

Abstract Type : Poster

Abstract Submission No. : PO-1493

Spontaneous rupture of a renal artery pseudoaneurysm in a hemodialysis patient

Seunghye Lee¹, Se-Ho Chang¹, Hyun-Jung Kim¹, HyunSeop Cho¹, Ha Nee Jang¹, Dong Jun Park², Eunjin Bae², TAE WON LEE², Sehyun Jung¹

¹Department of Internal Medicine-Nephrology, Gyeongsang National University Hospital, Korea, Republic of

²Department of Internal Medicine-Nephrology, Gyeongsang National University Changwon Hospital, Korea, Republic of

Case Study:

Introduction: Renal artery pseudoaneurysm is a rare vascular lesion. Particularly, spontaneous rupture of pseudoaneurysms without predisposing events in hemodialysis patients has not been reported. We report a rare case spontaneous renal pseudoaneurysm rupture in a patient undergoing hemodialysis with Alport syndrome.

Case: A 25-year-old male with a history of end-stage renal disease visited the emergency room due to sudden severe right flank pain. He had no history of trauma or urological procedure except for a left renal biopsy to diagnose Alport syndrome 10 years ago. Diagnostic tests were performed. Contrast-enhanced computed tomography revealed right perirenal hematoma with pseudoaneurysms. Renal angiography was performed for diagnosis and treatment. On renal angiography, multiple pseudoaneurysms were observed and embolization was performed. No further aneurysms were observed after angiography.