



PATIENT NAME:

AGE:

PHYSICIAN:

DATE OF EXAM:

NON-INVASIVE LOWER EXTREMITY ARTERIAL EVALUATION

TECHNIQUE

The examination was done utilizing real-time imaging for morphologic evaluation and pulsed Doppler determination of abnormalities and spectral wave analysis of the major arteries of the right and left lower extremities.

FINDINGS

RIGHT CFA:	67.54 cm/sec	LEFT CFA:	93.16 cm/sec
RIGHT SFA-P:	70.65 cm/sec	LEFT SFA-P:	202.28 cm/sec
RIGHT SFA-D:	76.86 cm/sec	LEFT SFA-D:	45.53 cm/sec
RIGHT POPA:	48.13 cm/sec	LEFT POPA:	39.95 cm/sec
RIGHT PTA-P:	17.08 cm/sec	LEFT PTA-P:	40.88 cm/sec
RIGHT PTA-D:	15.53 cm/sec	LEFT PTA-D:	58.53 cm/sec
RIGHT ATA-P:	41.92 cm/sec	LEFT ATA-P:	39.02 cm/sec
RIGHT ATA-D:	58.23 cm/sec	LEFT ATA-D:	39.95 cm/sec

There was multilevel calcified plaque formation with areas of 20-40% stenosis, most severe in the left proximal superficial femoral artery. There is increased peak systolic velocity in the left proximal superficial femoral artery, consistent with tortuosity, collateralization and/or less than 50% stenosis. There is decreased flow in the right proximal and distal posterior tibial arteries. There is nearly dampened flow in the left popliteal and left proximal and distal anterior tibial arteries. There is abnormal monophasic flow bilaterally, consistent with more proximal stenosis (multilevel peripheral arterial occlusive disease).

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NON-INVASIVE LOWER EXTREMITY ARTERIAL EVALUATION

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IMPRESSION

1. **Multilevel calcified plaque formation with areas of 20-40% stenosis, most severe, left proximal superficial femoral artery.**
2. **Increased peak systolic velocity, left proximal superficial femoral artery, consistent with tortuosity, collateralization and/or less than 50% stenosis.**
3. **Decreased flow, right proximal and distal posterior tibial arteries.**
4. **Nearly dampened flow, left popliteal and left proximal and distal anterior tibial arteries.**
5. **Abnormal monophasic flow bilaterally, consistent with more proximal stenosis (multilevel peripheral arterial occlusive disease).**

Thank you for referring this patient.

Electronically signed by:



MELVIN S. FAIGUS, M.D.

Diplomate of the American Board of Radiology

MSF/se