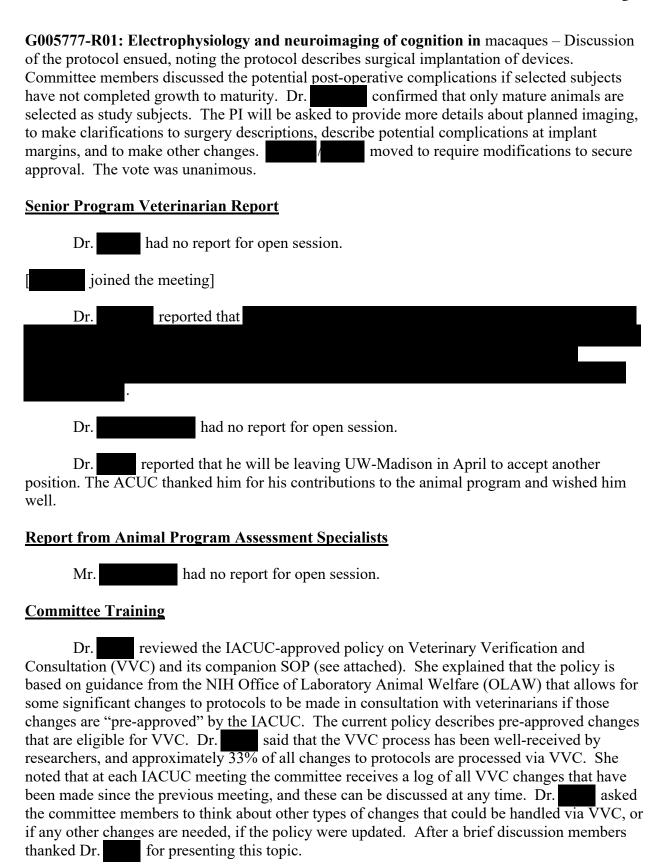


College of Letters and Science and Vice Chancellor for Research and Graduate Education Centers Animal Care and Use Committee Open Session - February 21, 2020

Present (voting):
Present (nonvoting):
Guests:
Absent:
Dr. called the meeting to order at 10:30 a.m.
Approval of Open Session Minutes of January 24, 2020
moved to approve the minutes with minor editorial modifications. The vote was unanimous with voting present.
Annual Updates (February)
moved to approve the annual updates. The vote was unanimous with Colman abstaining.
Logs: Designated Review/other (February)
The committee reviewed and briefly discussed the designated review and veterinary verification and consultation (VVC) logs.
joined the meeting]
Protocol Review



Other Business

The committee briefly discussed a recently-submitted amendment to an approved protocol that adds a new species on which all work will occur in facilities overseen by a different IACUC. The committee agreed that the new species work should be described in its own protocol and will direct the PI to withdraw the amendment and submit a stand-alone protocol.

Ms. gave a brief update on discussions by a working group that is exploring options for large animal disposal. She asked committee members who receive questions from PIs about this subject to direct the PIs to contact her directly.

Dr. called for other business for Open Session. Hearing none,

moved to adjourn into Closed Session for discussion of research protocols or other documents containing confidential proprietary information and personnel matters relating to such research protocols, pursuant to Wisconsin Statutes Section 19.85(1)(c), (d), (e), (f) and (g). seconded. The vote was unanimous by roll call.

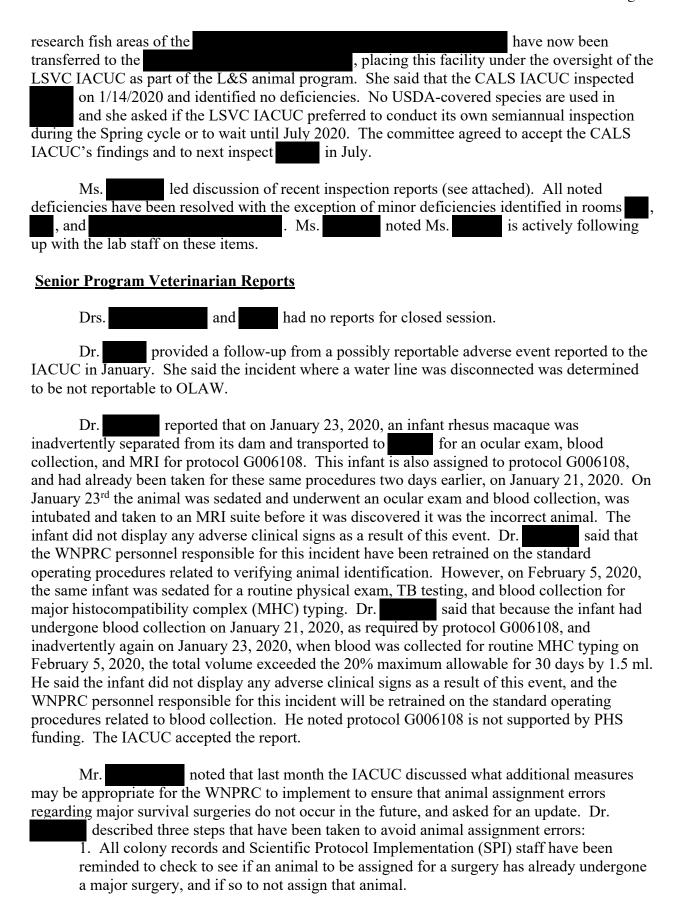
The meeting was adjourned from Closed Session without reconvening into Open Session.





