

2009 A successful case of Popliteal Artery Entrapment Syndrome Treated by Endovascular Treatment

Popliteal artery entrapment syndrome (PAES) is rare cause of limb ischemia. Although gold standard treatment of PAES is open surgery, we treat the patient with PAES by Endovascular treatment (EVT) for several reasons. A 10's male who did not have the risk factor of atherosclerosis was referred to our institution for treatment of intermittent claudication. Computed tomography angiography (CTA) revealed that the bilateral popliteal artery (POA) was occluded without any cause of obstruction.

He was diagnosed type 6 PAES by multi detected devices. We treated the bilateral POA by EVT. The ankle brachial index was increased at the both lower limbs after EVTs without any symptom. The 4 months follow up showed good clinical outcome. EVT might be one of treatment options for PAES depending on the cause of mechanism.