ABSTRACT

Objectives: This study investigated open fixation of tibial pilon fracture using the posterolateral surgical approach. Patients and Methods: From November 2000 to June 2003, 4 men and 5 women were recruited into the study. One patient was excluded from the study for defaulting follow-up for assessment. Results: The mean waiting time for operation was approximately 4 days and the average length of stay in hospital was 18 days. The patients were followed up after the operation for an average of 16 months. All fractures were healed and there was no skin breakdown. Five of 8 patients scored at least 90 out of 100 using the American Foot and Ankle Society functional scoring system. Conclusions: The posterolateral approach is safe with satisfactory wound healing and cosmesis. This approach provides a viable alternative for treatment of tibial pilon fracture.

Key Words: Fracture fixation, Surgery, Tibial fracture

中文摘要

脛骨骨折手術經由後路切口療效

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本研究報告8例脛骨骨折經後路切口進行接合骨折，8位病人參與此次研究，平均手術等待時間約4日及平均住院時間為18日。經過平均16個月之治療，所有病例沒有傷口感染並骨折愈合成功。5位病人更達到美國足部及脛部會之功能測定達到90分或以上。