

ON THE CUSP:

**A New Option for Addressing
Administrative Burden**

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CUSP = Compliance Unit Standard Procedure
Partnered with Federal Demonstration Partnership (FDP)

Goal:

Develop an online resource where participating institutions can share standard procedures used in animal care protocols.

BENEFITS:

- Reduced administrative burden for researchers, IACUCs and IACUC staff.
- Support development of high quality animal care protocols.
- Provide consistency within and across institutions.
- Support knowledge sharing within the animal welfare compliance community.

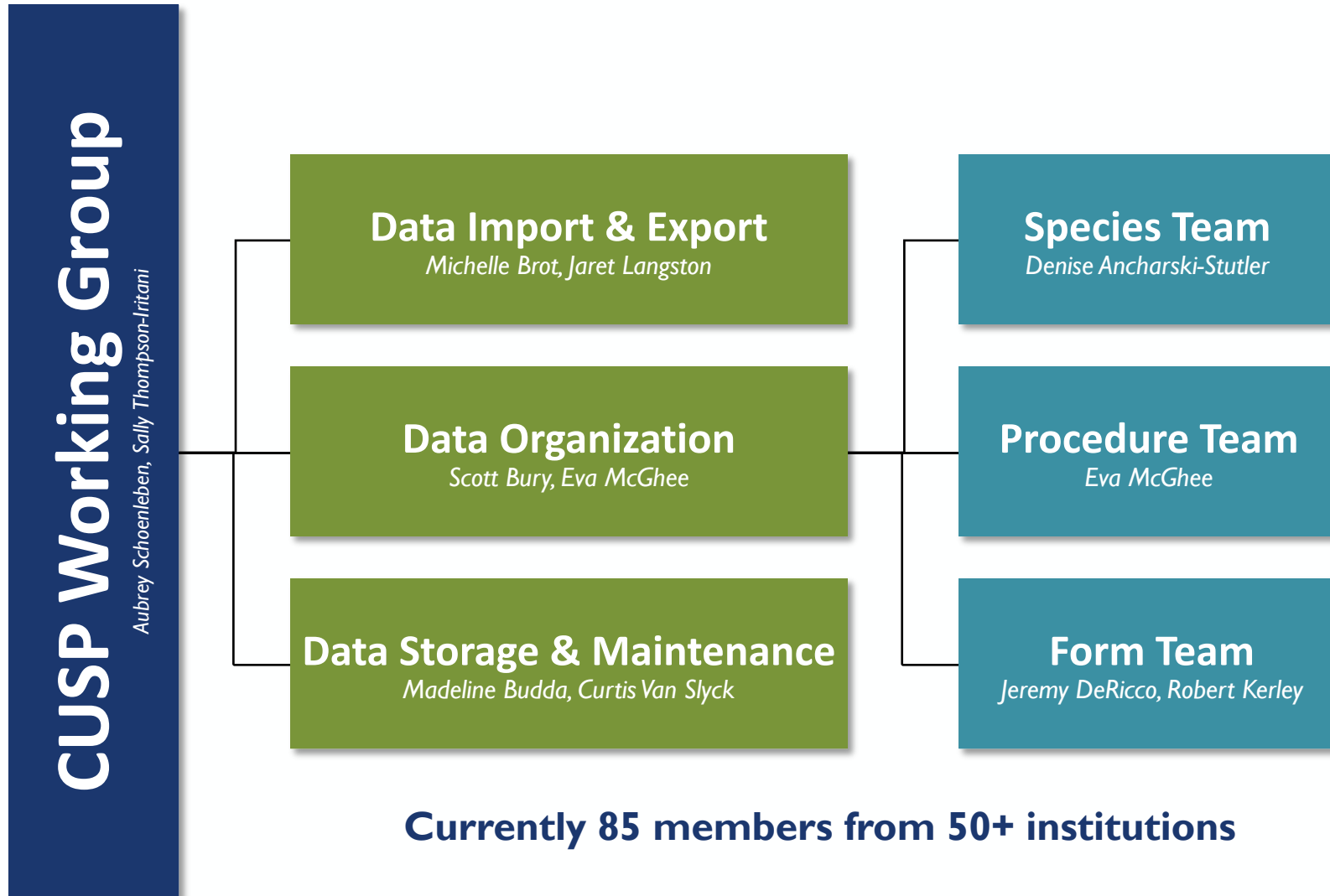


SITE GUIDELINES:

- Participating institutions have the opportunity and expectation to contribute.
- Each institution is expected to maintain their contributions as updates occur.
- Each procedure must 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 FDP or regulatory agencies.



WORKING GROUP:



TEST ENVIRONMENT DEMO:

Test

Search

FDP Compliance Unit Standard Protocol (CUSP)

CUSP is an online repository where participating institutions can share standard procedures used in animal care protocols with the broader animal welfare compliance community. This resource will support the development of high quality animal protocols, while reducing burden for researchers, IACUCs and IACUC support staff.

