
Procedure Name: EVLT Free screening

Updated 6-25-20

Indications:

Varicose veins, pain (an aching or cramping feeling), heaviness/tiredness, burning or tingling sensations, swelling throbbing and tender area around veins.

General Description:

This is a survey to localize venous disease that can be treated by EVLT.

Equipment Selection and Settings:

Select PV Vein from preset menu.

A linear 9MHz transducer will be used for most patients. The sonographer should use the preprogrammed setting for the appropriate body part and adjust gain, depth and transmit zone settings to optimize images.

Scanning:

With patient standing, check the GSV (Greater Saphenous Vein) for reflux.

- Scan bilateral GSV in long just pass the saphenofemoral junction.
- With color and Doppler, augment at the calf in order to document presence/absence of flow reversal.
- **One image of right and left GSV spectral Doppler with augmentation should be taken and sent to PACS.**

If the GSV is negative for reflux and a varicosity is present

- Image the **LSV (Lesser Saphenous Vein)** for reflux in long at the level of varicosity. Do NOT image the varicosity for reflux, it will always be positive.
- With color and Doppler, augment the distal leg in order to document presence/absence of flow reversal **of the LSV**.
- **One image of the LSV spectral Doppler with augmentation should be taken and sent to PACS when imaged.**

Documentation:

Clear and concise information regarding location of reflux or absence of reflux of all vessels interrogated must be documented in tech notes at the time of completion. Each exam **must** include at least ALL of the following...

- RT GSV negative/positive for reflux
- LT GSV negative/positive for reflux
- RT LSV negative/positive/not imaged for reflux
- LT LSV negative/positive/not imaged for reflux

Patient communication and further scheduling:

EVLT treatment can only be performed for medical necessary patients. Insurance questions will be answered at the time of consult. The actual consult is billed as a Dr's visit. Procedure costs vary depending on actual treatment and insurance company/coverage.

If positive for reflux, **accompany patient to the front desk** to inform personnel they need to be scheduled for a Midtown EVLT consult (with physician) appointment. Also please inform the patient they are a "possible candidate" for treatment; which will ultimately be determined at the consultation by a physician.

If completely negative for reflux, inform patient they are not a candidate for the EVLT procedure. If patient presents with varicosity but no observed reflux of GSV or LSV, please inform patient they are not a candidate for EVLT procedure but can still opt to have a formal consultation and Doppler to discuss other treatment options that may or may not be covered by insurance.

Incidental pathology; bring to attention of in-house radiologist.