

### 1. Prepare Recording Equipment

- Connect the computer to a Natus Quantum amplifier with a 64-pin headbox
- Adjust settings to make every 8th pin on the headbox a reference electrode

### 2. Prepare Rabbit for Recording

- Insert ECG and ground electrodes on the rabbit's body
- Secure rabbit in restrainer without disconnecting any leads
- Insert EEG and reference electrodes on the rabbit's head

### 3. Ensure High Quality Signal

- Assess EEG and ECG leads for excessive noise
- Reposition electrodes to reduce noisy signal

### 4. Start Intended Experiment

- Photic Stimulation or
- Oral Medication Administration or
- Intravenous Medication Administration

### 5. Euthanize Rabbit for Necropsy or Return to Home Cage

- Isolate brain, heart, lung, and liver for further analysis

### 6. Analyze Video-EEG-ECG for Seizures and Arrhythmias

- Analyze EEG in EEGLAB
- Analyze ECG in LabChart