

# AN UNUSUAL CASE OF PSEUDOCYST OF THE HIP MIMICKING MOREL-LAVALLEE

<sup>1</sup>Zhi Yung C; <sup>2</sup>Norsaidatul NAS, <sup>3</sup>Nur Aini AB <sup>1</sup>Rashdeen FMN

<sup>1</sup>Department of Orthopaedic, <sup>3</sup>Department of Pathology, Hospital Selayang, Selangor.

<sup>2</sup>Department of Orthopaedic Surgery&Traumatology, Faculty of Medicine, UiTM Sg Buloh, Selangor.

## INTRODUCTION:

Soft tissue masses are common encountered clinical entities. Non-pancreatic pseudocyst is a rare form of soft tissues masses and varies in location and symptomatology. We report a rare case of pseudocyst at the right hip.

## REPORT:

A 30-year-old female with history of motor vehicle accident 18-months ago sustained swelling over right hip 9-months post trauma. Patient had difficulty in ambulation because the big mass and pain at her right hip in the past 4-months. On examination, a 30x30cm swelling over lateral aspect of right hip was found - no skin changes, no lymph nodes palpable MRI right hip showed well-capsulated deep subcutaneous lesion in the lateral aspect of right upper thigh measuring 13.7x11.5x19.4cm with irregular curvilinear hypo-intensities and multiple thick septations.

Excision biopsy of the mass was sent for histopathological examination.

Result showed thick hyalinized fibro-collagenous cyst wall devoid of epithelium lining containing necrotic debris, fibrin material and blood. Tissue and fluid culture taken intraoperatively showed no growth.

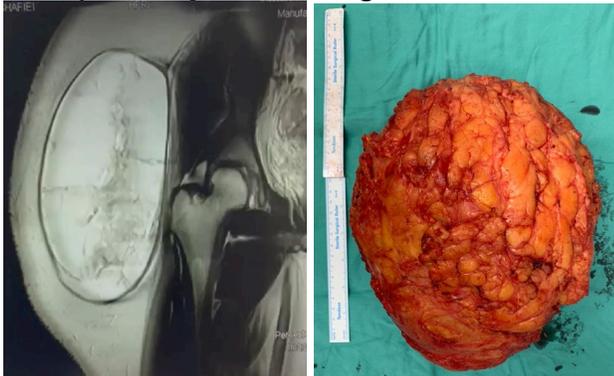


Figure 1:  
MRI right hip

Figure 2:  
Biopsy taken intra-  
operatively

## DISCUSSION:

Pseudocysts are defined as fluid collections within a capsule without epithelium. Majority of reported pseudocysts are iatrogenic in nature and can be caused by trauma. The formation of these pseudocysts is attributed to the persistence of hematoma or abscess. Chronic Morel-Lavallee-Lesion (MLL) is a possible diagnosis for this case.

## CONCLUSION:

Patient presented with a rare case of massive right hip pseudocyst. Whilst soft-tissue masses are frequently reported, non-pancreatic pseudocysts remain rare entities. Pseudocysts can be another differential of such presentations. Identifying pseudocyst is challenging. Imaging is a valuable tool in diagnosing such lesions and histopathological-examination is essential for tissue diagnosis.

## REFERENCES:

1. Moussally,M.,Khalifeh,et.al(2020). Case report: Back pseudocyst of unknown origin. *International Journal of Surgery Case Reports*, 75,235–237. <https://doi.org/10.1016/j.ijscr.2020.08.022>
2. Tay,S.K., & Wahab,A.(1989). Traumatic pseudocyst of the pancreas--a case report. *The Medical journal of Malaysia*, 44(4), 357-360.