

Phase 1

1. Turn off **3 tanks**: 2 oxygen tanks and 1 nitrogen tank
2. Turn off the **Grass amplifier**
3. Turn off the **audio monitor**
4. Turn off the **water bath**.
5. Place oxygen tubing and perfusion tubing in DI water in a **500 mL bottle**
6. Wipe gently the **chamber lid**, the **electrodes** and the **chamber mesh** with Kimwipes
7. Lower the **electrodes** down to be rinsed with DI water
8. Run **DI water** through the **control tubing** for **5 minute**
9. Run **DI water** through the **drug tubing** for **10 minutes**

Phase 2

1. Close **Clampex** (*Note: do this before turning off master switch*)
2. Transfer the recorded files onto the **server**
3. Download **slice photos** into the same folder and finish Markdown notes
4. Rinse all **glassware** used with DI water and leave on the rack to dry
5. Rinse **slice pipette** and **tweezers** with DI water and leave on the rig to dry
6. Rinse all **tubing** that touched ACSF or NMDG with DI water
7. Make sure the **water bath** is turned off
8. Remove oxygen tubing and perfusion tubing from 500 mL bottle
9. Let the oxygen tubing dangle on the air table hook (keep it clean!)
10. Run **air** through control tubing until the solution reaches the stopcock, switch the stopcock to run air through the drug tubing, then wait for another **5 minutes**

Phase 3

1. Raise the **electrodes** out of the chamber
2. Stop the pump and charge the **battery**
3. Empty the **vacuum flask**
4. Turn off the **master switch**
5. Turn off the **computer**
6. Turn off the **monitors**