

Anesthetic Management of Living Liver Transplantation : The First Such Case at Fukuoka University Hospital

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Abstract : We herein report on the anesthetic management of the first living liver transplantation at Fukuoka University Hospital. A 60-year-old man with hepatocellular carcinoma caused by hepatitis C virus infection was scheduled to undergo a living liver transplantation. General anesthesia was maintained with isoflurane and fentanyl. The surgery lasted 20 hours and 5 minutes, and the anhepatic phase was 5 hours and 42 minutes. The duration of anesthesia was 22 hours and 35 minutes. The estimated blood loss was 8,550 g. Eighteen units of packed red blood cells, 85 units of fresh frozen plasma, and 20 units of packed platelets were transfused during the surgery. In addition, no cardiovascular derangement occurred during the surgery.

Key words : Living liver transplantation, Recipient, General anesthesia, Transfusion