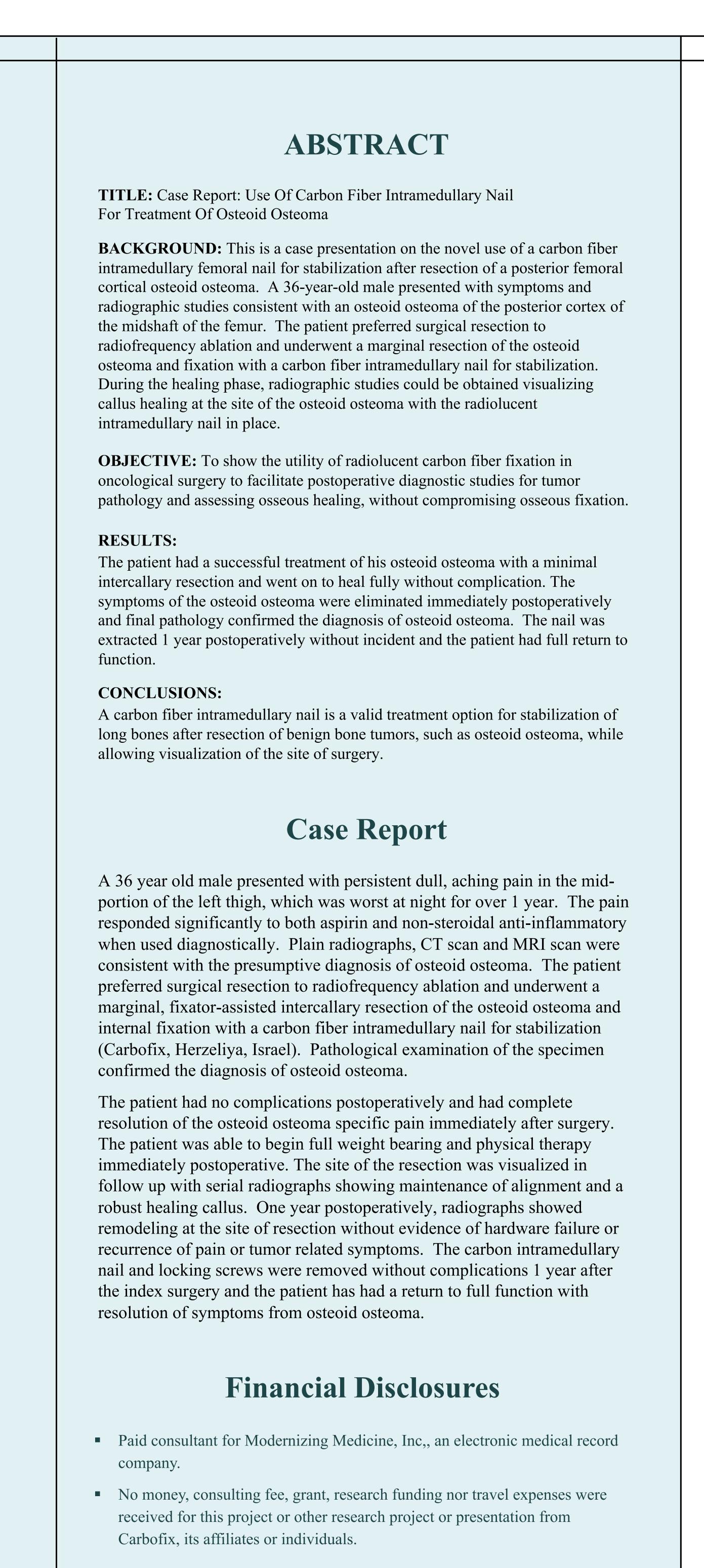




Paley Advanced Limb Lengthening Institute



Case Report: Use Of Carbon Fiber Intramedullary Nail

And External Fixation Assistance For Treatment Of Osteoid Osteoma

