

Derek Halvorsen

// Registered Vascular Technologist

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> SUMMARY

Registered vascular technologist with 5 years of vascular testing in a hospital lab and a vascular surgery practice. Performs carotid duplex, venous duplex, arterial duplex, ABI testing and transcranial Doppler, writes technical worksheets surgeons trust and prepared the case studies behind a 2025 IAC reaccreditation.

> SKILLS

• Vascular Testing • Carotid Duplex • Venous Duplex • Arterial Duplex • ABI Testing • Transcranial Doppler
• Vein Mapping • IAC Accreditation • PACS • Attention to Detail

> EXPERIENCE

Registered Vascular Technologist

03/2024 - Present

Schuylkill Vascular Associates

Philadelphia, PA

Vascular surgery practice with 2 IAC-accredited vascular labs.

- Perform **11** vascular testing exams a day across carotid, aortic, renal, mesenteric and peripheral arterial studies.
- Complete pre-op vein mapping and bypass graft surveillance for 6 surgeons, flagging failing grafts for early intervention.
- Run ABI testing and segmental pressures for 35 PAD patients a week in the limb salvage clinic.
- Compile case studies and correlation data for IAC reaccreditation, approved in 2025 with no deficiencies.

Registered Vascular Technologist

07/2021 - 02/2024

Wissahickon General Hospital

Philadelphia, PA

Hospital vascular lab with 5 technologists and 24/7 on-call coverage.

- Scanned 12 venous duplex and carotid duplex studies a shift for inpatients, the ER and stroke alerts.
- Performed transcranial Doppler on 8 sickle cell and stroke patients a week under the neurology protocol.
- Called critical results such as acute DVT and carotid occlusion to providers within 15 minutes per policy.
- Archived worksheets and images to PACS for each study, keeping incomplete records at zero in yearly audits.

Patient Care Technician (Part-Time)

09/2018 - 06/2021

Wissahickon General Hospital

Philadelphia, PA

Vascular surgery unit; part-time role during the sonography degree.

- Measured vitals and blood glucose for 10 patients a shift on a 24-bed vascular surgery unit.
- Recorded post-op pulse checks every 2 hours and reported weak pedal pulses to nurses at once.
- Supported wound care and mobility for patients recovering from bypass and amputation surgery.

> EDUCATION

Bachelor of Science

05/2021

Thomas Jefferson University

Philadelphia, PA

Diagnostic Medical Sonography - Vascular

> CERTIFICATES

Registered Vascular Technologist (RVT)

08/2021

American Registry for Diagnostic Medical Sonography (ARDMS)

Basic Life Support (BLS) Provider

07/2026

American Heart Association