



## HOW TO USE ANESTHESIA ON SMALL ANIMALS

<p><b>Make a visual inspection of the anesthesia apparatus</b> Faults must be logged in the MR logbook and reported to the responsible person</p>
<p><b>Fill up the evaporator with liquid anesthetic</b> a) Isoflurane/isobar – Purple evaporates b) Sevofluran – Yellow evaporates</p>
<p><b>Connect gas from the wall (oxygen O<sub>2</sub> + nitrous oxide N<sub>2</sub>O)</b></p>
<p><b>Turn on the flow of O<sub>2</sub> (3-5 L/min) to fill the tubes and chambers</b></p>
<p><b>Put the animal in the anesthesia chamber and let it get a few min of O<sub>2</sub></b></p>
<p><b>Turn on the anesthetic gas Isoflurane to 3-4%</b> If needed, turn on the flow of N<sub>2</sub>O For Sevofluran use 6-8%</p>
<p><b>When the animal has fallen asleep, it should be moved over to a mask</b> Switch over to the gas mask Regulate down the concentration of anesthetic gas (Isoflurane 1-1.5%) Adjust the flow based on the animal weight (200-400 ml/kg/min) Give 50% O<sub>2</sub> during maintenance of anesthesia</p>
<p><b>To end anesthesia:</b> Turn off the evaporator Turn off the N<sub>2</sub>O Let the animal breathe pure O<sub>2</sub> (either in the chamber or mask)</p>
<p><b>Disconnect the gas from the wall</b> Remember to disconnect both O<sub>2</sub> and N<sub>2</sub>O If lines are left connected overnight, the user will be charged for the gas leaked out from the system</p>
<p><b>Clean the anesthesia chamber and the operation table</b> Spray with Desidos solution, let it act for 10 min Spray with H<sub>2</sub>O Wipe off with paper towel</p>