



TBI-ADRD

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

Cage # _____ Tat# _____ AO/PT# _____ Genotype _____ Repeated CHI _____ days apart Impactor# _____

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

1st Date: _____ Procedure by _____

Room temperature: _____ Hoop ID: _____

ANESTHESIA: Iso: 2.5 % for 5 min O₂: 1.0 L/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
- 5mm for adult

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 estrus cycle

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

2nd Date: _____ Procedure by _____

Room temperature: _____ Hoop ID: _____

ANESTHESIA: Iso: 2.5 % for 5 min O₂: 1.0 L/min

Body Weight: _____g

Anesthesia start	:
On stereotax	:
Impact time	:

COORDINATES: X = 3 mm Y = 5 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"

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