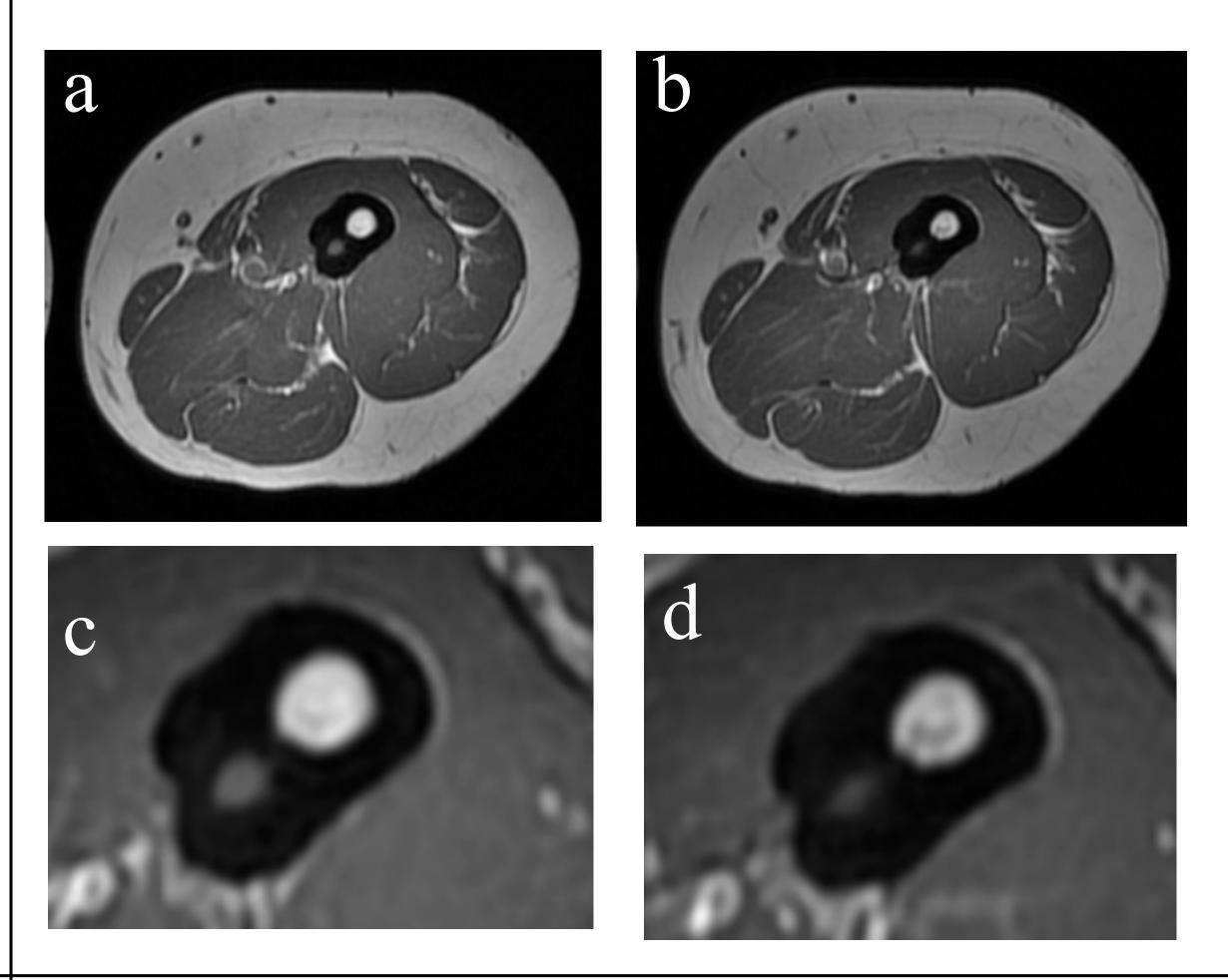
Preoperative Imaging

Plain Radiographs (Images a-b) AP and lateral views of the left femur demonstrate a thickened posterior and femoral cortex and a cortical lytic lesion posteriorly.

