemption for using **single-dose non-bacteriostatic saline and water**: The exemption allows the use of the single-dose saline and water for all routes, up to 30 days. The solution must be filtered with a sterile 0.22 µm or smaller porosity filter. The filtration process must be done every time for all routes of administration past 24 hours, except for SC administration which is allowed, without filtration, for up to 30 days. Use in immunocompromised animals is still limited to the first 24 hours.

This exemption is only applicable to mice, rats, hamsters, voles, spiny mice, gerbils.

Additional information can be found here: [Exemption for using single-dose non-bacteriostatic sterile injectable saline or water](#)

Please contact your Division of Animal Resources (DAR) for advice.

Updated Standard Procedure for Meloxicam dosing in Mice

On August 17, 2022, the IACUC voted to increase the frequency of dosing of meloxicam to twice a day as reasonably as possible to 12 hours apart at the same dose (5mg/kg) in mice to provide better pain coverage.

Please ensure that all members of your research team are aware of this change.

How will this affect you and your protocol?

- The standard procedures for meloxicam in mice (oral and injectable) will be updated to say “twice a day as reasonably as possible to 12 hours apart at the same dose (5mg/kg)” instead of “every 24 hours”.
- If you have meloxicam in your current protocol(s), the current standard procedure for Meloxicam will show as ## ARCHIVED##.
- If you have meloxicam in your current protocol(s), you can keep using it at the 24-hour interval until the next time your protocol is renewed or amended.

- As protocols are renewed, Meloxicam usage will be reviewed by the veterinarian and recommendations for changes in dosing interval might be made based on type of procedures/surgeries being performed.
- Below are options to consider for including the increased dosing interval in your IACUC protocol.

Name of standard procedure in eIACUC	At time of Surgery/Procedure	Post-Op Period	Comments
Meloxicam twice a day SQ or PO	1 dose meloxicam given SQ or PO	Meloxicam twice a day, SQ or PO.	PO = oral suspension
Meloxicam SR	1 dose of meloxicam Sustained Release (SR) given SQ	Meloxicam SR given every 24 hours (once a day), SQ	Meloxicam SR requires a prescription from DAR/EPC Vet.

IACUC Policies Updates

The IACUC recently reviewed and updated the following policies. Please ensure that you review these updated policies if they apply to your research.

[Stabilization of Animals Before Use in Research \(PDF\)](#) Newly received animals should be given a period for physiologic, behavioral, and nutritional acclimation before their use, regardless of whether the animals are quarantined. Healthy, well-stabilized animals provide reliable and repeatable data.

[Genotypic and Phenotypic Monitoring of Genetically Manipulated Animals \(PDF\)](#) This policy outlines expectations and procedures to monitor the phenotype and genotype of genetically modified animals (GMAs) and a reporting process must be in place to notify the IACUC of unexpected phenotypic outcomes that adversely affect the health and well-being of the animals.

The winners of the goodie bags for the August quiz related to the Multiple Survival Surgery was Dr. Glenda Keating. Thank you for participating!

QUESTION: Are multiple MINOR survival surgeries considered Multiple Survival Surgeries? **ANSWER:** TRUE

We invite you participate in the monthly drawing of a goody bag by answering a question about the Genotypic and Phenotypic Monitoring of GMAs policy. Click [HERE](#) to participate [make sure you check to see the correct answer]

Semiannual Site Inspections 2022 Period 2

June 1st was the beginning of the second reporting period for site inspections in 2022. **These inspections will be conducted in person.** Here are the upcoming inspections for EPC and SOM DARs facilities and research spaces that have been approved for bringing animals to the lab:

Building	Date
EPC –Rodents	9/8/2022
EPC Field Station	9/13/2022
PAIS	9/20/2022
Rollins (Facilities and Labs)	9/22/2022
HSRB (Facilities and Labs)	9/29/2022

In preparation for the site inspections, researchers will receive notification emails from the IACUC Office regarding the date, time, and the site inspection checklist to prepare for the inspection.

IACUC Events

IACUC's Virtual Lunch is on 9/19/2022

You are invited to our second IACUC Virtual Lunch. This will be an interactive session to discuss frequent asked questions related to the Injectable Agents Policy. The topics to discuss are, but not limited to:

Exemption to single-dose preservative-free saline and water

Number of punctures in injectables such as Meloxicam

Mix of preservative-free (diluent or drug) with preservative (diluent or drugs) solutions

Bup HCl and Bup SR

Use of the multi-adaptor to facilitate multiple draws

We will have a drawing at the end of the session! Please send your questions to iacuc@emory.edu

When: September 19, 2022 12:00 PM Eastern Time (US and Canada)

Register in advance for this event: click [HERE](#)

After registering, you will receive a confirmation email containing information about joining the meeting.

IACUC Voluntary Self-paced Continuing Education

The IACUC Office is sponsoring a VOLUNTARY Continuous Education opportunity for personnel handling animals or who are related to animal care and use (researchers, animal care staff, faculty, administrators, members of the IACUC).

Individuals who receive a completion certificate for at least one course from the list provided below will be invited to a luncheon with the Institutional Official, Dr. Robert Nobles. The first luncheon will be held early in December.

The list of courses from the AALAS Learning Library to complete at your own pace and voluntary

- Common Health Conditions of Mice (multiple modules)
- Maintaining Animal Procedure Areas
- Common Compliance Issues
- Refresher working with the IACUC
- AVMA Guidelines for Euthanasia of Animals 2020
- Transgenic Animals (multiple modules)

Again, this is a VOLUNTARY self-paced continuing education initiative and will not influence your IACUC protocol.

At least **one** of the courses will need to be completed in the AALAS Learning Library between September and November 30, 2022.

Submit your certificate of completion to iacuc@emory.edu.

Communications to the IACUC Office

If you receive an “out of office” message from members of the IACUC office, please forward your inquiry to iacuc@emory.edu. We want to make sure that we don’t miss your important messages.

Protocol Submission deadlines

The IACUC Committee meets on **the 1st and 3rd Wednesdays of the Month**. Deadlines for FCR review are the Wednesday one week PRIOR to the meeting date for the agenda to be disseminated to members. DMR reviews are rolling submissions and do not have a “deadline”.

Thank You! – The IACUC Office