Hidden In Plain Sight: The Case of a Cord Liposarcoma Disguised as an Inguinal Hernia

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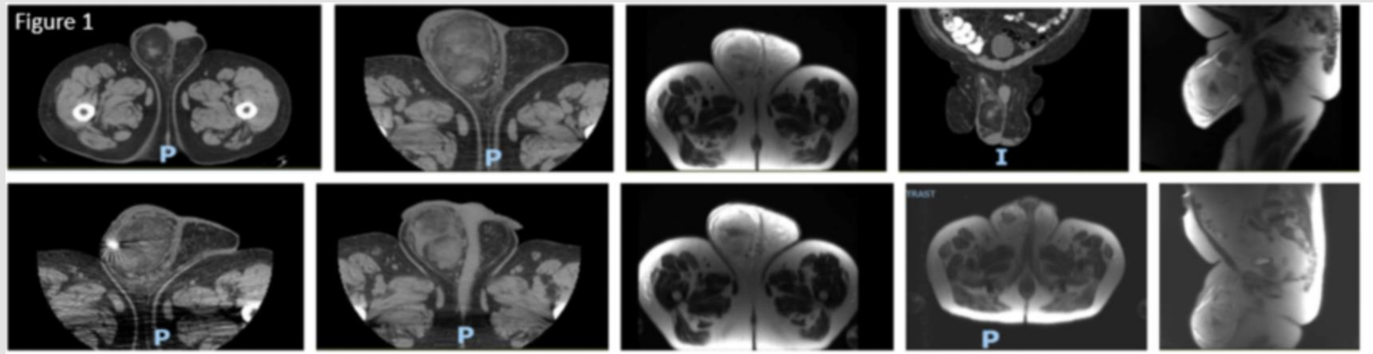
Introduction

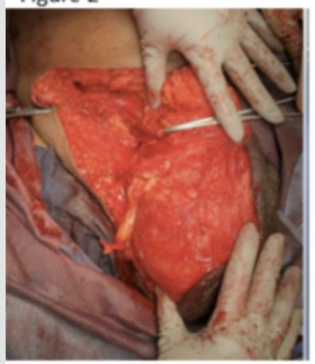
- Cord Liposarcoma is a rare tumor of the spermatic cord
- Can mimic common clinical conditions like inguinal hernias, resulting in diagnostic challenges

Case Presentation

- 69 year old male presents with painless, progressive enlarging mass in the right inguinal region
- He has a history of bulging and discomfort, suggesting a reducible hernia
- PE: nontender mass in the right inguinal canal

Imaging




Figure 2

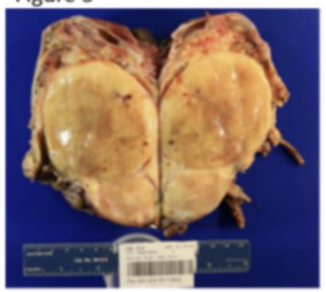
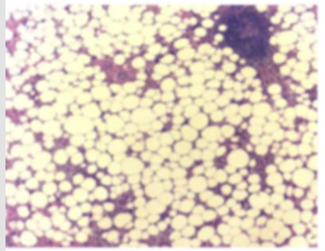
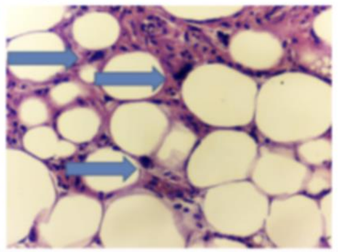

Figure 3


Figure 4


Figure 5


Figure 6


Figure 7

Cord Liposarcoma

Figure 1: CT pelvis guided needle biopsy and MRI of the pelvis. Coronal CT showing fat is continuing through the inguinal canal into the retroperitoneum.
Figure 2: OR - inguinal area after mass removal
Figure 3: Gross specimen sagittal plane
Figure 4: gross specimen lateral view
Figure 5: gross specimen medial view
Figure 6: Low power hypercellular stroma
Figure 7: High power hypercellular stroma with atypical adipocytes with enlarged nuclei and hyperchromasia.

Surgical Management

- The patient underwent surgical exploration for an orchidectomy
- A mass was identified in the spermatic cord, along with the appendix and a small portion of the cecum in the hernia sac
- The appendix was ligated and the cecum was returned to the abdomen
- Histopathological analysis: liposarcoma

Discussion

- Cord liposarcoma is a rare soft tissue tumor, often challenging to diagnose due to its deceptive presentation
- Common conditions can overshadow this malignancy leading to misdiagnosis and delayed treatment
- Early recognition is critical
- This case underscores the importance of considering a rare diagnosis when standard presentations take an unusual course
- A multidisciplinary approach involving various services is key to accurate diagnosis and timely intervention