

## **A rare cause of Lower extremity DVT - May Thurner Syndrome**

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May-Thurner syndrome (MTS), also known as iliac compression syndrome, is a rare syndrome characterized by stenosis of veins in the left leg, usually presenting between the second and fourth decades of life. We present the case of a 50 year old male, who presented with left lower extremity swelling and redness and was diagnosed with this condition. Revascularization is the definitive treatment in symptomatic MTS. Our patient underwent pharmacomechanical thrombectomy, balloon angioplasty of the L common iliac vein with stenting and remains on long term anticoagulation. We wish to highlight the common presentation, diagnosis, treatment modalities and complications that may arise if untreated from this case.

### Objectives

- May–Thurner syndrome (MTS) should be suspected especially in younger patients in whom no cause for DVT has been found.
- It is always important to rule out other causes of hypercoagulability before diagnosing May Thurners syndrome
- Major complications of MTS include chronic leg swelling, stasis ulcers, including life-threatening conditions such as pulmonary embolism and post-thrombotic syndrome.
- Endovascular intervention with thrombolysis and stenting is considered the first line treatment for MTS