**Date: 1/25/2024**

**Goal: stim/recording**

**Mouse: R5**

**Condition:awake**

**Probe: 11DD1**

**Recording time: 12PM-1PM**

Right craniotomy with undiluted DiO

Depth: z=5000

Ephys 000, Video 000: x

Ephys 001, Video 001: e-stim on channel A15,16,17,18, 19, 20

Mouse face no move when stim

E-stim setting: 2.5ms -10uA, 2.5ms 10uA, 35ms refractory period, 5Hz, 5 spikes

note:

Mouse struggled a lot during recording and screamed when probe around 4000 um. Also, mouse tries to move its body out of the tunnel, which is dangerous to probe.

After recording, mouse has difficulty walking normally- the right leg seems to be paralyzed.

Also, bad signals may also be around this time point. Good spikes are seen before but everything turns to broken signals later.

In the saline test after this, probe 11DD1 still showed a bad signal, as comparison, probe 12187( hasn’t been used for a while) shows a good baseline. It’s possible that probe 11DD1 is broken at this point.

Electrical stimulation did not trigger obvious face movement this time. Stim artifact is recorded.