College of Letters and Science and Vice Chancellor for Research and Graduate Education Centers Animal Care and Use Committee Closed Session - February 21, 2020

Present (voting):	
Present (nonvoting):	
Guests:	
Absent:	
Approval of Closed So	ession Minutes of January 24, 2020
vote was unanimous w	moved to approve the minutes with minor editorial modifications. The ith voting present.
Inspection Reports	
noted that a p arrangements will be m	the test for the scheduled Spring 2020 inspections was circulated. Ms. lace-holder date for the inspection is included. Final made with committee members interested in this inspection. Ms. the assignment of two animal facilities new to the LSVC IACUC (see
College of Agricultural administratively by the (OVCRGE). Therefore of the OVCRGE animal Program Description for USDA-covered species	while physically located in the building overseen by and Life Sciences (CALS) IACUC, is supported financially and Office of the Vice Chancellor for Research and Graduate Education a LOCI properly belongs under the oversight of the LSVC IACUC as part of program. She said LOCI will be included in the 2020 AAALAC or OVCRGE, and the LSVC IACUC will inspect LOCI in April 2020. No sare used at LOCI. Ms. then explained that due to an med between CALS and the College of Letters and Sciences (L&S), the



- 2. Assignment forms have been revised to more clearly indicate the type of surgery an animal has undergone in its past.
- 3. Pre-project physicals performed by veterinary staff now require a specific check of the animal's surgical history for previous major survival surgeries.

Mr. had no report for closed session.
<u>Personnel</u>
The committee reviewed Dr. (see attached). Mr. commented that the individual mentioned in the report as taking the lead for laboratory husbandry is a long-time lab member and is responsible. Dr. asked about the water leaks mentioned in the report. Mr. said that the leaks were caused by flash melting of snow on the building roof and the rooms affected did not have animals in them at the time of the leak. He said roof repairs have been scheduled. The committee accepted the report. Mr. said that he will assume future post-approval monitoring checks of Dr. 's areas.
Other Business
Dr. called for other business for Closed Session. Hearing none, Dr. adjourned the meeting from closed session at 12:00 p.m.

Health/Animal Care Checks:

Daily Checks: Daily checks were conducted by both ARTs and lab members (e.g., graduate/undergraduate students) and recorded on door sheets and on an online spreadsheet visible by all lab members, with the exception that animals were housed in the colony room 20 Dec – 6 Jan. The time for the lab member checks (i.e. signing the doorsheets) are now scheduled for morning (<i>I occasionally approve a later check if there is a timing problem</i>). The PI, and were regularly checking door sheets after 1pm and the online spreadsheet to make sure that students conducting checks properly and timely. The PI, and/or assigned substitute, has also been informally signing the door sheet. The online sing up/ alert system has been working. The door sign up sheet check has been switched to substitute, see below, with Dr.
Weekly: Weekly tasks were conducted by graduate students with undergraduate student help and recorded on door sheets and on an online spreadsheet visible to all lab members. The PI and have been regularly checking the spreadsheets to make sure that students are using it properly and timely. These weekly tasks are now typically conducted on Wednesdays.
Biweekly: Biweekly tasks were conducted by graduate students with undergraduate student help and recorded on door sheets and on an online spreadsheet visible by all lab members. The PI and have been regularly checking the spreadsheets to make sure that students are using it properly and timely. These biweekly tasks are now typically conducted on Wednesdays.
Monthly: Monthly tasks were conducted by graduate students and recorded on door sheets and on an online spreadsheet visible by all lab members. The PI and have been regularly checking the spreadsheets to make sure that students are using it properly and timely. These monthly tasks are now typically conducted on Wednesdays.
Racks: Because the racks cannot all be cleaned at the same time, these are cleaned on the first or last week of the month with a maximum of 4 weeks between cleaning.
The PI or checked the door sheets every week on the following dates to verify checks were done and daily, weekly, biweekly, and monthly tasks were recorded as having been done on schedule:
As requested, for the period of 8/1/2019 – 10/15/19 – 10/15/19 checks occurred on November 6, 13, 20, 27; December 4,11,18, 25* ; January 1* , 8, 15,22,29 * animals in the colony room

Changes within the Lab:

- 1. A new grant has been approved for funding.
- 2. Door sheets for animal rooms are generally signed in the morning. There has been no need to contact students about missing door sheet checks these past three months.
- 3. graduated from UW Madison. He has been working with the colony for several years and is extremely attentive to details and reliable. He will be overseeing the colony for

- one year. Over the summer we will be advertising for a long term Colony manager/Lab technician.
- (possibly Room and Hallway). We are being updated as to how much disturbance this will cause and for how long. As a cautionary measure we will be moving animals to the other part of the animal wing and will need to eventually obtain approval for using animals in two rooms that were previously on the protocol, removed, and will need to be reinstated.

Training has advanced for new lab members and updated for returning lab members:

1. RARC Mouse handling course completed:

(10/2/19) (10/28/19)

2. Training with

(10/4/19) (10/15/19 (10/15/19

University of Wisconsin-Madison, Research Animal Resources and Compliance Standard Operating Procedures for Veterinary Verification and Consultation (VVC)

IACUC Approved Reference Materials:

Anesthesia, analgesia, or sedation to referenced drugs and dosages for the species.

