Venous Insufficiency

**Deep Veins:**
- Iliac Vein

**Superficial Veins:**
- Common Femoral Vein
- Great Saphenous Vein (GSV)
- Popliteal Vein

**Normal Vein**
- **Open Valve:** Normal valve opens to allow blood flow toward heart
- **Closed Valve:** Normal valve closes to prevent reverse of blood flow

**Varicose Vein**
- Damaged/Nonfunctional Valve cannot close properly and blood flow is impaired
- Incompetent valve
- Vein wall thinned and bulging
- Abnormal blood flow backward down leg

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