IOWA STATE UNIVERSITY

Isoflurane Emergency Euthanasia Field Kit

*Keep in stock:*

**Isoflurane**

**Gauze or cotton balls**

**Anesthetic induction chamber**—This should be a sealable container that is an appropriate size for the species you work with. The container should also be clear walled in order to monitor the animal during the anesthesia process. Examples include a gallon size plastic zip top bag for animals that are mouse size and smaller, or a large glass jar or plastic storage tub with lid. In the example pictured to the right the induction chamber is used as a container for the rest of the kit. To reduce isoflurane exposure, anesthesia work should be done outside.

**Log book**—Keep a record of the occasions the emergency euthanasia kit is used. Note the date, what was euthanized, why it was euthanized, any secondary method used (cervical dislocation, etc.), and who performed the euthanasia.

**Waste containment**—a small plastic bag or 45 ml conical tube to hold used isoflurane-soaked cotton or gauze until it can be disposed of properly

**Gloves**—for handling sick and injured animals and their carcasses

**Goggles and mask**—for personal protection from injury or zoonotic disease when handling sick wildlife

**Contacts:**

In case of injury to personnel (e.g., bites or scratches from wildlife):

McFarland Occupational Medicine
Phone: 515-239-4496

In case of adverse events involving animal health and welfare:

Dr. Mary Sauer, Attending Veterinarian
Phone: 515-509-7264