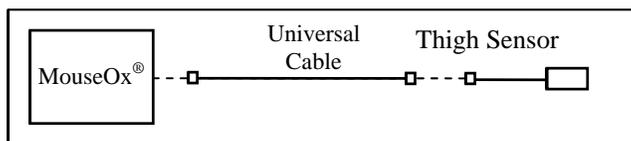


## Thigh Sensor Instruction Sheet

**The Thigh Sensor must be used on ANESTHETIZED mice ONLY!!**



### Thigh/Rat Foot Sensor Sizing

Sensor Type	Mouse Weight Range (gm)	Rat Weight Range (gm)
Thigh	< 60	= 100
Rat Foot	N/A	> 100

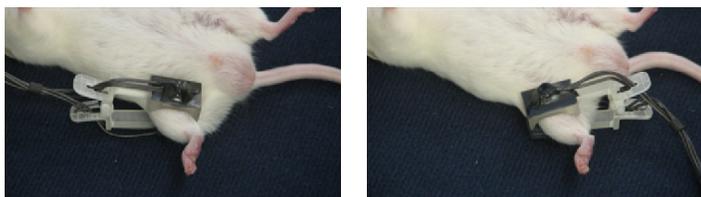
### When to Replace Sensor Clips

The clips are designed to be disposable. You should replace them in the following situations:

- 1] significant buildup of hair or material covering the clip faces,
- 2] good signals (data values on the software screen are in color) take an inordinately long time to appear,
- 3] presence of any mechanical defect in the sensor.

### Attaching the Sensor and Making Measurements

- 1] Anesthetize the animal, then connect the MouseOx®, Universal Cable and Mouse Thigh Sensor.
- 2] If you are using an animal with non-white fur, you MUST either shave the entire sensor site, or use a depilatory product such as Nair®.
- 3] Place the animal either prone or supine on the lab bench surface. Place the Thigh Sensor on the THIGH (not the lower leg!) of the animal by using the half arc shape of the sensor to grasp tissue around the thigh bone so that the sensor protrudes in a perpendicular orientation from the thigh. This will help align the sensor with the large arteries that reside next to the bone. Gently press the clip together on the thigh to improve the surface contact.



**NOTE: Do not use this sensor on an area other than the upper thigh.**

- 4] Check that the wiring assembly is connected to the MouseOx®, then start the software. You MUST USE Revision 6.3 or higher with the ThroatClip™. Follow the menu of buttons, choosing those appropriate to your measurement conditions.
- 5] If signals do not come in quickly, or performance degrades over time, try the following:
  - Re-position the sensor
  - Replace the sensor
  - Shave the animal

**NOTE: Shaving is NECESSARY for any animal with non-white fur.**