RPBG Vascular Service

Flowchart for the Management of Chronic Vascular Insufficiency (CVI)

CVI Signs / Symptoms

- Varicose veins
- Swelling
- Skin pigmentation / induration
- Ulcer

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Non-Invasive Assessment

- Venous insufficiency scan
- Ankle/Brachial index or arterial duplex ultrasound

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Conservative management (wound care + elastic hosiery) – varicose veins need intervention

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Good response → Continue

Not satisfactory response → CTVenogram, MRVenogram, Venography, IVUS

CTVenogram, MRVenogram, Venography, IVUS →

OBSTRUCTION → Deep Vein Reconstruction (stent)

REFLUX → Ablation (laser/ stripping) or Deep Vein Reconstruction (valve repair / autotrasplantation)

OBSTRUCTION + REFLUX → Ablation (laser/stripping) +- Deep Vein Reconstruction (stent)

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