



CIRUGÍA ESPAÑOLA

www.elsevier.es/cirugia


Video of the month

Laparoscopic resection of a functional paraganglioma



Resección laparoscópica de paraganglioma funcionante

Carlos Rodríguez-Otero Luppi,* Manuel Rodríguez Blanco, Amalia Pelegrina Manzano

Unidad de Cirugía General y Digestiva, Clínica ServiDigest, Barcelona, Spain

The patient is a 41-year-old woman with a history of poorly controlled hypertension, headaches and sweating, who was diagnosed with a retroperitoneal tumor compatible with a functional paraganglioma. Laboratory tests showed elevated normetanephrine levels. PET/CT demonstrated uptake by a retroperitoneal mass measuring 4.5 cm in diameter, located anterior to the inferior vena cava and aorta, and posterior-inferior to the duodenum. After alpha blockade for 3 weeks and preoperative beta blockade, she underwent laparoscopic surgery with complete excision of the lesion. During surgery, she presented hypertensive crises during manipulation of the

tumor, which remitted once it was removed. Biopsy confirmed the suspected radiological and biochemical diagnosis: paraganglioma.

Appendix A. Supplementary data

Supplementary material related to this article can be found, in the online version, at doi:<https://doi.org/10.1016/j.cireng.2022.07.031>.

* Corresponding author.

E-mail address: crodriguezoterol@gmail.com (C. Rodríguez-Otero Luppi).
<http://dx.doi.org/10.1016/j.cireng.2022.07.031>

2173-5077/© 2022 AEC. Published by Elsevier España, S.L.U. All rights reserved.