ACLAM e-Formulary App

RARC Anesthesia and Analgesia Formulary

Association of Primate Veterinarians Formulary

Nonhuman Primates in Biomedical Research: Biology and Management, ACLAM Series, Elsevier, 2012

Nonhuman Primates in Biomedical Research: Diseases, ACLAM Series, Elsevier, 2012

Laboratory Animal Medicine, ACLAM Series, Elsevier, 2002

The Laboratory Primate, The Handbook of Experimental Animals, Elsevier, 2005.

WNPRC SOP 1.07 - Chemical Restraint (Injectable Agents)

WNPRC SOP 3.02 - Inhalant Anesthesia Induction, Maintenance, and Recovery

WNPRC SOP 3.20 - Treatment Ordering and Administration

Harkness and Wagner's Biology and Medicine of Rabbits and Rodents

Flecknell's Laboratory Animal Anesthesia

Plumb's Veterinary Drug Handbook

Hawk and Leary's Formulary for Laboratory Animals

Fowler's Zoo and Wildlife Medicine

Lumb and Jones Veterinary Anesthesia and Analgesia

Quesenberry and Carpenter's Ferrets, Rabbits and Rodents Clinical Medicine and Surgery

Fish and Danneman Anesthesia and Analgesia of Laboratory Animals

Flecknell and Waterman-Pearson's Pain Management in Animals

Fish et. al. Anesthesia and Analgesia in Laboratory Animals

American College of Laboratory Animal Medicine Series

Muir et. al. Handbook of Veterinary Anesthesia

Manual of Equine Emergencies - Orsini and Divers

Swine in the Laboratory - M. Michael Swindle

Goat Medicine - second edition by Mary C. Smith and David Sherman

Hagyard Pharmacy mobile formulary

Experimental substances including a change in test compound, dose, or route of administration.

Policy 2010-037-io: Policy on the Use of Nonpharmaceutical-Grade Compounds in Research Animals

RARC Blood Sampling Guidelines

Hawk and Leary's Formulary for Laboratory Animals

American College of Laboratory Animal Medicine Series

Journal publications (peer reviewed)

Selected WNPRC SOPs

Diehl et al. A good practice guide to the administration of substances and removal of blood, including routes and volumes. J App Tox. 2001; 21:15-23.

Euthanasia

AVMA Guidelines for the Euthanasia of Animals

Latest edition unless otherwise noted.

RARC Euthanasia by Species

Duration, frequency, type, or number of procedures performed on an animal

American College of Laboratory Animal Medicine Series

Journal publications (peer reviewed)

Policy 2007-032-v: Tumor Burden in Rodents

Policy 2010-038-v: Genotyping of Mice and Rats

Policy 2012-049-v: Laboratory and Teaching Animal Adoption

Policy 2014-054-v: Animal Transfer and Reassignment

WNPRC SOP 1.11: Food Deprivation

WNPRC SOP 3.20: Treatment Ordering and Administration

WNPRC SOP 4.01: Blood Sampling WNPRC SOP 4.02: Injection Techniques

Increase in animal numbers

Policy 2013-051-c: Justification of number of animals in protocols

Examples:

1. Can VVC be used if an investigator realizes, months after protocol approval, that there is a need for a one-time tail vein blood withdrawal? The original protocol does not mention any blood withdrawal. The IACUC has an approved VVC policy and has an approved policy for tail vein collection that defines allowable volume per blood draw and frequency. The investigator's request for approval of the one-time withdrawal meets all of the requirements of the approved policy.

No, the VVC process may not be used to add a new procedure to a previously approved protocol (per OLAW online office hour, 12/3/2015).

2. Can VVC be used if an investigator realizes that an additional cardiac procedure is needed (in this case, it includes anesthesia, venous cut-down, cardiac catheterization, closure and recovery) after the protocol has been approved?

The approved protocol specifies four procedures and the PI requests a 5th.

The IACUC has an approved policy that permits VVC. They also have an approved policy that permits up to six catheterizations.

Yes, the VVC process can be used to administratively handle this significant change for the following reasons (per OLAW online office hour, 12/3/2015):

- The IACUC has approved policies in place
- The request is a significant change to an already approved procedure
- The veterinarian confirms that the policies are being applied appropriately
- After protocol approval, an investigator learns that a drug to be used in the project is no longer available as a
 pharmaceutical-grade substance. Can VVC be used to change from a pharmaceutical-grade substance to a nonpharmaceutical grade substance if consistent with Policy 2010-037.

Yes, the VVC process can be used to administratively handle this significant change for the following reasons:

- The IACUC has approved policies in place
- The request is a significant change from a compound already approved in the protocol to another formulation of the same compound
- The veterinarian confirms that the policies are being applied appropriately

4. After protocol approval, a PI realizes that he needs to genotype the animals at 14 days of age rather than 4 weeks as approved in the protocol. An RARC veterinarian recommends that he use tail tipping rather than an ear punch at that age. The requested change is consistent with Policy 2010-038: Genotyping of rats and mice. Can VVC be used?

Yes, the VVC process can be used to administratively handle this significant change for the following reasons:

- The IACUC has an approved policy in place
- The request is a significant change to an already approved procedure
- The veterinarian confirms that the policies are being applied appropriately

History: Approved by SVM ACUC 2016 02 09, CALS ACUC 2016 02 18, LSVC ACUC 2016 02 19, and SMPH ACUC 2016 03 07; Amended by SMPH ACUC, CALS ACUC, LSVC ACUC, SVM ACUC 1/2018 and 3/2018.

