Veteran’s Administration  Puget Sound

WAYNE ZHANG, MD,
Professor in the Division of Vascular Surgery
Clinical Practice: full range of vascular surgery, specializing in open and endovascular treatments of aortic, carotid, visceral, lower extremity arterial diseases; dialysis access; and venous disorders.

Interests: teaching medical students, residents and fellows in clinic and the operating room.

GALE TANG, M.D.
UW assistant professor of surgery
Board-certified in vascular and general surgery
Clinical practice: thoracic and aortic endovascular, carotid stenting, critical limb ischemia
Research interests: collateral artery development, non-operative critical limb ischemia therapies

WARREN CHOW, M.D.
UW assistant professor
Clinical Practice: open vascular surgery and endovascular techniques for the treatment of aortic, cerebrovascular, visceral, lower extremity arterial diseases as well as venous disorders and dialysis access.

Interests: bioengineering and surgical outcomes in elderly patients.

THOMAS HATSUKAMI, M.D.
UW professor of surgery
Board-certified in vascular surgery
Research interests: atherosclerotic plaque diagnostic imaging, atherosclerosis biomarkers, pharmacological efficacy of plaque stabilization

MICHAEL SOBEL, M.D.
UW professor of surgery
Board-certified in vascular surgery
Clinical practice: disorders of veins and arteries, varicose veins, blood cloting
Research interests: thrombosis and vascular biology

RICHARD KENAGY
UW research assistant professor
Research interests: mechanisms of restenosis and vascular lesion regression; vascular wall biology; proteinases and extracellular matrix

WENDY HAMAR
UW research scientist
Research interests: critical limb ischemia/periodic vascular disease, endovascular repair of aortic aneurysms

BILLI TATUM
UW clinical research coordinator
Clinical practice: endografting for complex aortic disease, vascular trauma, patient outcomes

Sub-specialized vascular care
Our vascular experts in arterial, venous, and lymphatic disease work with radiology and cardiology specialists to determine the appropriate diagnostic imaging and medical or surgical treatment options. Common conditions treated include complex aortic pathology, carotid stenosis, clausication, and peripheral arterial disease. When surgical intervention is indicated, we use minimally invasive endovascular procedures in every possible instance. We treat many patients with major vascular illnesses who may not be candidates for traditional open surgery. Conventional open surgery is performed, as needed, to repair traumatic injuries to vessels and in urgent cases when ischemia, or insufficient blood flow, threatens organs. We strive to achieve shorter hospital stays, higher quality of life and cost savings through the effective use of diagnostic imaging, medications and endovascular procedures.

World-class academic medicine
As a regional resource, we provide care that is not available in smaller communities. The center treats more patients with ruptured abdominal aortic aneurysms (rAAA) annually than any other healthcare facility in the WWAMI region. We have also been internationally recognized for creating an emergency protocol that dramatically reduced the average mortality rate for rAAA patients. The UW Medicine Regional Vascular Center offers robust education and research programs, including digital broadcasts of real-time surgical procedures and interactive discussions of interesting cases. Examples of major research efforts include multi-center clinical trials of aortic endograft devices and studies concerning carotid stroke risk prediction and the vascular biology of vessel stenosis.

Our locations
- Harborview Medical Center
  325 9th Avenue
  Seattle, WA 98107

- Northwest Hospital & Medical Center
  1550 N. 115th Street
  Seattle, WA 98133

- Valley Medical Center
  400 S. 4th Street
  Renton, WA 98055

- UW Medical Center
  1959 N.E. Pacific Street
  Seattle, WA 98195

- Eastside Specialty Center
  3100 Northup Way
  Bellevue, WA 98004

- Veteran’s Administration
  1660 S Columbian Way
  Seattle, WA 98108

The UW Medicine Regional Vascular Center provides comprehensive services for patients with circulatory problems and their referring healthcare providers throughout a five-state region: Washington, Wyoming, Alaska, Montana and Idaho (WWAMI).
OUR TEAM

Patients and referring physicians benefit from our vascular specialists’ technical expertise and innovative approaches to both common and complex vascular conditions.

