A 55-yr old woman presented to the Department of Medicine at Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi, India, in May, 2012 with symptoms of abdominal angina, and 5 kg weight loss over the last eight weeks. She had no history of jaundice or melena. On examination, abdomen was soft with no organomegaly. Laboratory workup showed anaemia with haemoglobin 8.4 g/dl, and normal white cell and platelet count. Contrast-enhanced CT abdominal angiography revealed severe occlusive atherosclerotic aortoiliac disease, non-visualization of infrarenal abdominal aorta with Arc of Riolan (AOR) connecting superior mesenteric and inferior mesenteric arteries (SMA and IMA) (Figs. 1, 2). She was put on antispasmodics and was advised for endovascular surgery. However, the patient has refused surgery and is on follow up.

AOR, named after Jean Riolan, a French anatomist, is also known as meandering mesenteric/central anastomotic artery. It connects middle colic branch of SMA with left colic branch of IMA that runs close to the root of the mesentery. In SMA/IMA/distal aortic occlusion, the AOR provides collateral flow between IMA and SMA. CT angiography is the investigation of choice in such cases as it can visualize surrounding organs, minimally invasive, allows 3D...
image reformatting and has a higher sensitivity and specificity\(^2\). Another such collateral is the marginal artery of Drummond. Identification of this rare anatomic variation is important for intervention radiologists.

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**References**