

## **Case Report**

### **Removal of a Broken Intramedullary Femoral Nail by Transarticular Retrograde Technique—A Case Report and Review of Literature**

### **拆除股骨內已折斷的骨髓內釘 – 經膝關節逆行技術之病例報告及文獻回顧**

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#### **Abstract**

We report a 20-year-old Chinese female who presented with severe limping because of nonunion of her right proximal femoral fracture. The radiographs showed an intramedullary femoral nail fractured through one of its proximal locking holes. We successfully treated her by exchanging the intramedullary nail and grafting with autogenous bone. A transarticular retrograde technique was employed for the removal of the broken nail since it could not be removed by standard conventional techniques.

#### **中文摘要**

本文報告一名 20 歲中國籍女子因患有近端股骨干骨折不愈合而引致嚴重跛行，X 光照片顯示股骨交鎖骨髓內釘在近端鎖釘孔處折斷。我們成功使用調換新的交鎖骨髓內釘並予以植骨治愈她。因為傳統的方法無法順利地拆除已折斷的骨髓內釘遠端部份，所以我們最終應用了經膝關節逆行技術把遠端的骨髓內釘拆除。

***Keywords: broken nail, removal, transarticular retrograde technique***