User Name:


Password:

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**What kind of
information will be
available on CUSP?**

EXAMPLE: BUPRENORPHINE ANALGESIA

ID: 123

Procedure Name: Buprenorphine Analgesia

Procedure Type: Substance Administration

Species: Mouse

Contributing Institution: University of Washington 

Date Submitted: 10/10/2017

Date Last Modified: 3/22/2018

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PROCEDURE DESCRIPTION

Buprenorphine (0.05 mg/kg) will be diluted with sterile saline or water to the appropriate concentration and then injected subcutaneously (SC). Total injection volume will not exceed 10 uL/g of body weight. A single dose of buprenorphine will be administered to deliver up to 12 hours of analgesia.

If signs of pain are noted despite buprenorphine administration, or following this period, Veterinary Services will be consulted.

KEYWORDS

Opioid, Buprenex

SUBSTANCE TYPE

Analgesic


EXAMPLE: BIOPSY SURGERY

ID: 5876

Procedure Name: Biopsy, Vaginal Mucosa

Procedure Type: Surgery

Species: Macaque

Contributing Institution: Institution Not Identified 

Date Submitted: 1/6/2019

Date Last Modified: 1/6/2019

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PROCEDURE DESCRIPTION

The animal is fasted for a minimum of two hours, and is anesthetized to a surgical plane. Biopsy forceps are sterilized by autoclaving or bead sterilizer. The surgeon wears surgical mask, head cover, eye protection, shoe covers, labcoat or coveralls, and clean gloves.

The patient is placed in ventral recumbency with the hindquarters elevated. A speculum is inserted into the vagina and biopsy forceps are used to collect 1 x 2 mm pinch biopsy samples of the vaginal/cervical mucosa. A maximum of 6 pinches are collected. Bleeding is controlled with direct pressure. Anticipated procedure duration is less than 15 minutes.

Monitoring during procedure will include assessment of respiration, mucous membrane color, capillary refill time, heart rate, muscle tone, and response to stimulation. Supportive care is usually not needed, but if this procedure is combined with other procedures and the total time exceeds 30 minutes eye lubrication, heat, and fluid support will be provided.

Animals receive analgesia for a minimum of 6-12 hours and may receive peri- or post-operative antibiotics if the animal is experimentally immunosuppressed or at the discretion of the veterinarian. Animals are observed at least daily for attitude, activity, appetite, and stool characteristics for a minimum of 3 days.

KEYWORDS

Tissue Sample, Survival Surgery, Reproductive

SUBSTANCE TYPE

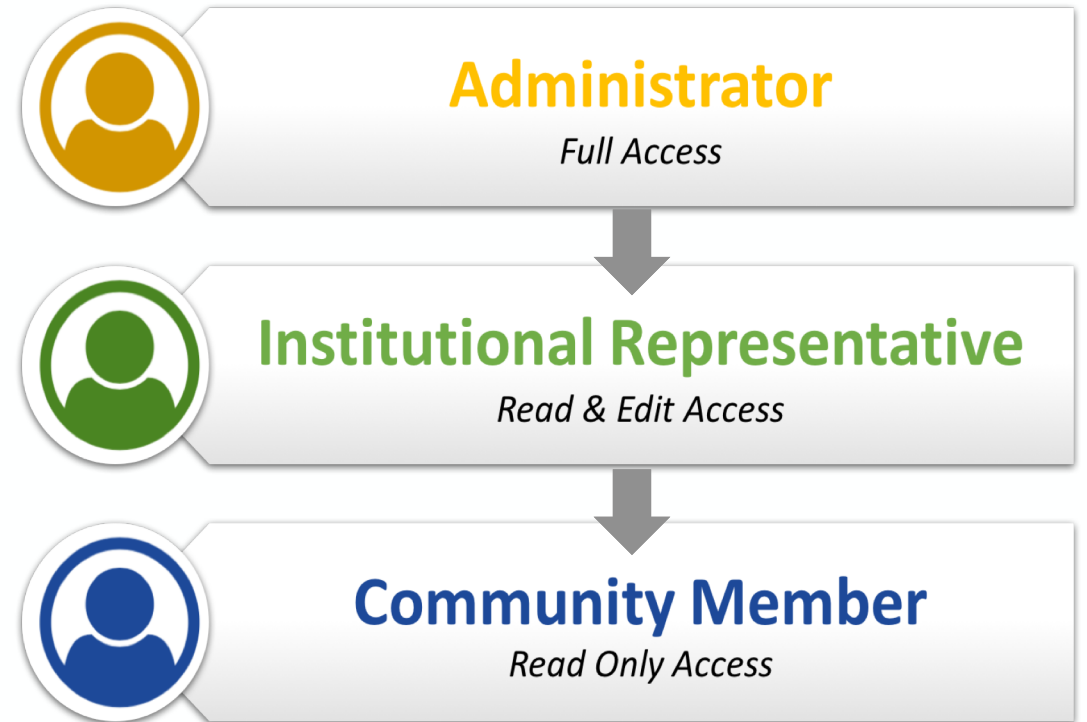
Analgesic, Anesthetic



**Who can access
the CUSP site?**

SITE ACCESS & USER ROLES

- Access initially limited to FDP member institutions (~155 institutions!).
- *Ultimate goal to open site to all institutions.*
- Accounts will be managed at the institution level.
- Three user roles within the system





**What about
security?**

SITE SECURITY:

- All data within the underlying database will be encrypted.
- Option to display institution name on submitted procedures.
- Single sign on provider to manage account access/passwords.





