

# Postoperative Management of The First Lung Transplantation from a Brain–Dead Donor at Fukuoka University Hospital

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**Abstract :** We herein report the postoperative management of the first lung transplantation from a brain–dead cadaver donor at Fukuoka University Hospital. The patient was a 32–year old male. He suffered bronchiolitis obliterans caused by graft versus host disease after undergoing a bone marrow transplantation for malignant lymphoma. A left–sided single lung transplantation was performed. The patient tolerated both ischemia–reperfusion injury and acute rejection and was successfully weaned from the ventilators on the 4<sup>th</sup> postoperative day. He was discharged from the surgical intensive care unit on the 12<sup>th</sup> postoperative day.

**Key words :** Brain–dead donor lung transplantation, Bronchiolitis obliterans, Ischemia–reperfusion injury, Acute rejection