



SID# or RapID# \_\_\_\_\_ Age group: P17  / 8 mo  / 12 mo  Sex: M / F DOB: \_\_\_/\_\_\_/\_\_\_ Sham  CHI (left side)

TBI-ADRD Cage # \_\_\_\_\_ Tat# \_\_\_\_\_ AO/PT# \_\_\_\_\_ Genotype \_\_\_\_\_ Impactor# \_\_\_\_\_ Single CHI

*Hoop change rate: Pups= 3 mice / 1 hoop. Adults= 1 mouse / 1 hoop*

**1** Date: \_\_\_\_\_ Procedure by \_\_\_\_\_  
 Room temperature: \_\_\_\_\_ Hoop ID: \_\_\_\_\_

**ANESTHESIA:** Iso: 2.5 % for 5 min O<sub>2</sub>: 1.0L/min

**Body Weight:** \_\_\_\_\_g

Anesthesia start	:
On stereotax	:
Impact time	:

**COORDINATES:** X = 3 mm Y = 3 mm Confirm:

**POSITIONING:** Place mouse under impactor and make sure it is spread out on all its length. Align y-axis with nose-to-tail, and x-axis between the ears. Set toggle to "Extend"

Lower the impactor tip so that it touches the head

Then toggle "Retract" and lower the tip:

- 3 mm for P17
- 5 mm for adult mouse

**IMPACT:** Tip (3mm diameter with syringe plunger at the end)

Speed: \_\_\_\_\_ Duration: 100ms Angle: 0°

- 3 m/s for P17
- 5 m/s for adult

Head Rotation? Yes/No

Apnea? \_\_\_\_\_ If yes, how long? \_\_\_\_\_ Video Confirmed? Y/N

**Place mouse on right flank in warm recovery chamber right after impact.**

**RECOVERY:**

Righting time (back on 4 feet): \_\_\_\_\_

Time to resume exploring: \_\_\_\_\_

**Notes:**

*If adult female: vaginal lavage for estrous cycle*