What if you see ...?

Analgesics must be administered as outlined in the UCUCA-approved protocol. When “as needed” analgesics are specified, animals must be monitored for signs of pain, and treated accordingly.

Listed below are easily identifiable indicators of pain in mice. This is neither a comprehensive nor specific list, and as such, other observations should be taken into account when assessing pain status in mice. Please contact ULAM veterinary staff for additional assistance with identification and/or treatment of pain.

Dynamic cage side tests for pain-related depression of nesting:

Zone Clearance Test
1. Remove the existing nest.
2. Cut a nestlet square into 6 pieces and place at 6 zones as pictured below.
3. Measure how many of these zones were cleared after 100 minutes. Possible scores range from 0 to 5.

Time to Integrate into Nest Test (TINT)
1. Add a quarter of a nestlet to the mouse cage.
2. Observe the nesting behavior immediately thereafter.

Positive TINT = the square is missing from its original location after 10 minutes.

Negative TINT = square remains in the original location after 10 minutes and so, additional observations are needed to determine if the mice require veterinary attention.

Appendix

For information on how to carry out these tests, please watch the following video:

References
5. Positive TINT = the square is missing from its original location after 10 minutes. Negative TINT = square remains in the original location after 10 minutes and so, additional observations are needed to determine if the mice require veterinary attention.

Appendix

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