

自由皮瓣重建青年型糖尿病足之馬偕經驗

劉厚耕 張世幸 黃文成

台北馬偕紀念醫院 外科部 整型外科

**Experience of Free Flap Reconstruction of Juvenile DM Foot in Mackay
Memorial Hospital**

Hou-Keng Liu M.D. Hsih Shin Chang M.D. Wen cheng Huang

Division of Plastic surgery, Mackay Memorial Hospital

Purpose:

Juvenile diabetes foot is a complication of diabetes mellitus that results from autoimmune destruction of insulin-producing beta cells of the pancreas. We believe that early and aggressive soft tissue reconstruction is in the patient's best interest and is crucial for resolution of the chronic nonhealing wound.

Methods and results:

5 cases were diagnosed as juvenile diabetes in our endocrine OPD during 2006-2011. The average DM onset age is 20 y/o, and medical control from 3 to 20 years. Average age for free flap reconstruction of DM foot is 34.6 y/o. There were 2 cases over right heel; other 2 cases over right dorsal foot and 1 case over left heel. There was one major complication (arterial occlusion), and other flap were survival well.

Conclusion:

Juvenile type DM patient are seem to young look outside, but old inside the body. Diabetic limb salvage needs a multidisciplinary team and a logical stepwise approach for medical and surgical approaches to the severe infection. The goal of limb salvage is functional, durable, stable, and shoeable or braceable.