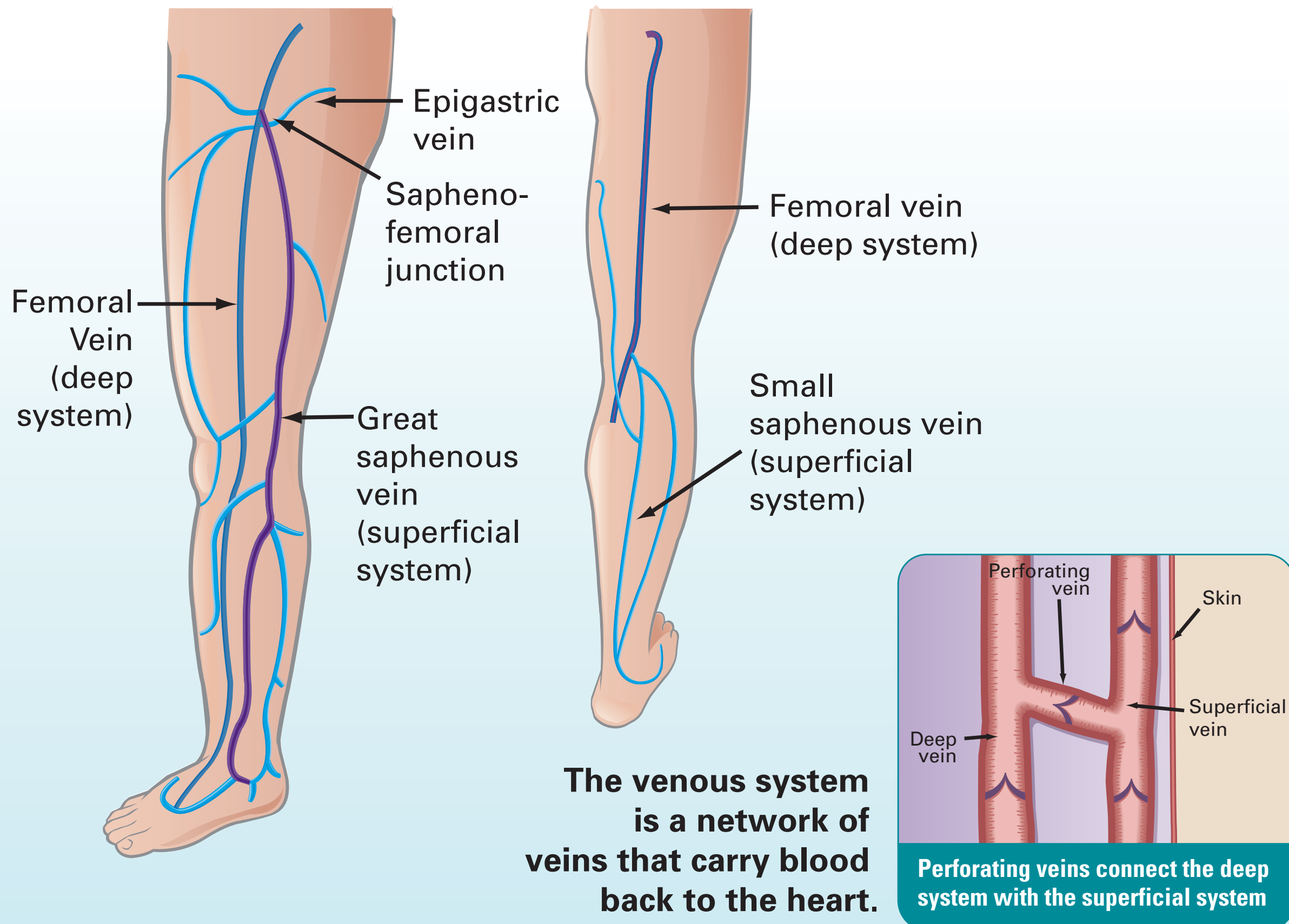


Do you have varicose veins or experience leg pain and fatigue?

You may have superficial venous reflux disease.

