

## Exam Protocol for EVLT Consultation

### Examination Guidelines

Visually check the patient's legs for any large varicosities.

Scan patient in upright standing position.

**Maximum of 10 images for this exam.**

### Vessels evaluation:

Document/scan CFV without/with compression looking for reflux to r/o DVT. Same thing for SFV scanning mid and popliteal. **If any positive signs, take an image.**

Document/scan GSV throughout length with and without compression to rule out reflux in proximal. Measure the size of GSV at prox (normal <10mm), mid thigh level (normal <3, 4mm), distal GSV.

Do the following on a split screen and combine into one image:

Prox GSV 1) Image

2) Measure

3) Compress (If vessel doesn't compress can use color)

4) Test for Reflux using Valsalva or Aug.

Midt GSV 1) Image

2) Measure

3) Compress

Distal GSV 1) Image

2) Measure

3) Compress

Distal GSV is at level of knee or just below.

IF normal GSV, find varicosity and follow where reflux might be coming from.

Take one image for reflux either proximal or distal wherever the vessel is dilated.

Check the branches of GSV (anterior lateral accessory and posterior medial accessory branch), if diseased, image the same steps as above.

If disease all over go ahead and scan the LSV as well.

For LSV less than 4 mm no need to measure it is normal.