

27 ULUSAL PATOLOJİ KONGRESİ



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INCIDENTAL GALLBLADDER PARAGANGLIOMA

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Gallbladder paraganglioma is a very rare tumor, and only a few cases have been reported. Paragangliomas are rare neuroendocrine, neural crest-derived tumours, found in diverse locations. Most of these cases were asymptomatic and found incidentally during operation. Paragangliomas are very rare in the gallbladder. We aimed to present a non-functional gallbladder paraganglioma.

Here we report the case of a 61-year-old female. Laparoscopic cholecystectomy was performed.

Macroscopically, the gallbladder dimensions were 6.5×4.5×0.3 centimeters, and a lot of stones were seen with a diameter of 5-10 millimeters. A well-circumscribed, round, 0.4-cm-diameter intramural mass was settled in the neck of the gallbladder. The pathologic examination reported gallbladder paraganglioma and chronic cholecystitis. The paraganglioma was well encapsulated, and it positively reacted immunohistochemically. The chief cells showed diffuse and strong cytoplasmic positivity with vimentin and synaptophysin, and sustentacular cells stained with S-100. Vascular invasion, tissue necrosis, and infiltrative growth pattern were not shown.

The prognosis and characteristics of paragangliomas can be understood clearly with the increasing number of cases. A careful search must be carried out for the possible association with MEN syndrome.

Anahtar Kelimeler : Gallbladder, paraganglioma, chronic cholecystitis