# Disseminated Extra Nodal Diffuse Large B-Cell Lymphoma with Genitourinary and Extensive Osseous Involvement Mimicking Metastatic Solid Malignancy

N.KHALIL , I.JERSAT , N.RACHWAN ,G.ELGOHARY
1. University of Alexandia ,Egypt ,SMC HealthCare ,Riyadh, Saudi Arabia.
2. Jodnian Medical Council ,SMC Health Care ,Riyadh, Saudi Arabia.
3.Lebanase University ,SMC Health Care , Riyadh, Saudi Arabia.
4.Ain Shams University ,Egypt , SMC Health Care, Riyadh, Saudi Arabia.

## INTRODUCTION

**Diffuse large B-cell lymphoma (DLBCL)is the most common subtype of non-Hodgkin lymphoma; however, extensive extranodal involvement affecting the genitourinary tract and skeletal system remains uncommon.**

## CASE PRESENTATION

**We report a 55-year-old male gentleman known to have autosomal dominant polycystic kidney disease presenting with back pain, neurological deficits, and urinary symptoms. Imaging studies revealed a T12 pathological fracture with cord compression, diffuse vertebral infiltration, a large bladder mass with extra-vesical extension, prostatic involvement, renal infiltration, pulmonary nodules, and widespread lymphadenopathy, raising suspicion of metastatic malignancy.**

**Patient developped cancer associated thrombosis and also CMV infection was reported.**

## METHOD

**Laboratory investigations and imaging studies showing hypercalcemia, hyperuricemia, acute kidney injury, and anaemia; multiple myeloma was excluded.**

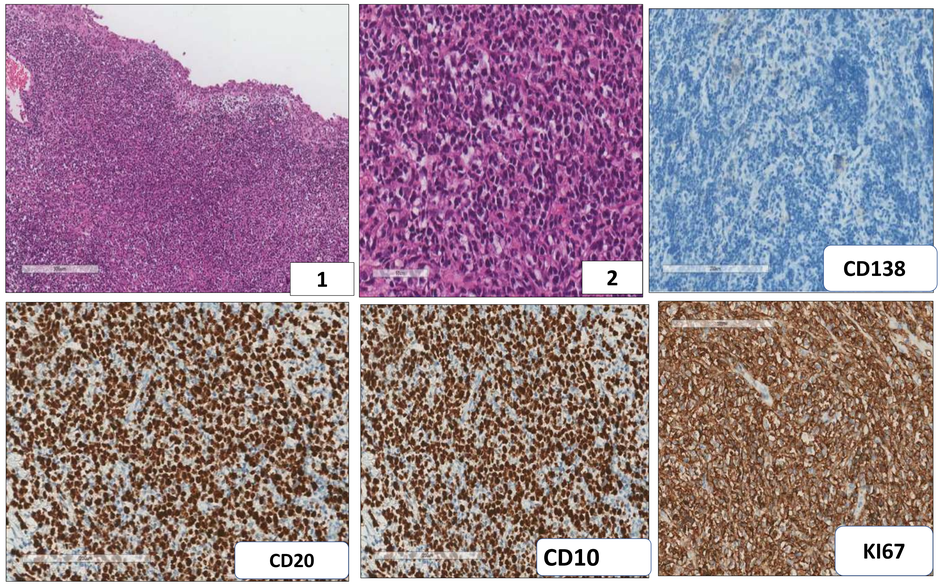
**Bladder biopsy confirmed germinal centre-type DLBCL (CD20+, CD10+, BCL6+, Ki-67 ~80%). The patient was at high risk for CNS dissemination (CNS-IPI 5) .**

## CONCLUSIONS

**This case illustrates an exceptionally aggressive and atypical presentation of disseminated extranodal DLBCL involving the genitourinary tract and extensive skeletal system, mimicking metastatic solid, highlighting the importance of maintaining a high index of suspicion for lymphoma in unusual multisystem presentations and emphasizing the substantial therapeutic challenges encountered in advanced disease complicated by organ dysfunction and competing infectious and thrombotic events**

## RESULTS

**Figure1&2: Histopathological examination demonstrating diffuse infiltration by large atypical lymphoid cells.**
**Figure 4: Immunohistochemistry showing CD20 positivity.**
**Figure 5: CD10 expression supporting germinal center phenotype.**
**Figure 6: High proliferative activity with Ki-67 index approximately 80%.**

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## CONTACT INFORMATION

- ghelgohary@gmail.com
- +966504462057

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