1.   Turn on the evacuation pump (1). The Flow meter next to it should register ~9 l/m.
2.   Open the valve on the O_2 tank located behind the IVIS Spectrum.
3.   Open the O_2 valve on the XGI-8 (2).
4.   Open the flow to the induction box by flipping up toggle (3), and adjust the flow rate to 1.5 l/min (4).
5.   Adjust the isoflurane concentration to 2.5% at the vaporizer (5) (push down the little black plastic tab to move the dial from 0).
6.   Place the animal(s) in the induction box (6), and wait till the desired level of anesthesia is reached.
7.   Turn on the flow of gas to the IVIS manifold with toggle (7), and adjust the flow rate to 0.25 l/min (8).
8.   Transfer the animal(s) to the imaging chamber, and position its (their) noses to the nose-cones. Observe the animal(s) for 1 min before closing the door.
9.   Turn off the flow of gas to the induction chamber by flipping toggle (3) down.
10.   When finished, turn the vaporizer dial (5) to 0, turn off the O_2 supply at the tank, open both toggles (3 and 7), and wait till the rotameters register no flow. Flip down the toggles, turn off the O_2 switch (2), and the evacuation pump (1).