Harborview Medical Center

Benjamin Starnes, M.D., F.A.C.S.
UW professor of surgery
Board-certified in vascular surgery
Clinical practice: ruptured aortic aneurysms, traumatic aortic injury, aortic dissection, vascular trauma
Research interests: endogafrfing for complex aortic disease, vascular trauma, patient outcomes

Nam Thanh Tran, M.D.
UW associate professor of surgery
Board-certified in vascular surgery
Clinical practice: aortic aneurysm, aortic reconstruction, vascular trauma, aortic vasculitis, carotid disease
Research interests: aortic aneurysm, endovascular surgery, vascular trauma, endovascular simulators

Anthony Pirot, D.N.P., A.R.N.P.
UW teaching associate and nurse practitioner
Clinical practice: adult vascular medicine
Interests: improving the quality of acute-care patients receive by developing protocols specific to vascular surgery, clinical disaster preparedness and response

Elina Quiroga, M.D.
UW assistant professor of surgery
Board-certified in vascular and general surgery
Clinical practice: surgery, peripheral vascular disease, dialysis access
Research interests: quality of life after trauma, outcomes of ruptured aneurysms, surgical education

Brenda Allen, M.N., A.R.N.P.
Nurse practitioner
Clinical practice: peripheral vascular disease, wound management, dialysis-access placement and maintenance
Interests: patient education

University of Washington Medical Center

Matthew Sweet, M.D.
UW assistant professor of surgery
Board-certified in vascular and general surgery
Clinical practice: vascular disease and trauma, aortic aneurysm
Research interests: critical limb ischemia, vascular education, popliteal entrapment, lower extremity compartment syndrome

Sarath Shalhub, M.D., M.P.H.
UW assistant professor of surgery
Board-certified in vascular and general surgery
Clinical practice: arterial disease, aneurysms, dissections
Research interests: genetic basis of aneurysms and dissections, rapid aneurysmal degeneration mechanisms, vascular trauma

Sarah Whitehead, A.R.N.P.
Nurse practitioner
Clinical practice: peripheral arterial disease, venous disease, lymphedema
Interests: vascular surgery

Northwest Hospital & Medical Center

Anthony Pirot, D.N.P., A.R.N.P.
UW teaching associate and nurse practitioner
Clinical practice: adult vascular medicine
Interests: improving the quality of acute-care patients receive by developing protocols specific to vascular surgery, clinical disaster preparedness and response

Northwest Hospital & Medical Center

Johnathon C. Rollo M.D.
UW assistant professor of surgery
Clinical Practice: minimally invasive endovascular techniques for limb salvage, carotid artery disease, aneurysm repair and venous disease.
Interests: venous stenting; thoracic outlet syndrome; outcomes in peripheral arterial disease

Valley Medical Center

Sarah Whitehead, A.R.N.P.
Nurse practitioner
Clinical practice: peripheral arterial disease, venous disease, lymphedema
Interests: vascular surgery

Susanna Shin, M.D.
UW assistant professor of surgery
Board-certified in vascular and general surgery
Clinical practice: open and endovascular treatment of arterial and venous disease
Research interests: surgical education, central venous disease

Mark Meissner, M.D.
UW professor of surgery
Board-certified in vascular surgery
Clinical practice: venous disease, trauma, abdominal aortic aneurysms, leg ulcers
Research interests: venous disease, venous thromboembolism, leg ulcers, coagulation abnormalities, ruptured abdominal aortic aneurysm

R. Eugene Zierler, M.D.
UW professor of surgery
Board-certified in vascular surgery
Clinical practice: noninvasive diagnostic techniques for vascular disease
Research interests: vascular physiology, diagnostic imaging policy