

# Lymphoma masquerading as primary ovarian malignancy: An atypical presentation in a young woman

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## ABSTRACT

**Introduction:** Lymphoma involving the ovaries is rare and can mimic primary gynaecologic malignancies. Early recognition is crucial to avoid unnecessary surgery and improve outcomes. **Case Description:** We are presenting a case of a 22-year-old Malay woman who presented with a brief history of lower back pain which progressed to bilateral lower limb weakness and urinary incontinence. MRI and CT imaging showed bilateral solid adnexal masses, tumour metastases to bilateral renal + lung. Tumour markers were inconclusive, except for a markedly elevated LDH and slightly elevated CA-125. The initial diagnosis was ovarian malignancy with possible spine metastases. Diagnostic laparoscopy revealed bilateral ovarian tumours; intraoperative findings and tissue biopsy confirmed Diffuse Large B-Cell Lymphoma (DLBCL), Germinal Centre B-cell (GCB) type. Postoperatively, the patient deteriorated due to sepsis and succumbed shortly after diagnosis. **Discussion:** DLBCL can rarely present as bilateral adnexal masses with systemic involvement in young patients. Clinicians should consider lymphoma in the differential diagnosis of ovarian masses, particularly when accompanied by atypical systemic signs.