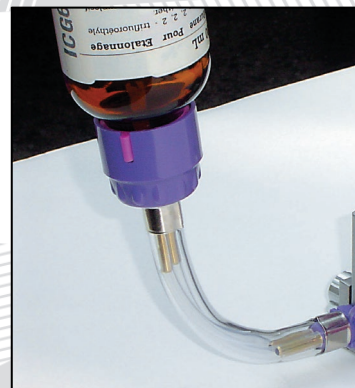
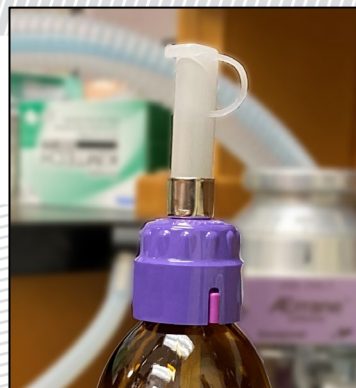


Isoflurane Best Practices

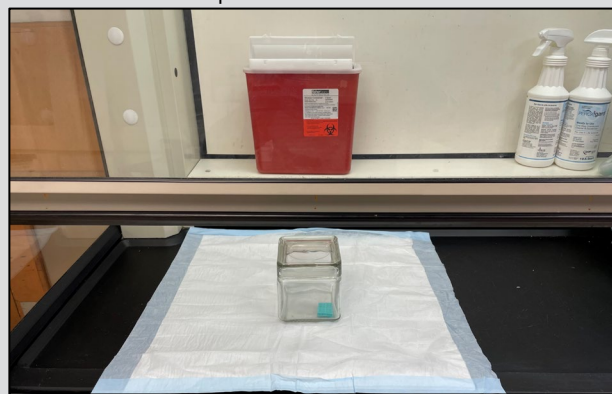
Best Practices

- Perform work with isoflurane in a fume hood, approved BSC, or well-ventilated area.
 - Use a keyed bottle adapter or anti-spill bottle adapter when pouring.
- When handling isoflurane wear gloves, lab coat, and eye protection.
- When using isoflurane in a shared space, alert others who are present.
- Record the charcoal canister weight before and after each use.
- Inspect all valves, hoses, and connections for cracks or loose seals prior to use.
- Use tracheal intubation or a vented nosecone to increase vapor recovery.
- When not in use, turn off gas delivery to the vaporizer.
- Position the charcoal canister so the gas outlet port is unobstructed.
- Before removing sedated animal, flush the induction chamber with oxygen.



Drop Method

- **Required:** Gloves, lab coat, and eye protection.
- **Must** be performed in a fume hood or approved BSC.
- Place isoflurane below a protective layer to ensure the animal cannot touch the liquid.



Contact

- For reproductive, health hazard concerns, or fit testing: **Occupational Medicine**
- Isoflurane exposure monitoring: **Environmental and Occupational Health**

Disposal

- Charcoal Canisters: Request pickup by **Chemical Safety**.
- Isoflurane: Ventilate bottles with trace amounts in a fume hood until evaporated. Dispose of bottles in glass waste.