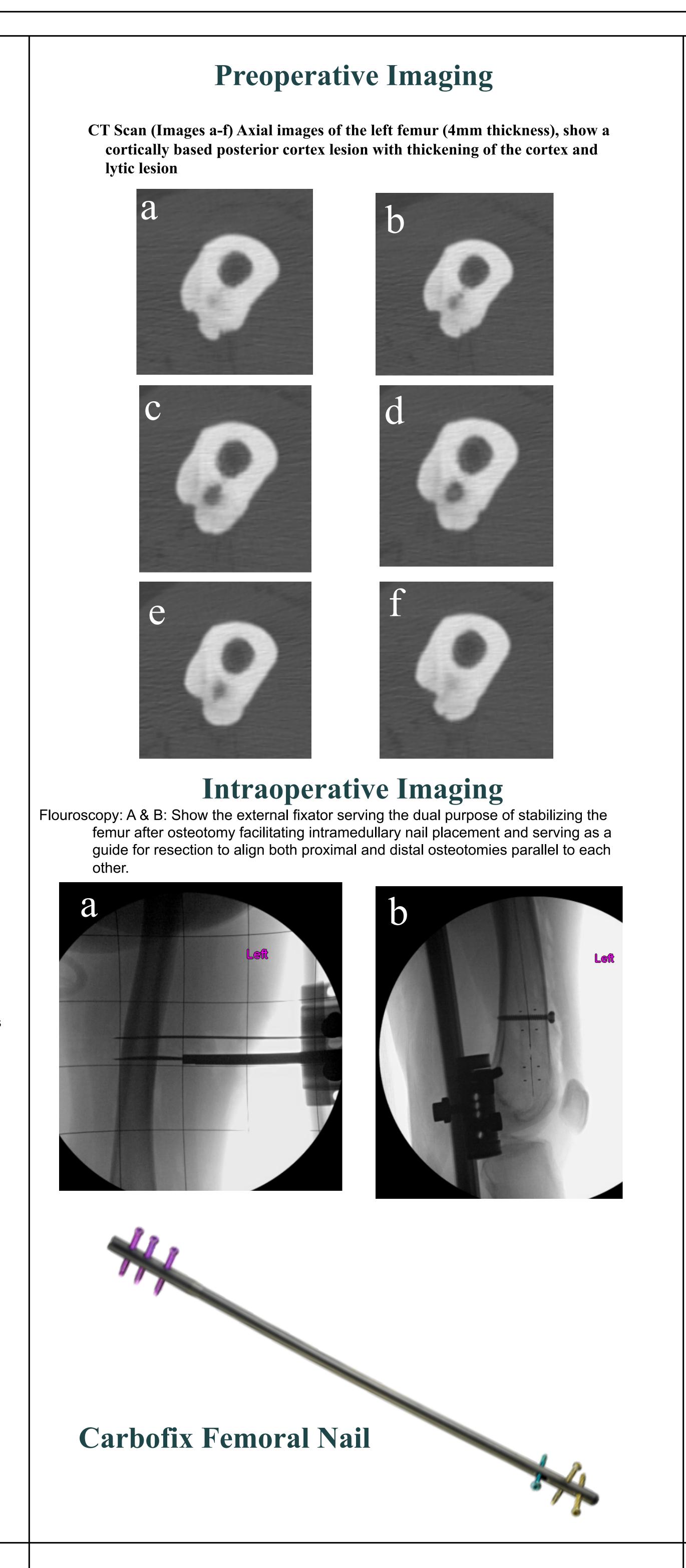




MRI Scan (Images a-d) Images a and b are T1 weighted axial images of the left femur (5mm thickness, 3Tesla) demonstrate a cortically-based posterior femoral lesion with thickening of the cortex and central lucency. Images c and d are zoomed views of a and b.



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Plain Radiographs: A & B: AP and lateral views of the left femur 2 weeks postoperative demonstrating a well aligned femur with the carbon fiber IMN in place and 4 locking screws. C and D: AP and Lat views 1 year postoperative with remodeled callus at the site of resection and osteotomy.

