Bosworth fracture dislocation of the ankle

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In 1848 Hugier report a "new dislocation of the ankle", and in 1947 Bosworth elaborated on this form of irreducible ankle fracture dislocation, which is charaterized by the locking of the proximal fibular fragment behind the tibia. In this situation prompt diagnosis ensures early and appropriate surgical treatment that will minimize any permanent disability in the patient. This article reports a case of Bosworth fracture dislocation of the ankle and discusses its characteristic clinical and radiological features, particularly the severe external rotation deformity, surgical findings, and the approach to its management. (Hong Kong Journal of Orthopaedic Surgery 2001;5(2):113-116.)

Key Words: Ankle injuries; Dislocations, pathology; Fibula, surgery, Fracture, radiography

Bosworth 腫關節骨折脫位

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Hugier 於1848年曾報告一種『新的腫關節脫位』; 1947年, Bosworth更詳盡地闡述這種特點為近端腓骨斷片鎖定於脛骨後方、能複位的腫關節骨折脫位。迅速的診斷能確保患者及早得到適當的手術處理, 將永久殘疾減到最少。我們報告一例罕見的Bosworth腫關節骨折脫位, 患者由於腓骨卡在脛骨後方引致不能內復位。本文討論Bosworth腫關節骨折脫位的臨床及放射學特性, 尤其這種腫關節骨折脫位的嚴重外旋轉變形、手術發現、及其處理手法。

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