Varicose Vein Protocol:

**Complete Bilateral Lower Extremity Venous Ultrasound with the following additional images:**

- Bilateral GSV
  - **Transverse GSV:** Prox, Mid, Distal thigh and Prox, Mid, Distal lower leg
    - Dual screen with compression - On image with open vessel, measure AP of vein and measure the distance from skin surface to anterior wall of vein

**During the next portion of the exam, the patient needs to be STANDING with the leg you are scanning propped on stool**

- **Sagital GSV:** Prox, Mid, Distal thigh and Prox, Mid, Distal lower leg
  - Color Doppler
  - Pulse Wave Doppler with augment
    - **If there is reflux present, measure time of reflux**

**NOTES:**

- Look for accessory veins (veins seen coming off of GSV to skin surface) and document on worksheet if present.
- Look for perforators (vein coming off of GSV connecting to Deep Vein) and document on worksheet if present.

**Scan in BOTH the varicose vein worksheet and the lower extremity venous worksheet in both exams and document in PACS that both tests were done so the radiologist is aware**