# **5 CONVENIENT LOCATIONS**

Teaneck Office 222 Cedar Lane Suite 204 Teaneck, NJ 07666 (201) 343-4510

Edgewater 103 River Road Edgewater, NJ 07020 (201) 941-8100

Secaucus Office 38 Meadowlands Parkway Secaucus, NJ 07094 (201) 866-5151

North Bergen Office 7322 Bergenline Avenue North Bergen, NJ 07047 (201) 971-8100

Hoboken Office 2 Marine View Plaza Hoboken, NJ 07030 (201) 866-5151 CROSS COUNTY CARDIOLOGY CARING FOR HEARTS & CHANGING LIVES





At Cross County Cardiology, we are committed to providing quality care in a patient-centered, safe and comfortable environment. Led by our board-certified doctors, our caring team of vein specialists are dedicated to the proper evaluation, diagnosis, management and treatment of all vein disorders. With a focused attention on the specialty of venous disease, we help patients suffering from swollen, achy, painful legs get back the quality of life they deserve!



**OUR** DOCTORS

Fernando Segovia M.D.

Chris Puill M.D.



Rick Pumill M.D.

Yaron Bareket M.D.





Kevin Soriano, M.D.

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### TREATMENT OPTIONS

#### Conservative

Refers to non-invasive forms of treatment, where medications and surgery are not used to treat varicose veins. This may include suggestive lifestyle changes and wearing compression stockings.

### Sclerotherapy (Injection & Foam)

Commonly used to treat spider veins and small varicose veins. It involves the injection of an FDA-approved sclerosing solution (polidocanol) which causes the lining of the vessel to swell and stick together diminishing the appearance of the vein.

#### Radio-frequency Ablation

A minimally invasive, non-surgical option for treating saphenous vein reflux disease. Under local anesthetic, a thin catheter is inserted into the vein through a small opening. Radiofrequency (RF) energy is applied to the vein wall, causing it to heat, collapse, and seal shut rerouting flow to other healthy veins.

### Saphenous Vein Ablation

Under ultrasound guidance, this technique utilizes a thin catheter and laser or radiofrequency energy applied to the inside of the vein. This heats and seals the vein closed, re-establishing normal flow to the other veins.

### Ambulatory Phlebectomy

A local anesthetic fluid is injected into the area of the varicose vein clusters to be treated. A small scalpel or needle is used to puncture the skin next to the varicose vein, and a small hook is inserted into the hole, to grasp and then remove the vein. The area is covered with a compression bandage and/or compression stockings, and the patient is able to walk immediately following the procedure. No anesthesia or stitches are required and the scars from ambulatory phlebectomy are nearly imperceptible.



### FREQUENTLY ASKED QUESTIONS

#### • What are Varicose Veins?

Varicose veins happen when small valves in veins break and cause the blood in them to flow in the wrong direction. This causes the veins to swell and backfill with stagnant blood. Many times varicose veins appear as either bulging and ropelike, or small and threadlike. However, they can also appear deep under your skin, where you are not able to see them. Varicose veins can cause aching, tired and swollen legs; create a burning, throbbing, or itching sensation; and cause muscle cramps and a general restlessness in your legs. Varicose veins require medical treatment.

### • Why do my legs swell?

In normal, healthy veins, strong elastic walls and one-way valves keep blood moving in the right direction. However, in diseased veins, the valves may stop working properly, allowing blood to flow in the wrong

direction and form pools in the veins. The vein walls may also lose their elasticity, further contributing to vein bulging, swelling, twisting, and knotting. These abnormal veins, with their slowed blood flow, lead to the disorders called vein disease.

### What is Sclerotherapy?

During sclerotherapy a solution is injected into your varicose or spider veins. This closes the abnormal vein and seals it off from the other healthy veins in your leg. The vein shrinks over time and is eventually absorbed. A typical treatment session may last for 15 to 20 minutes and will consist of microinjections. Depending on where the vein is located, this procedure is done with and without ultrasound guidance. We only use FDA approved solutions during sclerotherapy, such as Asclera and Sotradecol.

## ARE YOU AT RISK?

Many factors contribute to the presence of venous reflux disease, such as:

- Age
  - Gender
- Heredity
- Multiple pregnancies
- Obesity
- Standing professions

## **COMMON SYMPTOMS**

When symptoms occur, you may notice:

- The appearance of varicose veins or spider veins
- Swelling in the legs, ankles, or feet
- · Leg pain, aching, or cramping
- Warmth or discolored skin in the legs
- Wounds on the legs that won't heal
- Rashes or thickening of the skin on the legs
- Shortness of breath, rapid heartbeat, or dizziness

If you have swollen, achy legs, restless leg syndrome or unexplained skin discoloration, you may have venous reflux disease.



## LIVING LIFE TO THE FULLEST

At Cross County Cardiology, we are committed to providing quality care in a patient-centered, safe and comfortable environment. We help patients that are suffering from swollen, achy, painful legs get back the quality of life they deserve. Ask us today how we can help.