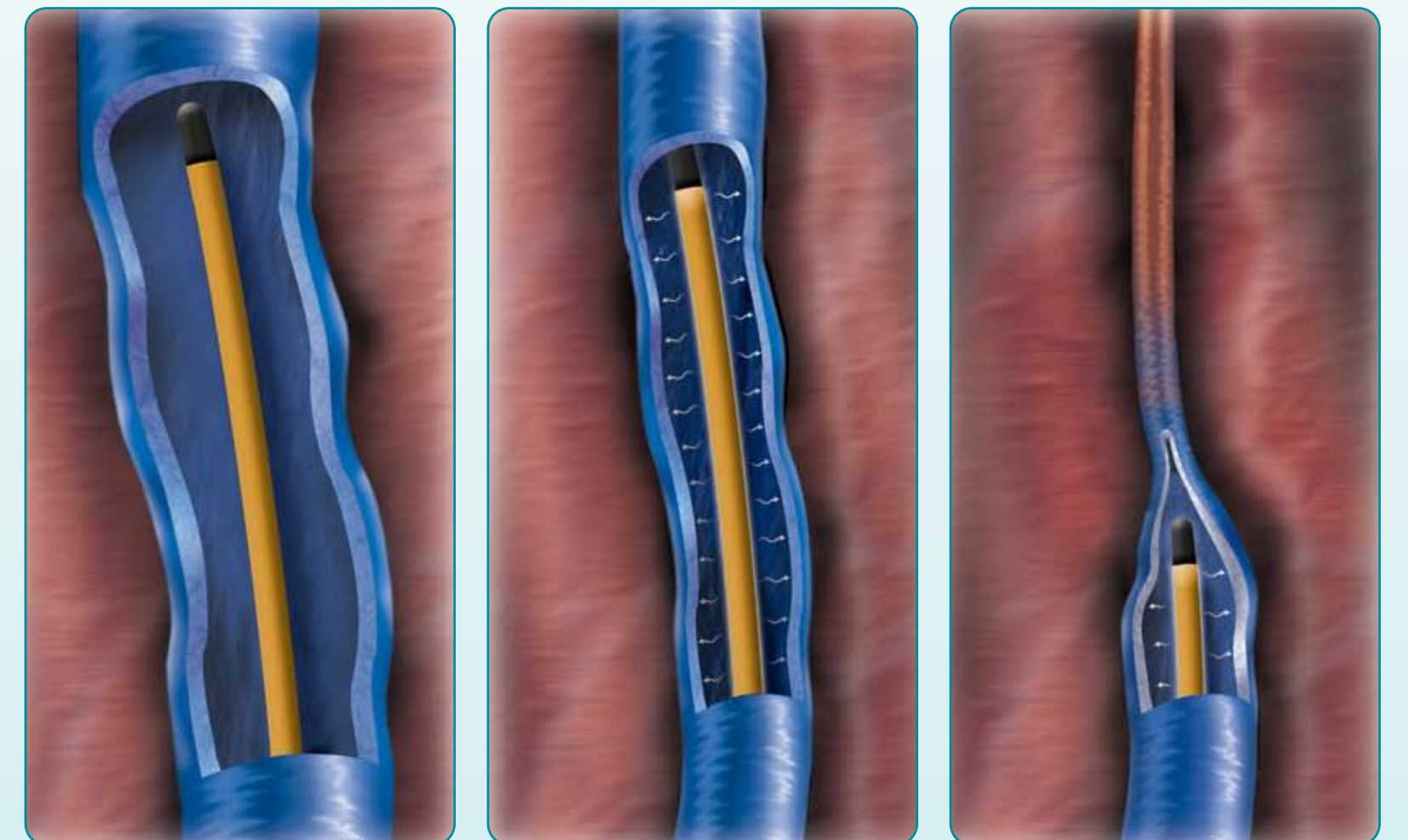
Leg Vein Anatomy



VNUS Closure® Procedure

The VNUS Closure procedure is a minimally invasive treatment alternative to traditional vein stripping.

The VNUS Closure procedure utilizes radio-frequency energy to heat the inside of the great saphenous vein wall, causing it to collapse and seal shut. Once the diseased vein is closed, blood is rerouted to other healthy veins.



