Treatment of Nutcracker Syndrome: A Mini Review

Esaú Nefthaly Torres Cisneros*
Vascular Surgery Resident, Department of Vascular Surgery, XXI Century National Medical Center, Mexican Social Security Institute, Mexico City, Mexico.

Abstract
The nutcracker syndrome is a rare entity caused by compression of the left renal vein by the superior mesenteric artery and aorta. The diagnosis is a challenge because the variability of symptoms (hematuria is the most common) and required imaging such as ultrasound, tomography, resonance or venography to confirm. The treatment is still controversial but there are multiples options from non-surgical treatment to open surgery and endovascular interventions, each with its indications, advantages and disadvantages. In this article we present a mini review of the therapeutic options we currently have to treat this rare syndrome.

Keywords: nutcracker syndrome; left renal vein; superior mesenteric artery; aorta; hematuria; pelvic pain; endovascular; open surgery

References