

PP 7 - Successful Management of Ruptured Renal Artery Aneurysm Presenting as Right Side Lumbar Abdominal Pain and Distension in a 67-Year-Old Patient Using Interventional Radiology Technique

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Introduction: Renal artery aneurysms (RAAs) are rare vascular abnormalities, often asymptomatic and discovered incidentally. Rupture is an uncommon but life-threatening complication.

Case Presentation: We present a case of a 67-year-old patient presented with right side lumbar region abdominal pain and distension. There was a cystic mass in the right side upper abdomen. We suspected gall bladder, bowel or renal pathologies. USS abdomen and CT scan was arranged after the basic blood investigations.

Results: Significant Haemoglobin drop was noticed in blood investigations and at the same time USS and CT scan was suggested right side ruptured renal artery aneurysm. Based on clinical findings and investigations, who was diagnosed with a ruptured renal artery aneurysm. Blood transfusion was started and interventional radiology intervention was selected as it is a minimally invasive endovascular intervention. Managed successfully through endovascular particles embolization.

Discussion and conclusion: Though, renal artery aneurysms and ruptured renal artery aneurysms are rare can be managed successfully. Specially, with minimally invasive intervention by interventional radiologist.

Keywords: A Case Report, Abdominal pain and Distension, Ruptured Renal Artery Aneurysm, Particles Embolization, Interventional Radiology