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URL: https://www.rarc.wisc.edu/iacuc/acapac/vvc_sop.html

Last update: 2019-05-30 22:57:25



University of Wisconsin-Madison, Research Animal Resources and Compliance

Policy Number: 2016-058-c

Policy Title: Veterinary Verification and Consultation (VVC)

Purpose: Allows for certain significant changes to be preapproved by the IACUC and verified by a research veterinarian. This policy will facilitate and speed protocol revisions, improve compliance, and reduce the regulatory burden on UW Pls. **Policy:** In August, 2014 OLAW provided new guidance on Significant Changes to Animal Activities NOT-OD-14-126 in an effort to support the use of performance standards and professional judgment and to reduce regulatory burden.

At UW-Madison, the following significant changes to an IACUC protocol may be handled administratively without review by full committee or designated member review.

Only the UW Madison Chief Campus Veterinarian or delegates (see attached list) may administratively verify changes through Veterinary Verification and Consultation (VVC) if changes are consistent with policies (guidance documents, SOPs and formularies) previously approved by the IACUCs. These changes may include:

- 1. Anesthesia, analgesia, or sedation to referenced drugs and dosages for the species.
- 2. Experimental substances including a change in test compound, dose, or route of administration as long as the change does not result in a change in study objectives or greater pain, distress, or degree of invasiveness.
- 3. Euthanasia to any method approved in the current AVMA Guidelines for the Euthanasia of Animals .
- 4. Duration, frequency, type, or number of previously approved procedures performed on an animal as long as the change does not result in greater pain, distress, or degree of invasiveness. For some procedures, different variations of the procedure can be approved (i.e. blood draw type).
- 5. An increase in previously approved animal numbers so long as the increase is justified and in accordance with Policy 2013-051-c.
- A change in location from one ACUC-approved housing or procedure space to another approved space within the reviewing ACUC's oversight.
- 7. A change in the source of animals.
- 8. A change in the disposition of animals.

The significant changes described above, may be handled administratively according to IACUC-reviewed and -approved policies in consultation with a veterinarian authorized by the IACUC. The veterinarian is not conducting DMR, but is serving as a subject matter expert to verify that compliance with the IACUC-reviewed and -approved policy is appropriate for the animals in this circumstance.

Consultation with the veterinarian must occur before any change in work is started and must be documented. A list of changes administratively handled by VVC will be provided to the IACUC at least quarterly. The veterinarian may refer any request to the IACUC for review for any reason and must refer any request that does not meet the parameters of the IACUC-reviewed and -approved policies. The following significant changes may not be handled administratively by VVC and must undergo either full committee or designated member review.

- From non-survival to survival surgery
- 2. Resulting in greater pain, distress, or degree of invasiveness
- 3. In housing or use of animals in a location that is not part of the animal program overseen by an IACUC.
- 4. In study objectives
- 5. In Principal Investigator
- 6. That impact personnel safety
- 7. From euthanasia method approved in the AVMA Guidelines for Euthanasia to one that is not.
- 8. Addition of new procedure type

See companion SOP for specific examples and a list of guidance documents, SOPs, and formularies currently approved

by the IACUCs for VVC

Author:

ePublication Date: 2016 03 XX (orig.)

History: Approved by SVM ACUC 2016 02 09, CALS ACUC 2016 02 18, LSVC ACUC 2016 02 19, and SMPH ACUC

2016 03 07; Amended by SMPH ACUC, CALS ACUC, LSVC ACUC, SVM ACUC 1/2018 and 3/2018.

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URL: https://www.rarc.wisc.edu/iacuc/acapac/2016-058-c veterinary verification and consultation (vvc).html

Last update: 2019-05-20 14:15:20



locations previously assigned to other UW-Madison IACUCs.

1. The is the research lab of , Associate Professor of Medical Physics in SMPH. The Dr. is physically located building (six rooms) and was formerly included as part of the CALS within the animal program due to geography. The is supported financially and administratively by the Office of the Vice Chancellor for Research and Graduate Education. Therefore it was recently determined that belongs under the oversight of the LSVC ACUC as part of the OVCRGE animal program. be included in the 2020 AAALAC Program Description for OVCRGE. There are currently four active protocols that list as an animal use location, three approved by the SMPH IACUC and one approved by the LSVC IACUC. These protocols do not include any USDA-covered species. Only one allows for housing of zebrafish embryos. The LSVC IACUC will be the "secondary" committee for these now, rather than the CALS IACUC. The CALS IACUC inspected on 1/23/2020 and identified no deficiencies. An inspection of by the LSVC ACUC is scheduled for 4/28/2020. Dr. is familiar with his role as for the CALS animal program. is associated with the 2. The . From 2009-2019 the Animal Sciences department in CALS supported an fish L under the direction of aquaculture program in . The live research animal area comprises five rooms of aquaria and housing tanks of varying sizes. within In fall 2019 the Animal Sciences department decided to discontinue the aquaculture program; Mr. retired on 12/31/2019. On 2/3/2020 an agreement between CALS and the College for Letters and Science (L&S) was finalized, transferring the research fish areas of Limnology and placing this facility under the oversight of the LSVC ACUC as part of the L&S animal program. There are currently six active protocols that list as a housing location, all approved by the CALS IACUC. These protocols do not include any USDA-covered species. These protocols will be brought before the LSVC IACUC in the next 60 days via Designated Review or at convened meetings so that IACUC members can become familiar with them, and the protocol numbers will be assigned an "L" prefix. on 1/14/2020 and identifed no deficiencies. The CALS IACUC inspected of the L&S animal program attended the inspection. Dr. and is familiar from his role as for the CALS animal program. with

