

# Anesthetic Management of Lung Transplantation from a Brain-Dead Donor : The First Case at Fukuoka University Hospital

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**Abstract :** We herein report the anesthetic management of the first case of lung transplantation from a brain-dead donor at Fukuoka University Hospital. The recipient was a 32-year-old male with bronchiolitis obliterans after bone marrow transplantation. He had been registered as a candidate for lung transplantation by the Japan Organ Transplant Network. General anesthesia was maintained with midazolam and fentanyl. A lung transplantation on the left from a brain-dead donor was performed without cardiopulmonary bypass. No profound hypoxemia or pulmonary hypertension was observed during surgery and anesthesia.

**Key words :** Lung transplantation, Brain-dead donor