

A Case Report of The First Living Donor Liver Transplantation at Fukuoka University Hospital

Tomoaki NORITOMI¹⁾²⁾, Yuichi YAMASHITA¹⁾²⁾, Ryosuke YAMAGUCHI²⁾,
Koji MIKAMI²⁾, Yasushi YAMAUCHI²⁾, Kenji WATANABE²⁾,
Takafumi MAEKAWA²⁾ and Takayuki SHIRAKUSA²⁾

¹⁾ *The Operating Center of Fukuoka University Hospital*

²⁾ *The Second Department of Surgery, Fukuoka University School of Medicine*

Abstract : We herein report the first case of a living donor liver transplantation at Fukuoka University Hospital. The patient was 60-year old male who had been suffering from hepatocellular carcinoma due to type-C hepatitis related liver cirrhosis. He also suffered from chronic liver failure. A living donor liver transplantation was performed on May 14th, 2005. The patient was implanted with a left liver graft from his son. Because the volume of the graft was smaller than 40% of the standard liver volume of the recipient, the patient suffered small-for-size graft syndrome postoperatively. However, his general condition recovered after intensive treatment. He also experienced acute cellular rejection, which was successfully controlled by steroid pulse therapy. The patient was discharged on 66th post-operative day.

Key words : Living donor liver transplantation, Left liver graft, Small-for-size graft syndrome, Acute cellular rejection