Effective February 3, 2020, the LSVC IACUC is now responsible for two established animal use

	Animal F	acilities	Inspection Checklist		C	ONFIDENTIAL for ACUC Meeting		
Name Of Fac		y 2020A	2020A School/College: LSVC					
Supervisor:					Da	te: 01/07/20		
Inspection T	eam Members:	(1	(V),		File created: 02/11/20			
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or		
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee		
Key: A = Acce	•	eficiency,	-		edec	d), T = To be rescheduled, N = Not inspected, Q = Question		
General comments		А	Question for room room room room housekeeping logs - have they been updated to indicate that sweep/mop is only done weekdays, not weekends and holidays? Per response from Ms. "those logs were updated sometime					
			ago".					
	storage	А						
	procedure	Α	Currently storage					
	<u> </u>	Α						
	storage	M	Minor: feed bags in contact with wall, fixed at once.	01/07/20	R			
	animal housing	Α						
	animal housing	Α	Currently storage					
	animal housing	А						
	animal housing	N	Empty					
	animal housing	Α						
	animal housing	N	Empty					
	storage	Α						
	cage wash	Α						
	cage wash	Α						
	animal housing	А						
	locker room	А						
	locker room	А						

	Animal F	acilities	Inspection Checklist		C	ONFIDENTIAL for ACUC Meeting
Name Of Fa	Name Of Facility: School/College: LSVC					
Supervisor:			<u>_</u>	Date: 01/07/20		
Inspection T	eam Members:	(1	(V), (V),		File	e created: 02/11/20
			Inspection Notes			Tracking
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee
Key: A = Acce	eptable, M = Minor d	<mark>eficiency,</mark>	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	eded	d), T = To be rescheduled, N = Not inspected, Q = Question
	Corridor access	Α				
	storage	Α				
	animal housing	Α				
	animal housing	Α				
	animal housing	Α				
	housing &	Α				
	procedure					
	housing &	А				
	procedure					
	housing &	Α				
	procedure					
		Α				
	procedure					
	viewing room	Α				
		Α				
		Α				
	housing &	Α				
	procedure					
	housing &	Α				
	procedure					

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting	School/College: LSVC				
Inspection L				Date: 01/07/20				
Inspection T	eam Members: (R),	,	(V),		File created: 02/11/20			
	Inspec	tion No	tes			Tracking		
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee		
K	Cey: A = Acceptable, M = Minor deficiency, S = Significa	nt deficie	ency, R = Resolved, F = Full Committee (vote need	ed), T = To be re	esche	eduled, N = Not inspected, Q = Question		
General comments		А						
	procedures_OK, housing_OK, surgery_level:0 L005051-R01 [А						
	procedures_OK, housing_OK, surgery_level:0 L005051-R01 [N	Not in use in winter					
	procedures_OK, housing_OK, surgery_level:0	N	Not in use (winter).					
	procedures_OK, housing_OK, surgery_level:0 L005977 [A						
	procedures_OK, surgery_level:1 L005163-R01 [] (Common starling) L005977 [] (Common starling, Laboratory rat) L006162 [] (Common starling)	А	SFI: update SOP poster. Note: veterinarian educated lab manager regarding prompt disposal of hormone implants, also appropriate record keeping.					

,	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting	School/College: LSVC					
Inspection U	Jnit: labs 2020A	_			Date: 01/07/20				
Inspection Team Members: (R), (V), (V), (E) File created: 02/11/20									
	Inspec	tion No	tes		Т	Tracking			
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date	R	Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee			
k	Key: A = Acceptable, M = Minor deficiency, S = Significa	nt deficie	-	ded), T = To be	esch	eduled, N = Not inspected, Q = Question			
	procedures_OK, surgery_level:1 L005163-R01 [] (Common starling) L006132 [] (Common starling) L006162 [] (Common starling)	M	MINOR: Please document weighing anesthesia scavenger canister after each use.	01/21/20	R	on Tue 07 Jan, 20. @ 2020-01-08 10:49:11 Per email from @ 08Jan20 "Surgery logs have been placed in both locations where isoflurane is used, including a spot for weighing of the cannister each day the apparatus is used. Personnel have been trained to use the log"			
	procedures_OK, housing_OK, surgery_level:0 L005051-R01 [] (wildlife)	А							

	Animal F	acilities	Inspection Checklist		C	CONFIDENTIAL for ACUC Meeting		
Name Of Fac					_	hool/College: LSVC		
Supervisor:					Date: 01/15/20			
Inspection T	eam Members:	(\	(E), (R), (V)		File	e created: 02/11/20		
			Inspection Notes			Tracking		
				Correct		Include name, date And method Of all contacts & name, date		
Room	Description	AMS	Comments/Notes	by Date	R	And method Of all responses. Indicate when Resolved Or Referred To Committee		
	•		-			d), T = To be rescheduled, N = Not inspected, Q = Question		
General comments		A	suite not on list but inspected. May be used in future.					
	procedure group]	А						
	Animal housing/proce dure	А						
		Α						
		Α						
	storage & autoclave	А						
	storage	Α						
	procedure (CO2 euth & Terminal Surgery)	А						
	dead animal freezer	А						
	Animal housing/proce dure hypobaric chamber	А						

