

Anomalous Course of Left Ovarian Vein Associated with Pelvic Congestion Syndrome

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Abstract : Pelvic congestion Syndrome (PCS) is usually seen in multiparous women who give history of chronic dull-aching pelvic pain. We report a case of a 17 year old unmarried female, who presented with acute onset of chronic dull-aching abdominal pain in the left iliac fossa, which particularly increased during menstruation and was finally diagnosed to be pelvic congestion syndrome. On ultrasonography, multiple tortuous and dilated veins were observed in the left adnexa. Both ovaries appeared normal in size, volume and echotexture. Computed tomography (CT) angiography was performed to precisely delineate the venous pathway and to assess any associated abnormality; which showed a dilated and tortuous left ovarian vein with an anomalous course around the left kidney and draining into the left renal vein. Clinical parameters and hormonal levels were within normal limits. This is a rare case of anomalous course of left ovarian vein associated with pelvic congestion syndrome.

Keywords : anomalous course of ovarian vein, computed tomography, pelvic congestion syndrome, ultrasonography

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