DLS MEDICAL SERVICES

PATIENT NAME:
AGE:
PHYSICIAN:
DATE OF EXAM:

VENOUS STUDY OF THE LOWER EXTREMITIES

TECHNIQUE

Venous duplex ultrasound with color-assisted Doppler examination was performed utilizing real-time imaging for morphologic evaluation and pulse Doppler for determining the flow characteristics through the major veins in the right and left lower extremities. B-mode scans were obtained in longitudinal and transverse planes to maximize the anatomic and physiologic information. Computer images were submitted for review.

INTERPRETATION

B-Mode duplex imaging revealed:

1. Patent venous system with normal compressibility at all points bilaterally.
2. No evidence of luminal irregularity or echogenicity to suggest thrombus.

Color flow and Doppler imaging showed:

1. Decreased phasic flow, left popliteal vein.
2. Normal augmented flow with compression.
3. Bilateral venous reflux, consistent with deep vein valvular insufficiency. (Right common femoral 658.90 ms, right superficial femoral 845.26 ms, right popliteal 199.67 ms, left common femoral 1757 ms, left superficial femoral 272.88 ms and left popliteal vein 638.94 ms).

CONCLUSION

1. **Decreased phasic flow, left popliteal vein.**
2. **Bilateral venous reflux, consistent with deep vein valvular insufficiency.**
3. **No evidence of acute DVT or deep venous obstruction was observed.**

This negative result does not exclude isolated calf vein thrombus or non-obstructive proximal vein thrombus.
Thank you for referring this patient.
Electronically signed by:

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