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A rare case of giant cell tumor of tendon sheath of Hoffa's fat pad of knee misdiagnosed as ganglion cyst

Rakesh Goyal

Lok Nayak Hospital and Maulana Azad Medical College, India

A giant cell tumor of tendon sheath (GCTTS) is a benign lesion whose presence in Hoffa's pad has been rarely reported. In this case report we have demonstrated a case of GCTTS in a 37 year old female in Hoffa's fat pad of knee. The patient had presented with the symptoms of pain and swelling in her left knee and provisionally diagnosed as ganglion cyst. The radiographic findings were inconclusive. The diagnosis was confirmed with excisional biopsy after the tumor was completely removed. This is a unique case report which shows

the presence of a large tumor (5×3×2 cm) in Hoffa's fat pad which was diagnosed as GCTTS and managed with open-resection due to its size. Oxford knee score has improved from 34 from the time of presentation to 58, six months post surgery. The patient was pain free, had full range of motion and had returned to previous level of activities and there was no sign of any recurrence. Giant Cell Tumor should be kept as a differential of non-traumatic chronic knee pain in young individuals.

Biography

Rakesh Goyal has completed his Master of surgery in field of orthopedics from Gujarat University, India. He has worked as senior resident in Sir GangaRam Hospital, New Delhi. He is currently working as senior resident in department of orthopedics in Lok Nayak Hospital and Maulana Azad Medical College, New Delhi, India.

goyal.rakesh.in@gmail.com

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