

A Case of Gastro-Duodenal Artery Aneurism: Treatment and Complications

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Abstract

We present the case of a 75-year-old patient with asymptomatic gastro-duodenal artery aneurism (GAA) that was coiled through the left femoral artery. The gastro-duodenal artery (GDA) was then embolized. Following the intervention, the patient's left foot became cold. A sub-acute ischemia caused by a stenotic effect in the left external iliac artery and by lower limb embolic phenomena caused by the introducer, was diagnosed. A thromboembolectomy of the popliteal, anterior and posterior tibial and peroneal arteries was performed with a Fogarty catheter with good results. Aneurisms of the GDA are rare. Rupture is a severe and unpredictable complication that complicates management and darkens prognosis. Though endovascular treatment for splanchnic aneurisms are used more and more often and offers numerous advantages compared to surgery, it is not without risk. A multidisciplinary approach with careful collaboration between the surgeon and the radiologist is recommended.

Abbreviations: GAA: gastro-duodenal artery aneurism, GDA: gastro-duodenal artery

Key words: aneurism, embolization, surgery