	Animal F	acilities	Inspection Checklist		C	ONFIDENTIAL for ACUC Meeting
Name Of Facility: School/College: LSVC						nool/College: LSVC
Supervisor:				Date: 01/15/20		
Inspection Team Members: (V), (E), (R),						e created: 02/11/20
			Inspection Notes			Tracking
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or
Room	Description	AMS	Comments/Notes	by Date		Referred To Committee
	•		-	<u> </u>		d), T = To be rescheduled, N = Not inspected, Q = Question
	Procedure	A	A number of areas including the suite are not currently in use, but were inspected since they may be used prior to the next scheduled inspection.			
	animal housing	А				
	animal housing	Α				
	storage	А				
	locker room	А				
	locker room	А				
	procedure	Α				
	animal housing	А				
	procedure	Α				
	animal housing	А				
	animal housing	А				
	animal housing	А				
	storage	Α				
	animal housing	А				
	animal housing	Α				
	animal housing	Α				
	procedure	А				
	animal housing	A				
	animal housing	Α				
	animal housing	А				
	animal housing	Α				

Animal Facilities Inspection Checklist						CONFIDENTIAL for ACUC Meeting				
Name Of Fa	cility: 202	20A			School/College: LSVC					
Supervisor: Date: 01/15/20										
Inspection 7	Team Members:	()	(E), (V)		File created: 02/11/20					
			Inspection Notes			Tracking				
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or				
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee				
	Key: A = Acceptable, M = Minor deficiency, S = Significant deficiency, R = Resolved, F = Full Committee (vote needed), T = To be rescheduled, N = Not inspected, Q = Question									
	procedure A [Manage lab]									
	surgery [lab]	A								
	procedure [ab]	А								
	procedure (shared)	А								
	procedure (shared)	М	Minor: Expired eye ointment. Note that the recently purchased ointment was inside of a box that was labeled with a different (non-expired) date. Inspection team advised sending it back to company. Minor: Expired ketoprofen. Drug was diluted to working strength more than 30 days prior.	01/24/20	R	on Jan 17, 2020. @ 2020-01-22 14:41:48 per e-mail from on 1/22, "the two expired solutions were immediately removed and discarded, and appropriate personnel informed so that the solution and ointment can be replaced as needed".				
	procedure (shared)	А								
	cage wash - clean side	M	Minor: Expired eyewash solution.	01/15/20	R					
	Cage wash - Dirty side	A								
	storage	Α								
	housing	Α								

	Animal F	acilities	Inspection Checklist	CONFIDENTIAL for ACUC Meeting						
Name Of Fac	cility: 202	.0A			School/College: LSVC					
Supervisor:		_		Da	Date: 01/15/20					
Inspection T	eam Members:	()	(E), (V)		File	e created: 02/11/20				
			Inspection Notes			Tracking				
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or				
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee				
Key: A = Acce	eptable, M = Minor de	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	eded	d), T = To be rescheduled, N = Not inspected, Q = Question				
	procedure	Α								
	storage	Α	Not in use							
		Α	Not in use							
	[Breeding Core]	Α								
	[Breeding Core]	Α								
Vehicle	animal	Α								
	transport									

	Animal F	acilities	Inspection Checklist		CONFIDENTIAL for ACUC Meeting					
Name Of Fac	cility: fac	ility 202	20A		School/College: LSVC					
Supervisor:			Da	te: 01/15/20						
Inspection T	eam Members:	(V)	File	e created: 02/11/20						
			Inspection Notes			Tracking				
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or				
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee				
Key: A = Acce	e <mark>ptable, M = Minor de</mark>	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote ne	edec	d), T = To be rescheduled, N = Not inspected, Q = Question				
General	Facility and	А								
comments	Labs									
	animal housing	Α								
	Storage	Α								
	Storage	Α								
	rack washroom	Α								
	storage	Α								
	storage	Α								
	cage wash	Α								
	support room	Α								
	breakroom	Α								

-	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting	School/College: LSVC			
Inspection U	labs 2020A				Date: 01/15/20		
Inspection T	eam Members: (V), (R),	V)	(E),		File created: 02/11/20		
	Inspec	tion No	tes			Tracking	
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee	
	ey: A = Acceptable, M = Minor deficiency, S = Significa	esch	eduled, N = Not inspected, Q = Question				
General comments		Α	ROLO: re- add as as testing room. Also euthanasia station and procedures				
	procedures_OK, surgery_level:1 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, housing_OK, surgery_level:1 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, surgery_level:1 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, surgery_level:1 L005116-R01 [] (Laboratory rat)	М	MINOR: be sure drug logs are completely filled out. Fixed at once.	01/15/20	R		
	procedures_OK, surgery_level:1 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, housing_OK, surgery_level:0 L005116-R01 [] (Laboratory rat)	A					
	procedures_OK, housing_OK, surgery_level:0 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, surgery_level:0 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, housing_OK, surgery_level:0 L005116-R01 [] (Laboratory rat)	А					
	procedures_OK, housing_OK, surgery_level:0 L005116-R01 [] (Laboratory rat)	А					

