

Policies and Procedures

SECTION: ARF	NUMBER: 7.01			
CHAPTER: Miscellaneous Experimental Animal Use Policies	ISSUED: 11/2007	REV. A: 4/7/09	REV. B: 11/2012	REV. C: 4/27/15
POLICY: Radio use policy	REV. D: 08/2016	REV. E:	PAGE 1 OF 1	

Purpose

The purpose of this policy is to define the acceptable use of radios within animal housing and procedure areas. This procedure is approved by the Creighton University Institutional Animal Care and Use Committee (IACUC). All investigators will follow this policy unless scientific justification is provided and approved by the IACUC.

Background

Exposure to sound louder than 85dB can have both auditory and non-auditory effects on animals, including eosinopenia, increased adrenal weights, and reduced fertility in rodents, as well as increased blood pressure in nonhuman primates. Many species can hear frequencies of sound that are inaudible to humans, so the potential effects of sound-producing instruments such as radios should be carefully considered. When at all possible, activities that might be considered noisy should be conducted in rooms or areas separate than those designated for animal housing.

Per the 1996 ILAR Guide for the Care and Use of Laboratory Animals, (the Guide), page 36:

"Radios, alarms, and other sound generators should not be used in animal rooms unless they are part of an approved protocol or an enrichment program.

Policy

Playing radios is not allowed unless it is part of an enrichment program that has been reviewed and approved by the IACUC. Species which may use radios as part of an environmental enrichment program include dogs, rabbits and guinea pigs.

Any radios or sound generators used should be switched off at the end of the working day to minimize associated adverse physiologic changes (the Guide p 50).

Proposals to the IACUC must include at least the following information:

1. The reason for the radio.
2. Specific location(s) radio(s) will be played.
3. The type of programming and volume.
4. The hours the radio will be played.

References

2011 ILAR Guide for the Care and Use of Laboratory Animals