

MAY-THURNER SYNDROME

Minimally invasive treatment options for MTS, Postural Orthostatic Tachycardia Syndrome (POTS) and Orthostatic Intolerance (OI)



Up to **74%** of MTS cases occur in **WOMEN**¹

72% of MTS cases are diagnosed in patients between **25 AND 50 YEARS OF AGE**^{2,3}

ANATOMICAL COMPRESSION may be present in up to **4.3% OF PATIENTS** with **PROXIMAL DVT**⁴



MTS is **INCREASINGLY RECOGNIZED** in adolescents and young adults, especially those **USING FEMALE ORAL CONTRACEPTIVES**.

77% of symptomatic patients develop iliofemoral DVT⁵

A **HIGH PREVALENCE OF PEVD IN POTS/OI PATIENTS** suggests an association between the two diagnoses.⁶



Endovascular treatment has become the preferred approach for May-Thurner syndrome, with excellent technical success rates and clinical outcomes across diverse patient populations. It offers safe and effective relief of venous obstruction with excellent long-term results.^{7,8} Clinical evidence supports intervention for both acute thrombotic presentations and chronic symptomatic cases.

Patients with POTS and OI commonly present with symptoms suggestive of pelvic venous disorders. MTS acts as a structural driver of POTS symptoms by compressing the left iliac vein, causing severe blood pooling in the pelvis and legs. Significant symptom improvement and improved quality of life for patients with these conditions can be achieved with these same endovascular techniques.

CT or MRI with contrast may be performed to evaluate the pelvic vasculature and iliac venous system.

Treatments performed by URVI physicians include catheter-directed thrombolysis and mechanical thrombectomy, with the possible placement of an IVC filter to prevent pulmonary embolism. Balloon angioplasty followed by stent placement if warranted may also be utilized to address the underlying compression of the left iliac vein.

Complete or partial improvement is experienced by 85-94% of patients with classic May-Thurner symptoms.⁹ Complications are rare and may include minor bleeding. Recurrent DVT may be experienced by 22-38% of patients, particularly with residual stenosis.¹⁰

For more information, or to consult with us about a patient you feel could benefit from endovascular treatment of MTS, POTS or OI, please call us at (908) 874-9236

UNIVERSITY RADIOLOGY



Vascular &
Interventional Center

Phone: (908) 874-9236

Fax: (908) 874-9237

16 Mountain Blvd. • Warren, NJ 07059

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The doctors of University Radiology Vascular & Interventional Center perform minimally invasive, imaging-guided procedures to treat a growing number of diseases and chronic health conditions. We offer timely, informative consultations with our patients to ensure they have the information they need to make the decision that's right for them. Treatments are performed in our state-of-the-art outpatient center, where patients experience concierge-style service and a comfortable environment.

Learn more at [urvascular.com](http://urvvascular.com)

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