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting		Scl	nool/College: LSVC	
Inspection	Unit: labs 2020A	•			Date: 01/15/20		
Inspection ⁻	Team Members: (V), (R),	V),	(E),		File created: 02/11/20		
	Inspec	tion No	tes		Tracking		
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date	R	Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee	
	Key: A = Acceptable, M = Minor deficiency, S = Significa	ant deficie	ency, R = Resolved, F = Full Committee (vote need	ed), T = To be re	esche	eduled, N = Not inspected, Q = Question	
	procedures_OK, surgery_level:0 L005620-R01 [(Laboratory rat) L005977 [(Common starling,Laboratory rat)	A					
	procedures_OK, housing_OK, surgery_level:1 L005447-R01 [] ()	А					
	procedures_OK, surgery_level:2 L005447-R01 [] ()	А					
	procedures_OK, housing_OK, surgery_level:1 L005447-R01] ()	А					
	procedures_OK, housing_OK, surgery_level:1 L005447-R01 []	А					
	procedures_OK, hOK, surgery_level:0 L005447-R01 [] ()	А					
	procedures_OK, housing_OK, surgery_level:1 L005447-R01 [] ()	А					
	procedures_OK, surgery_level:0 L005620-R01 [] (Laboratory rat) L005977 [] (Common starling,Laboratory rat)	А					
	procedures_OK, housing_OK, surgery_level:0 L005447-R01 [] ()	А					

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting		School	/College: LSVC
Inspection U	Jnit: labs 2020A			Date: 01/15/20		
Inspection T	eam Members: (V),	V),	(E),		File cre	eated: 02/11/20
	Inspec	tion No	tes			Tracking
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date	date	ude name, date And method Of all contacts & name, e And method Of all responses. Indicate when olved Or Referred To Committee
ŀ	Key: A = Acceptable, M = Minor deficiency, S = Significa	ant deficie	ency, R = Resolved, F = Full Committee (vote need	led), T = To be re	eschedule	ed, N = Not inspected, Q = Question
	procedures_OK, housing_OK, surgery_level:1 L005447-R01	A				
	surgery_level:0 L005447-R01 [] ()	A				
	procedures_OK, surgery_level:1 L005620-R01 [] (Laboratory rat) L005977 [] (Common starling,Laboratory rat)	A	Note: not in active use.			

	Animal F	acilities	Inspection Checklist		C	CONFIDENTIAL for ACUC Meeting					
Name Of Fa	cility: facilit	ty 2020	A	•	School/College: LSVC						
Supervisor:					Da	te: 01/15/20					
Inspection 7	Team Members:	(V)	(R), (V), (E),	(S)	File created: 02/11/20						
			Inspection Notes			Tracking					
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or					
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee					
Key: A = Acc	d), T = To be rescheduled, N = Not inspected, Q = Question										
General		Α									
comments											
	storage	N									
	animal housing	N									
	animal housing	N									
	procedure	М	MINOR: notes on canister and paper logs	01/31/20		Initial email sent to					
			do not reconcile, replace F/air canister			on Fri 17 Jan, 20.					
			and start fresh log.								
						@ 2020-02-11 11:52:16					
						Second email sent 11Feb20					
	procedure	N									
	procedure	N									
	animal housing	N									
	animal housing	N									
	animal housing	N									
	animal housing	N									
	animal housing	N									
	animal housing	N									
	storage	N									
	Dump Station	N									
	procedure only	Α									
	animal housing	N									
	animal housing	N									
	storage	Α									

	Animal F	acilities	Inspection Checklist		CONFIDENTIAL for ACUC Meeting				
Name Of Fac	cility: facilit	y 2020/	Scl	School/College: LSVC					
Supervisor:					Da	ite: 01/15/20			
Inspection T	eam Members:	(V)	$(R), \qquad (V), \qquad (E), \qquad (S),$	(S)	File	e created: 02/11/20			
Inspection Notes						Tracking			
				Correct		Include name, date And method Of all contacts & name, date			
				Correct		And method Of all responses. Indicate when Resolved Or			
Room	Description	AMS	Comments/Notes	by Date	R	Referred To Committee			
Key: A = Acce	eptable, M = Minor de	eficiency,	S = Significant deficiency, R = Resolved, F = Full Com	mittee (vote nee	ede	d), T = To be rescheduled, N = Not inspected, Q = Question			
	animal housing	N							
	Wash area	Α							
	animal housing	N							

,	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting		Scl	hool/College: LSVC	
Inspection U					Date: 01/15/20		
Inspection T	eam Members: (V), (R),	V),	(E),	File created: 02/11/20			
	Inspec	tion No	tes		Tracking		
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee	
	(ey: A = Acceptable, M = Minor deficiency, S = Significa I	1	ency, R = Resolved, F = Full Committee (vote need I	ded), 1 = 10 be r	escne T	edulea, N = Not inspected, Q = Question	
General comments		Α					
	procedures_OK, housing_OK, surgery_level:0 L005322-R01 [] (Zebrafish) L005692-R01 [] (Zebrafish)	А					
	procedures_OK, housing_OK, surgery_level:0 L005322-R01 [] (Zebrafish) L005692-R01 [] (Zebrafish)	М	MINOR: update yellow emergency card.	01/31/20		Initial email sent to , on Fri 17 Jan, 20. @ 2020-02-11 11:57:54 Second email sent 11Feb20	
	procedures_OK, housing_OK, surgery_level:0 L005704-R01 [М	MINOR: need to update yellow emergency door card.	01/31/20		on Fri 17 Jan, 20. @ 2020-02-11 11:58:05 Second email sent 11Feb20	
	procedures_OK, housing_OK, surgery_level:0 L005704-R01 [] (Zebrafish)	А					
	procedures_OK, housing_OK, surgery_level:0 L005704-R01 [] (Zebrafish)	А					