**What's the current
status of CUSP?**

CURRENT STATUS:

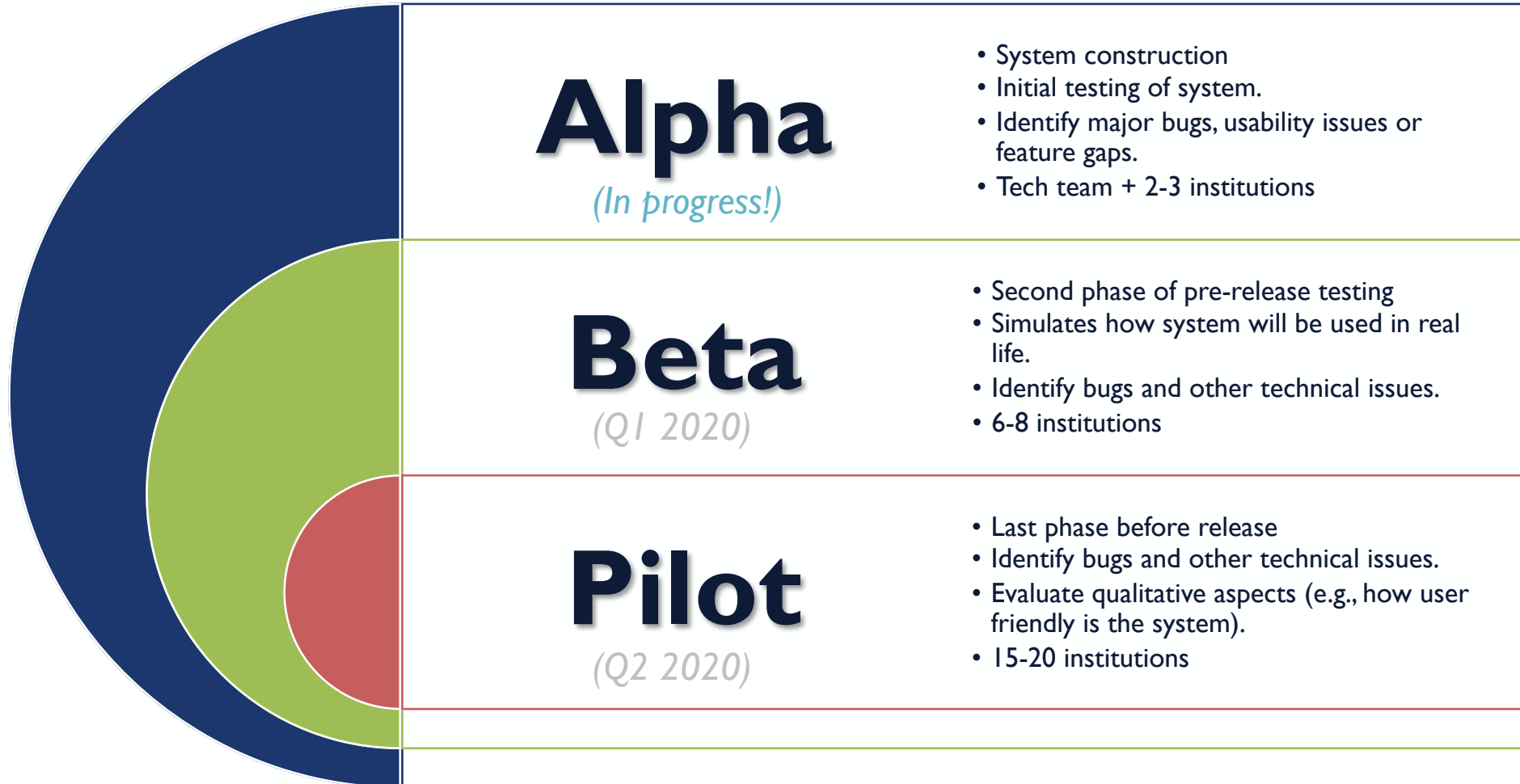


Alpha Testing

- Initial testing of system.
- Identify major bugs, usability issues or feature gaps.
- Largely performed by tech team
- 2-3 institutions

NEXT STEPS: DEVELOPMENT PHASE

Goal: To create a functional procedure sharing database with a user friendly interface.





QUESTIONS?

Want to help?

Email Aubrey Schoenleben (aubreys@uw.edu) or
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