عنوان مقاله:
Adrenal myelolipoma: a case report

محل انتشار:
دومین کنگره بین المللی پزشکی افضلی پور (سال: 1397)

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نویسندگان:
Elham Jafari - *Assistant professor of pathology and stem cells research center, pathology department, Afzalipour Kerman University of medical sciences, Kerman, Iran*

.Ali Hadipour - *MD, Department of pathology, Kerman University of medical science, Kerman, Iran*

.Najmeh sadat Fadaei - *MD, Department of pathology, Kerman University of medical science, Kerman, Iran*

.Hamid Pakmanesh - *MD, Department of urology, Kerman University of medical science, Kerman, Iran*

خلاصه مقاله:
Background: Myelolipoma is a tumor like lesion with two distinct elements, including adipose tissue and bone marrow hematopoietic cells. In 1905, for the first time the lesionwas described by Gierke, but the term Myelolipoma was introduced by Obreling in 1929. The tumor has most often been identified in adrenal gland without malignantbehavior or endocrine disturbance symptoms. It usually affects males and females equally in adult life. Radiologic imaging like CT scan or MRI is the most common way ofdetecting myelolipoma in adrenal gland. Myelolipomas account for 3-5% of all primary tumors of adrenals Case report: We report a case of 46-years-old man presented with nonspecific abdominal pain for one year, who had right adrenal mass with fat density detected by radiologic investigation. Histopathological assessment of right adrenalectomy specimen revealed the diagnosis of adrenal myelolipoma.Conclusion: Myelolipoma is a rare benign tumor found in adrenal and less frequent in extra adrenal regions. Reviewing of the past literatures shows an incidence of 0.08 to 0.4%at autopsy. The tumor is typically asymptomatic and hormonally inactive, but large sized masses may cause abdominal or back pain. It is characterized by presence of matureadipose tissue admixed with active bone marrow elements, from all three lineage hematopoietic .cells (erythroid, myeloid, and megakaryocytic), but often with markedly increased megakaryocytes

کلمات کلیدی:
Myelolipoma, Adrenal, Adrenalectomy