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting		Scl	hool/College: LSVC					
Inspection	Unit: labs 2020A				Date: 01/15/20						
Inspection ⁻	Team Members: (V), (R),	(V),	(E),		File created: 02/11/20						
	Inspe	ection No	tes			Tracking					
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date							
	Key: A = Acceptable, M = Minor deficiency, S = Significant deficiency, R = Resolved, F = Full Committee (vote needed), T = To be rescheduled, N = Not inspected, Q = Question										
	procedures_OK, housing_OK, surgery_level:1 L005322-R01 [[] (Zebrafish)	A									
	procedures_OK, surgery_level:1 L005322-R01 [M	MINOR: need to update yellow emergency cards	01/31/20		Initial email sent to, on Fri 17 Jan, 20 @ 2020-02-11					
	procedures_OK, housing_OK, surgery_level:1 L005704-R01 [] (Zebrafish)	A									
	procedures_OK, housing_OK, surgery_level:1 L005704-R01 [] (Zebrafish)	A									
	procedures_OK, housing_OK, surgery_level:0 L005704-R01 [] (Zebrafish)	A									
	procedures_OK, housing_OK, surgery_level:0 L005704-R01 [] (Zebrafish)	A									
	procedures_OK, surgery_level:1 L005692-R01 [А	Question for RARC vets: let lab know if 30 month rule applies to frozen Tricaine aliquot?								

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting		Sc	hool/College: LSVC	
Inspection	Unit: labs 2020A			Da	Date: 01/15/20		
Inspection ⁻	Team Members: (V), (R),	V),	(E),		Fil	e created: 02/11/20	
	Inspec	tion No	tes			Tracking	
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date	R	Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee	
	Key: A = Acceptable, M = Minor deficiency, S = Significa	1		<u> </u>	1		
	procedures_OK, surgery_level:1 L005977 [] (Common starling,Laboratory rat)	М	MINOR: expired hand sanitizer fixed at once. MINOR: unclear condition of F/air canister, please clarify if in use.	1		Initial email sent to , on Fri 17 Jan, 20. @ 2020-02-11 11:55:55 Second email sent 11Feb20	
	procedures_OK, housing_OK, surgery_level:0 L005692-R01 [А					
	procedures_OK, housing_OK, surgery_level:0 L005692-R01 [A					

,	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting		Scl	hool/College: LSVC
Inspection L	Jnit: labs 2020A			Date: 02/04/20		
Inspection Team Members: (R),			['])	File created: 02/11/20		
	Inspec	tion No	tes			Tracking
Room	Protocol [PI] (Species)	AMS	Comments/Notes	Correct by Date	R	Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when Resolved Or Referred To Committee
K	Key: A = Acceptable, M = Minor deficiency, S = Significa	ant deficie	ency, R = Resolved, F = Full Committee (vote need	ded), T = To be r	esch	eduled, N = Not inspected, Q = Question
General comments		А				
	procedures_OK, housing_OK, surgery_level:0 L005051-R01 [А				
	procedures_OK, housing_OK, surgery_level:0 L005006-R01 [] (African clawed frog,Laboratory mouse) L005006-R01 [] (African clawed frog,Laboratory mouse) L005051-R01 [] (wildlife)	А				
	procedures_OK, housing_OK, surgery_level:0 L005051-R01 [] (wildlife)	А				
	procedures_OK, housing_OK, surgery_level:1 L005051-R01 [] (wildlife)	А	Send updated vet contact sheet.			
	procedures_OK, surgery_level:1 L005006-R01 [] (African clawed frog,Laboratory mouse)	М	MINOR: room prep SOP must be posted as long as room is on on protocol.	02/20/20		Initial email sent to , on Thu 06 Feb, 20.
	procedures_OK, surgery_level:1 L005006-R01 [] (African clawed frog,Laboratory mouse)	А				

	Animal Lab Inspection Checklist		CONFIDENTIAL for ACUC Meeting	School/College: LSVC		
Inspection U				Date: 02/04/20		
Inspection T	eam Members: (R),	(V)		Fil	e created: 02/11/20
	Inspec	tion No	tes			Tracking
				Correct		Include name, date And method Of all contacts & name, date And method Of all responses. Indicate when
Room	Protocol [PI] (Species)	AMS	Comments/Notes	by Date	R	Resolved Or Referred To Committee
k	Key: A = Acceptable, M = Minor deficiency, S = Significa	nt deficie	ncy, R = Resolved, F = Full Committee (vote need	ed), T = To be re	esch	eduled, N = Not inspected, Q = Question
	procedures_OK, housing_OK, surgery_level:1 L005006-R01 [] (African clawed frog,Laboratory mouse) L005006-R01 [] (African clawed frog,Laboratory mouse) L005322-R01 [] (Zebrafish) L005692-R01 [] (Zebrafish)	M	MINOR: needs protocol number, vet contact sheet. MINOR: housekeeping issues, fish flakes on counter. MINOR: if this room is used for regular housing it must have monitoring per policy. MINOR: misleading signage on front door, remove if animals are not present.			Initial email sent to , on Thu 06 Feb, 20.
	procedures_OK, housing_OK, surgery_level:0 L005006-R01 [] (African clawed frog,Laboratory mouse) L005006-R01 [] (African clawed frog,Laboratory mouse)	M	MINOR: need yellow door card for compressed nitrogen. MINOR: cardboard container (for broken glass) in direct contact with floor. Send link to AUR.	02/20/20		Initial email sent to, on Thu 06 Feb, 20.
	procedures_OK, surgery_level:1 L005006-R01 [] (African clawed frog,Laboratory mouse)	А				