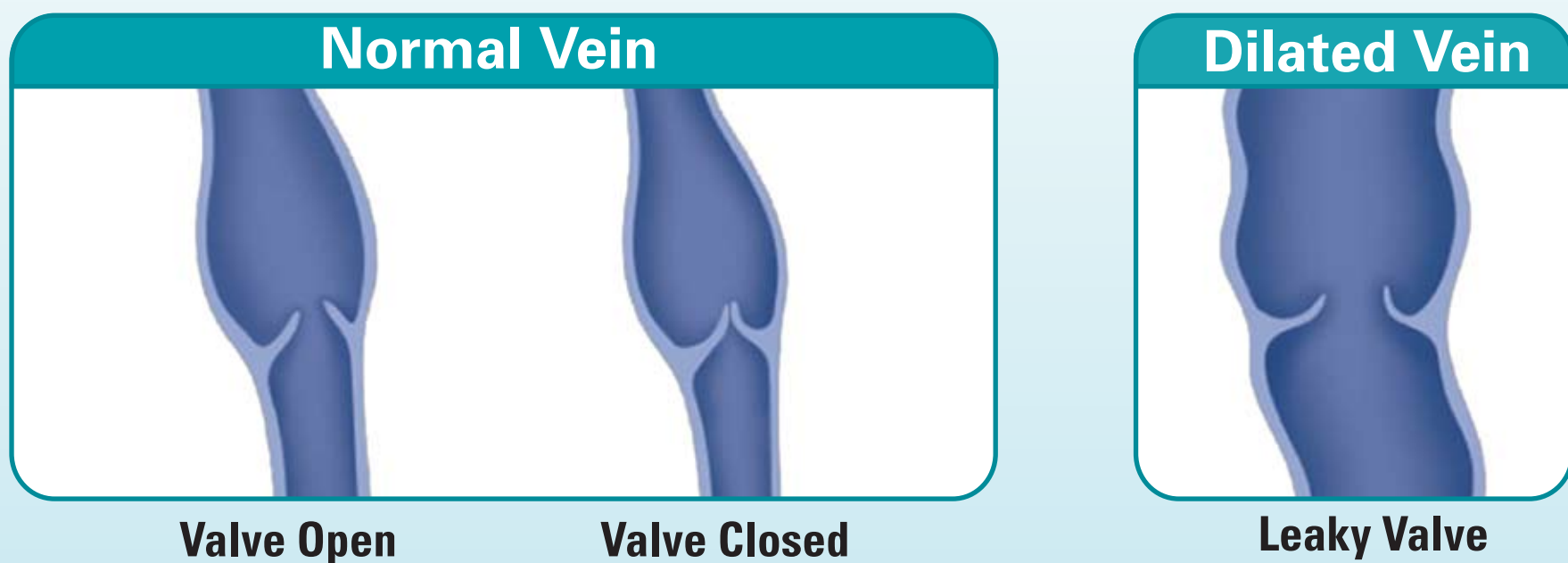
Disposable catheter inserted into vein

Vein warmed and collapses

Catheter withdrawn, closing vein

Vein Valve Failure

Superficial venous reflux develops when the vein valves that keep blood flowing out of your legs and back to your heart become damaged or diseased. This can cause blood to pool in your legs and result in dilated or varicose veins.



Symptoms: Superficial Venous Reflux

Common signs and symptoms of superficial venous reflux include:

- Varicose veins
- Pain
- Swollen limbs
- Leg heaviness and fatigue
- Skin changes and skin ulcers

Superficial venous reflux is progressive and if left untreated, may worsen over time. Below are the manifestations of the disease:¹



Your physician can determine if superficial venous reflux is present through an ultrasound examination.

¹ Photos courtesy of Rajabrata Sarkar, MD, PhD.

Procedural Highlights

Closure procedural highlights include:

- Relief of symptoms
- Outpatient procedure
- Local or general anesthesia
- Resume normal activities typically within a day
- Good cosmetic outcome with minimal or no scarring, bruising or swelling

The VNUS Closure procedure is covered by most health insurance providers.

Contraindication:

Patients with thrombus in the vein segment to be treated.

Potential Risks & Complications:

Potential complications include, but are not limited to, the following: vessel perforation, thrombosis, pulmonary embolism, phlebitis, hematoma, infection, paresthesia, skin burn.