



## First RPE cell sheet graft transplant

September 12, 2014

Foundation for Biomedical Research and Innovation

RIKEN

Today, the first participant in the “Clinical study of autologous induced pluripotent stem cell-derived retinal pigment epithelium (RPE) cell sheets for exudative age-related macular degeneration (AMD)” underwent transplantation of a cell sheet graft.

### **Surgical schedule**

Location: Institute for Biomedical Research and Innovation (Kobe, Japan)

Start of procedure: 14:20, September 12, 2014

End of procedure: 16:20, September 12, 2014

Surgical staff: A team led by Yasuo Kurimoto, M.D. and two other ophthalmologists.

### **Result**

A single RPE cell sheet (1.3 mm × 3 mm) was engrafted into the subretinal space of one eye. There was no serious hemorrhaging or complications.

### **Research subject**

Residence: Hyogo Prefecture Age: 70s Gender: Female

To protect patient confidentiality, and out of respect for the strong wishes of the individual, no information other than that given above will be made public.

### **Research funding**

This clinical study is funded by the Japan Science and Technology Agency and the Ministry of Health, Labour and Welfare.

### **Contact**

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