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DOPPLER STUDY OF BOTH LOWER LIMB VENOUS SYSTEM

Examination done in lying and standing posture.

SUPERFICIAL VEINS

	Right	Left
Saphenofemoral Junction	Competent	Competent
Sapheno-popliteal Junction	Competent	Competent

DEEP VEINS:

Femoral vein	Patent compressible & normal phasic flow	patent compressible & normal phasic flow
Popliteal vein	Patent compressible & normal phasic flow	patent compressible- & normal phasic flow
Tibial veins	Patent compressible & normal phasic flow	patent compressible- & normal phasic flow

The deep veins of both lower limbs appear normal and show normal phasic Flow pattern with good augmentation response.

There is no evidence of deep venous thrombosis.

Side	Perforators	Territory
Right	Upper thigh medial aspect	GSV territory
Right	Lower thigh medial aspect	GSV territory
Right	Mid leg medial aspect	GSV territory
Left	Mid thigh medial aspect	GSV territory
Left	Upper third leg medial aspect	GSV territory
Left	Mid leg medial aspect	GSV territory

Baker's cyst with thin internal septation measuring ~3.5 x 1.5 cms noted in the right popliteal fossa.

IVC & Iliac vein appears normal.

Subcutaneous edema noted in the both legs.

Impression:

- Incompetence perforators from below knee level involving GSV territory predominantly.
- Subcutaneous edema in the both legs.
- No evidence of superficial / deep vein thrombosis.
- Baker's cyst in the right popliteal fossa.

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