Angioleiomyoma: A Rare Cause of Anterior Knee Pain (Case Report)

Al Khalifa Nayla, MB BCh, BAO* Falamarzi Faisal, MD** Al Hashimi Hind, MB BCh, BAO*** Butt Ahsan, MBBS, FRCS TIA****

ABSTRACT

Introduction: Vascular leiomyomas or angioleiomyomas are rare benign tumors of the soft muscles within blood vessels, which are usually found in the lower extremities in females.

Case Presentation: In this case report, we discuss a rare case of subcutaneous vascular leiomyoma of the right knee of a forty-nine-year-old woman who presented with increasing anterior right knee pain and soft tissue swelling. Clinical findings, plain radiographic, ultrasonography and histopathologic findings of the tumor are discussed.

Conclusion: This paper reinforces that angioleiomyomas are rarely diagnosed by clinical features alone, and imaging modalities are essential for early detection and excision.

Keywords: Vascular leiomyoma, Angioleiomyoma, Subcutaneous tumors, Ultrasound

Bahrain Med Bull 2022; 44 (1): 885 - 888

| * | Senior House Officer |
|------|---|
| | Internal Medicine Department |
| | Royal College of Surgeons in Ireland |
| | Medical University of Bahrain. E-mail: najlakhalifa@gmail.com |
| ** | Orthopedics Department |
| | Arabian Gulf University |
| | Bahrain |
| *** | Intern |
| | Orthopedics Department |
| | Medical University of Bahrain |
| **** | Consultant Trauma & Orthopedic Surgeon |
| | Fellowship in Adult Reconstruction Surgery |
| | University of Toronto |
| | Canada |