

中文題目：一個罕見的大腿疼痛- 創傷性骨化性肌炎

英文題目：A rare cause of thigh pain- myositis ossificans traumatica

作者：蔡元榮¹，徐簡訊²，林松俊³

服務單位：¹屏東基督教醫院胃腸肝膽科 ²屏東基督教醫院病理科 ³屏東基督教醫院骨科

Abstract:

This 60- year-old man with a seven-year history of hemodialysis, visited our clinic with the complaint of intermittent left thigh pain for months after a traumatic accident one year ago. The pain exacerbated while walking in recent days. A hard mass with well-defined margin was palpated on physical examination. X-ray revealed a huge lobulated soft tissue tumor. (Figure A) Computed tomography further uncovered a macrocalcification and ossification mass in left inner thigh with bone sparing. (Figure B) He received debulking surgery. Pathology revealed calcified tissue and necrosis tissue within muscular layer in gross and calcifications with no evident of malignant tissue in microscopy. This result was compatible with myositis ossificans traumatica. He was able to walk with free of pain after the surgery. Myositis ossificans is a benign process of calcification characterised by heterotopic ossification of muscle. The term myositis ossificans traumatica is used when the condition is due to trauma with most of ossifications arise in the thigh or arm after an injury. There is no compelling evidence showed that malignant degeneration ever occurs in myositis ossificans traumatica. Imaging differential diagnosis include parosteal osteosarcoma and soft tissue sarcomas including malignant fibrous histiocytoma and synovial sarcoma. Surgical resection is reserved for symptomatic lesion and is usually curative.