

An Extremely Rare Anatomical Vascular Variant of Lower Limb Arterial System - Duplication of Superficial Femoral Artery

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Abstract : Understanding the anatomy and normal anatomical variations of the lower limb arterial system is undeniably important not only to understand the pathology involving the vessels of the lower limb but also as a part of endovascular intervention and surgical planning in cases that demand them as a part of treatment. There have been very few cases of duplication of SFA cited in the literature, close to six worldwide and this being the seventh case in the world and first to be reported in the Indian population. We incidentally came across this normal variant during US lower limb (US-LL) duplex scan in a patient with claudicating pain in bilateral lower limbs hence suspected of having peripheral vascular disease. It was confirmed on CT-Peripheral Angiography (CT-PA), which was done successively.

Keywords : peripheral vascular disease, claudicating pain, normal anatomical variants, endovascular intervention, duplication, CT-peripheral angiography, duplex scan, Iohexol

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