**A**

**B**

**C**

**D**

**E**

**F**

**G**

**H**

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Surgery begins  
Surgery done  
ICV injection  
Reperfusion  
Behavioral test  
Behavioral test/sacrifice for TTC staining and FJ staining  
Sacrifice for TTC staining

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- **TAT**
- **TAT-GAPDH**
- **TAT-GAPDH + SCRM**
- **Sham**

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**Infarct Area (mm²)**

**Distance from the Bregma (mm)**

**Neurological Score**

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**2h after reperfusion**

**24h after reperfusion**

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**p<0.01**

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**E**

**F**

---

**G**

**H**

---

**30min after MCAo onset**

**90min after MCAo onset**

**2h after MCAo onset**

**24h after MCAo onset**

**3d or 5d after MCAo onset**

---

**Surgery**

**ICV injection**

---

30 min after MCAo onset

90 min after MCAo onset

2 h after MCAo onset

24 h after MCAo onset

3 d or 5 d after MCAo onset

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**Behavioral test**

**Behavioral test/sacrifice for TTC staining and FJ staining**

**Sacrifice for TTC staining**

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**IP:p53**

**GAPDH**

**LaminB1**

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**p=0.012**

**p<0.01**