

Siemens Healthcare K.K. (Germany)

- ◆ A global medical instrument provider. The company develops and produces medical diagnostic imaging instruments such as MRIs and laboratory devices across a broad scope, including molecular medicine.
- ◆ The experimental study, in collaboration with the Human Brain Research Center, Kyoto University, aims to develop monitoring technologies in iPS cell therapy for Parkinson's Disease patients, using an ultra-high field 7 Tesla MRI system.
- ◆ Compared with the current monitoring method, such as PET, the new MRI method provides a less invasive visualization of the ultra-structures in the brain, which enables safe and frequent monitoring for iPS therapy. The developed imaging technologies could be applied in early detection of other diseases and treatment monitoring as well.

Regenerative medicine

SIEMENS
Healthineers



7T System for this project

<https://www.healthcare.siemens.co.jp/>