

# **Overview of Extremity Replantation in Taiwan by the National Insurance Database form 1996 to 2000**

李友專

Lee JJ;Liu CH;Wu JH;Lee TK;Li YC;Chiang IJ;Chiu HY;Lu SY

## **Abstract**

This study is the first epidemiological report of limb replantation surgery concerning the whole population of Taiwan. The materials are based on the 1:20-sampled National Healthcare Insurance (NHI) Research Database from 1996 to 2000. 368 and 236 patients were extracted from the hospitalization datasets, based on the ICD procedure codes and the detailed medical orders respectively. 77.1% and 14.0% of cases received one-and two-digital replantation. The average operating times are 3.9, 5.5, 7.9, and 10.2 hours from one- to four- digit replantations. Average length of hospital stay, surgical and total fees were 12.5 days, \$48,585, and \$125,660 in medical centers, in comparison with 9.9 days, \$36,786-\$38,962, and \$60,845 to \$71,838 (all in NT dollars) in other hospitals. The wide variations of fees could not be explained simply by the demographic characteristics of patients and hospitals, or by the number of digits involved. These data provided reference for further clinical researchers and policy makers.