

Materials List for:

A Rat Model of Mild Intrauterine Hypoperfusion with Microcoil Stenosis

Masahiro Tsuji¹, Jacques-Olivier Coq², Yuko Ogawa¹, Yumi Yamamoto¹, Makiko Ohshima¹

¹Department of Regenerative Medicine and Tissue Engineering, National Cerebral and Cardiovascular Center

²Institut de Neurosciences de la Timone, CNRS, Aix Marseille Université

Correspondence to: Masahiro Tsuji at tsuji.masahiro.ri@ncvc.go.jp

URL: <https://www.jove.com/video/56723>

DOI: [doi:10.3791/56723](https://doi.org/10.3791/56723)

Materials

Name	Company	Catalog Number	Comments
Stereomicroscope			
Isoflurane anesthesia machine			
Anesthesia induction box			
Heating pad			
Diaper 30x40 cm			
Depilatory foam or shaver			
Iodine disinfectant solution			
Gauze 10x20 cm			
Surgical drape 45x45 cm with a round opening 5 cm in diameter			
Spray bottle with ethanol for disinfection			
Cotton swab			
Forceps with large blunt tips			
Forceps with angled fine tips			
Scissors			
Surgical scalpel, blade size is 27mm long (no.10, Axcel, AS ONE Corporation, Osaka, Japan)			
Surgical suture needle			
Metal microcoils; inner diameter 0.24 mm, made from gold-coated steel (SAMINI Co. Ltd., Shizuoka, Japan)			
Silk suture 4-0			
Sterile saline (0.9% sodium chloride)			
Heating water bath			
Plastic syringes (50ml) and needles (18G)			