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Topic: Biliary & Pancreas

ATYPICAL PRESENTATION OF CLL/SLL AS A PANCREATIC MASS

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Background: Chronic lymphocytic leukemia/small lymphocytic lymphoma (CLL/SLL) is a mature B-cell neoplasm and the

most prevalent leukemia in adults in Western countries, though it is less common in Asian populations and more

frequently observed in males. This case involves a 54-year-old female with no underlying disease, who presented with an

incidental finding of a pancreatic tumor.

Methods: A 54-year-old female with no underlying disease presented with left lower quadrant pain and dysuria. Initial

evaluation with non-contrast MDCT revealed a 0.4 cm ureterovesical junction stone without associated hydroureter or

hydronephrosis, as well as an incidental 2.6 x 3.8 x 5.1 cm isodense soft tissue mass in the gastrohepatic region abutting

the pancreatic tail. Subsequent contrast-enhanced MDCT identified a well-defined, enhancing lesion measuring 2.4 x 3.7

cm attached to the antero-superior aspect of the pancreatic body, raising suspicion for an exophytic pancreatic tumor. The

patient underwent laparoscopic spleen-preserving distal pancreatectomy.

Results: Histopathological analysis of the resected specimen revealed chronic lymphocytic leukemia/small lymphocytic

lymphoma (CLL/SLL) involving an adjacent lymph node.

Conclusions: This case underscores the importance of investigating incidental findings on imaging. Although the mass

initially mimicked a pancreatic tumor, a multidisciplinary approach and surgical intervention led to a definitive diagnosis of

CLL/SLL. Clinicians should be aware of extranodal presentations of lymphoma that can mimic primary organ tumors.

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