

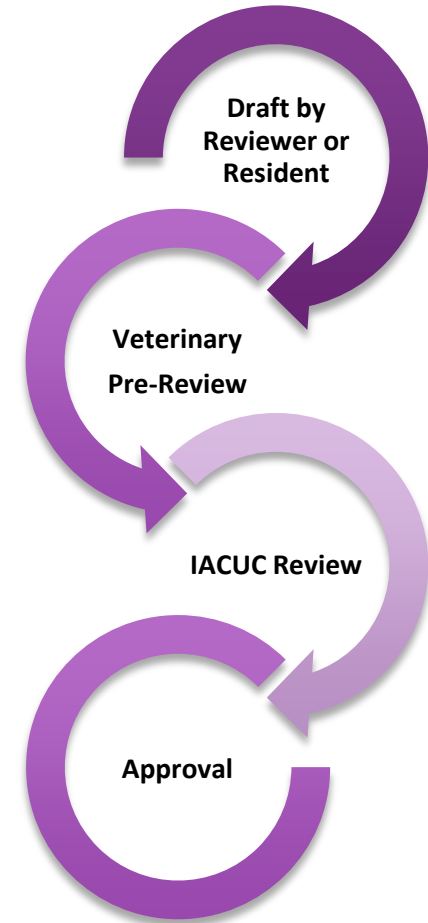
PROJECT PROPOSAL: COMPLIANCE UNIT STANDARD PROCEDURE (CUSP) SHARING SITE

Sally Thompson-Iritani, Michelle Brot & Aubrey Schoenleben
University of Washington
FDP Meeting, January 10, 2017



Background:

- Protocol preparation and review extremely time and effort intensive – creation of standard procedures topped UW researcher wish list.
- Transition to electronic protocol management system motivated development of standard procedures.
- Collaborative process for development and approval of standard procedures.
- Current repository includes 897 standard substances, **646 standard procedures**



Goal:

Create a repository where participating institutions can share standard substances and procedures to be used in animal care protocols with the broader animal welfare compliance community.

Benefits:

- ✓ Reduced administrative burden for researchers by decreasing time and effort involved in protocol preparation.
- ✓ Reduced administrative burden for IACUCs by decreasing time needed for protocol review.
- ✓ Knowledge sharing
- ✓ Provide consistency of procedures across institutions.

Vision:

An electronic site that includes standard substances and procedures that can be displayed in a manner that can be sorted, searched, filtered according to different attributes (e.g., species, procedure type, etc).



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Compliance Unit Standard Procedure (CUSP) Sharing Site

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Contributing Institutions: University of Washington, Yale University, New York University, Johns Hopkins University

CUSP Document Library

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✓	ID	Name	Species	Procedure Type	Modified	Modified By
	5	Analgesia, Buprenorphine (12 hours, v.1)	... Mice	Substance Administration	6 minutes ago	<input type="checkbox"/> Aubrey Schoenleben
	7	Anesthesia, Isoflurane, Long Duration (v.1)	... Guinea Pig	Substance Administration	6 minutes ago	<input type="checkbox"/> Aubrey Schoenleben
	8	Anesthesia, Isoflurane, Short Duration (v.1)	... Guinea Pig	Substance Administration	6 minutes ago	<input type="checkbox"/> Aubrey Schoenleben
	10	Anesthetic Overdose, MS-222 (v.1)	... Zebrafish	Euthanasia	6 minutes ago	<input type="checkbox"/> Aubrey Schoenleben
	6	CO2 Followed by Secondary Method (10+ days of age, v.1)	... Mice	Euthanasia	6 minutes ago	<input type="checkbox"/> Aubrey Schoenleben
	9	Rotarod (v.1)	... Mice	Behavioral Test	7 minutes ago	<input type="checkbox"/> Aubrey Schoenleben

Vision:

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Compliance Unit Standard Procedures

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	8	Anesthesia, Isoflurane, Short Duration (v.1)	Guinea Pigs
	10	Anesthetic Overdose, MS-222 (v.1)	Zebrafish
	6	CO2 Followed by Secondary Method (10+ days of age, v.1)	Mice
	9	Rotarod (v.1)	Mice



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TITLE: CO2 FOLLOWED BY SECONDARY METHOD (10+ DAYS OF AGE, V.1)

PROCEDURE TYPE: EUTHANASIA

SPECIES: MICE

DATE: 10/15/2016

CONTRIBUTING INSTITUTION: UNIVERSITY OF WASHINGTON

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PROCEDURE DESCRIPTION

CO₂ will be administered from a compressed commercial cylinder utilizing a flow meter to deliver 10-30% of the chamber volume per minute. Total gas exposure will be at least 10 minutes, with gas flow being maintained for at least 1 minute after apparent clinical death. A

Guidelines:

- All FDP members have the opportunity and expectation to contribute.
- Each institution is expected to maintain their contributions as updates occur.
- Each procedure would need to be reviewed and approved by the individual institution's IACUC prior to use.
- The specific content of procedures would not be reviewed, approved or endorsed by the regulatory agencies.





Questions?
Challenges?
Ideas?
