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PATIENT NAME: Simon Kane
DATE OF BIRTH: 6/5/1955
AGE: 67Y 2M
GENDER: Male
EXAM DATE: 12/20/2021
EXAM: US Arterial Leg Bilat | 93925

REFERRER: Aaron Kovaleski, MD

PRESCRIPTION HISTORY: Peripheral vascular disease, unspecified.

SUPPLEMENTAL HISTORY: Atherosclerosis of native arteries of extremities with rest pain, unspecified extremity.

COMPARISON: None available.

TECHNIQUE: US Arterial Leg Bilat. Multiple grayscale, color and spectral Doppler images of the common femoral, proximal, mid and distal superficial femoral artery, profunda artery, popliteal and calf arteries were performed.

Parameters:

Right CFA: 44 cm/s
Right SFA Proximal: occluded cm/s
Right SFA Mid: occluded cm/s
Right SFA Distal: 30 cm/s
Right PFA: 84 cm/s
Right Popliteal: 14 cm/s
Right Popliteal Artery Distal: 23 cm/s
Right PTA: 53 cm/s
Right Peroneal: occluded cm/s
Right ATA: occluded cm/s
Right DPA: occluded cm/s

Left CFA: 74 cm/s
Left SFA Proximal: occluded cm/s
Left SFA Mid: occluded cm/s
Left SFA Distal: 60 cm/s
Left Popliteal: occluded cm/s
Left PFA: 62 cm/s
Left Popliteal: occluded cm/s
Left Popliteal Artery Distal: occluded cm/s
Left PTA: occluded cm/s
Left Peroneal: occluded cm/s
Left ATA: 26 cm/s
Left DPA: occluded cm/s

FINDINGS: The right lower extremity demonstrates biphasic Doppler waveforms in the common femoral artery and deep femoral artery. The right superficial femoral artery is occluded in its proximal and mid segments. Monophasic Doppler waveforms are evident in the distal portion of the right superficial femoral artery, the right popliteal artery, and the right peroneal artery. The right posterior tibial, anterior tibial, and dorsalis pedis arteries are occluded.

The left lower extremity demonstrates monophasic Doppler waveforms in the left common femoral and deep femoral arteries. The proximal and mid segments of the left superficial femoral artery are occluded, while there is monophasic flow in the distal segment of the left superficial femoral artery. The left popliteal, posterior tibial, peroneal, and dorsalis pedis arteries are

occluded. Monophasic flow is evident in the left anterior tibial artery.

DOPPLER: See details above. Advanced atherosclerotic disease results in occlusion and/or flow restriction in multiple vessels of both lower extremities.

Continued...

PENRAD Imaging

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IMPRESSION:

1. Occlusive atherosclerotic disease in the right proximal and mid superficial femoral artery, right posterior tibial artery, right anterior tibial artery, and right dorsalis pedis artery. Monophasic Doppler waveforms are evident in the distal right superficial femoral artery, right popliteal artery, and right peroneal artery, indicating flow restriction in these vessels.
2. Occlusive atherosclerotic disease in the left proximal and mid superficial femoral artery, left popliteal artery, left posterior tibial artery, left peroneal artery, and left dorsalis pedis artery. Monophasic Doppler waveforms are evident in the left common femoral, deep femoral, distal superficial femoral, and anterior tibial arteries, indicating flow restriction in these vessels.

Thank you for this referral.

Signed By: Steve Jensen, MD
Signed Date/Time: 12/20/2021 04:19 PM
Transcribed By: th .
Transcribed Date/Time: 12/20/2021 03:08 PM

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