

Spinal Cord Injury (SCI)

Spinal cord injury is damage to the spinal cord that results in a loss of function, such as mobility and/or feeling. We provide efficacy evaluation service focused on therapeutic effect of novel treatments using contusion spinal cord injury model.

Species

- Sprague Dawley Rat (7~8 weeks age)

Histological / Behavioral analysis

- H&E
- Immunofluorescence staining
- BBB locomotor scale

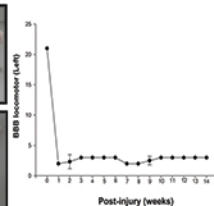
MAISCIS impactor (10g rod, 2.5cm height)



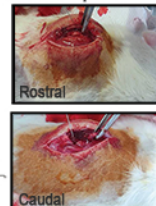
Contusive Spinal Cord Injury (T9 Laminectomy)



BBB locomotor scale



Cell transplantation



Cell engraftment

