

Our physicians represent the “best of the best”—nationally recognized as innovators and leaders in the field of vascular and interventional radiology—advancing the treatment and science of amputation prevention.

Our commitment to minimally invasive, image guided, non-surgical procedures places our organization at the forefront of endovascular care.

We Save the Limbs that Others Can't.



**American
Endovascular**
& Amputation Prevention

October, 2021 CASE OVERVIEW

We prevent more than 80% of amputations in patients who were told there was no other option.

Treatment of Chronic Venous Insufficiency CASE OVERVIEW - Christopher Donikyan, DO

Consultation—History

- 76 year old female patient presents with severe bilateral lower extremity swelling and discoloration.
- She also reports a heavy feeling in her legs which limited her ability to walk and daily activity.
- She has flaking skin with non-healing wound on right anterior shin.
- These changes have progressed over the past six years.
- CEAP 4B disease bilaterally.
- Patient has been using compression therapy for more than 12 months but has difficulty getting the stockings on her legs.

Plan and Treatment at the Center

• TESTING

Doppler Ultrasound:

shows significant bilateral great saphenous vein reflux of 2 seconds or greater from saphenofemoral junction to below the knee great saphenous vein and severe reflux in both legs.

• TREATMENT

EVLT:

- bilateral laser ablation of the great saphenous vein using tumescent anesthesia and conscious sedation.
- the legs were treated separately, about 3 weeks apart to allow for healing in between.

PRE-TREATMENT - LEFT LEG



PRE-TREATMENT - RIGHT LEG



"I was deeply impressed with the comprehensive care I received. The staff and the doctor provided relevant care and questioned me about my medical history. The doctor listened to my answers and made me feel comfortable..."

"Excellent care by people who care. Every step was explained and my comfort was a priority. Highly recommended."

No patient should undergo an amputation without seeing us first.

POST-TREATMENT - LEFT LEG



POST-TREATMENT - RIGHT LEG



PATIENT FOLLOW-UP

- The patient returned 8 weeks after treatment of both legs.
- In office ultrasound performed confirming occlusion of bilateral great saphenous veins.
- Significant improvement in swelling and discoloration.
- Near complete healing of right anterior shin wound.
- Improved skin texture, less flaking and skin color.
- Improvement of heavy feeling and discomfort in her legs. Patient is now able to walk more throughout the day.

DISCUSSION

- Our patient presented with skin changes and active non-healing wounds secondary to chronic venous insufficiency. This affected her ability to walk throughout the day.
- Doppler ultrasound diagnosed bilateral GSV insufficiency.
- EVLT performed with mild sedation in outpatient office; procedure time 20 minutes.
- Alternative treatments include VenaSeal, Sclerotherapy, etc.
- 8 week initial follow-up shows significant improvement in leg swelling, discoloration and skin texture. Wounds are also almost completely healed.
- Improved ability to walk, significant improvement to her quality of life.

"My experience here was absolutely phenomenal. I think the treatment here and the employees here are absolutely incredible."

"You and your staff were very professional and I felt very comfortable with both procedures... I love that you explained everything so that I understood."

Patient Comments

**Breakthrough, Minimally Invasive,
Limb Saving Treatments
performed in a fully equipped outpatient center—**

**We believe in "TOE AND FLOW"
collaboration of care.**

**Podiatrists treat the toe;
we treat the flow.**

After restoring blood flow, even in the most complex cases, we collaborate with referring doctors to ensure all patients are returned to their podiatrists for continued treatment.

Highly Trained, Board Certified Endovascular Specialists—



**Christopher Donikyan, DO
Interventional Radiologist**

Dr. Donikyan received his medical degree from NOVA Southern University College of Osteopathic Medicine and internship at the NY College of Osteopathic Medicine at St. Barnabas Hospital. He completed a diagnostic radiology residency at the Philadelphia College of Osteopathic Medicine at St. Barnabas Hospital and a fellowship at Mt. Sinai Medical Center. He is board certified by the American Osteopathic Board of Radiology in diagnostic radiology, with a certificate of added qualification in vascular and interventional radiology.

To refer a patient to any of our convenient centers, call:

1.833.PAD.EXPERT (833.723.3973)

**Lower Manhattan Endovascular Center
202 Centre Street, 5th Floor, New York, NY 10013**

**Brooklyn Endovascular Center
71 Carroll Street, Brooklyn, NY 11231-2767**

**Harlem Endovascular Center
505 East 116th Street, Suite 400, New York, NY 10029-1704**

**Queens Endovascular Center
28-18 31st Street, 2nd Floor, Astoria, NY 11102**

**Fishkill Endovascular Center
60 Merritt Boulevard, Suite 107, Fishkill, NY 12524**

**NJ Endovascular & Amputation Prevention
347 Mount Pleasant Avenue, Suite 100, West Orange, NJ 07052**

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