

UW MEDICINE COMPREHENSIVE STROKE CENTER



With stroke, every minute is crucial for preserving brain health. The sooner a stroke is treated, the better the chance of recovery.

The UW Medicine Stroke Center at Harborview Medical Center is proud to be the state of Washington's first Joint Commission-certificated Comprehensive Stroke Center. This certification is the highest-level designation by the Joint Commission, and guarantees that our specialized staff consistently meets and exceeds the highest standards of care – care that starts the instant a patient with stroke symptoms arrives.

24/7 Stroke Care

When a patient arrives at the UW Medicine Stroke Center at Harborview Medical Center, our stroke team is prepared in advance and ready to do a rapid, comprehensive evaluation and implements an individualized emergency stroke treatment plan.

Care continues around-the-clock with the following services:

- Board-certified vascular (stroke) neurologist available 24/7
- Nationally recognized emergency medical services
- Acute stroke teams and stroke care protocols
- Neurological surgery services
- Interventional neuroradiology services
- State-of-the-art neuroimaging (CT and MRI) and laboratory services
- Neurosciences Intensive Care and Acute Stroke Care Unit
- Advanced practice neuroscience nursing team and stroke specialty nurses
- Outcome monitoring and quality improvement activities
- Comprehensive stroke clinic for outpatient care
- Opportunities for patients to participate in stroke research
- Comprehensive stroke rehabilitation program

Stroke Prevention

Everyone is at some risk of stroke. The good news is many strokes can be prevented. The Stroke Center provides prevention and risk reduction services for patients at every stage, from those who simply want to know their risk to stroke victims who require treatment to avoid future attacks to those needing rehabilitation following a stroke.

Below are a few recommendations to reduce the risk of stroke:

- Manage chronic conditions, such as high blood pressure, high cholesterol, heart disease, diabetes and other conditions as identified by your healthcare professional.
- Make healthy lifestyle choices. Follow a heart-healthy diet, exercise regularly, stop smoking, limit or avoid alcohol and avoid illicit drug use.
- Participate in routine healthcare and work with your healthcare professionals to identify appropriate treatments, such as drug therapy or surgery.

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UW Medicine
NEUROSCIENCES INSTITUTE

COMPREHENSIVE
STROKE CENTER

At Harborview Medical Center



STROKE: five common warning signs

- Sudden weakness or numbness of face, arm or leg, especially if all on one side of the body
- Sudden confusion, trouble speaking or understanding
- Sudden trouble seeing in one or both eyes
- Sudden trouble walking, dizziness, loss of balance or coordination
- Sudden severe headache with no known cause

If you or someone you know may be having a stroke, call 9-1-1 immediately.

Recognizing the warning signs of stroke and seeking immediate medical help greatly improve the chances of surviving with minimal impairment.

Advances in care allow many stroke victims to resume some or all of their activities much earlier than in the past and reduce the risk of further attacks.

OUR TEAM



DAVID TIRSCHWELL, M.D., M.Sc.

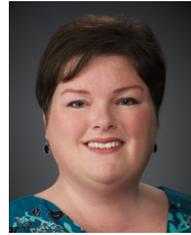
Medical director of Comprehensive Stroke Care at the UW Medicine Stroke Center at Harborview

UW professor of neurology

Specialties: cerebrovascular disease, stroke prevention and treatment and general neurology

Research interests: pre-hospital care of stroke victims, stroke epidemiology and outcomes following stroke

Practices: Vascular Neurology (inpatient and outpatient), TeleStroke



TRICIA ROLAND M.P.H., B.S.N., R.N.

Specialties: Directs patient care initiatives, and overall program development.

Practices: Stroke Center Program Manager

NEUROLOGISTS



KYRA BECKER, M.D.

UW professor of neurology and neurological surgery

Specialties: stroke prevention and treatment and critical-care neurology

Research interests: translational stroke research and the contribution of the immune response to cerebral ischemic injury

Practices: Vascular Neurology (inpatient and outpatient), TeleStroke



CLAIRE CREUTZFELDT, M.D.

UW assistant professor of neurology

Specialties: stroke and cerebrovascular disease, general neurology and palliative care

Research interests: improving patient-clinician communication and shared decision-making; integrating palliative care and neuro-critical care

Practices: Vascular Neurology (inpatient and outpatient), TeleStroke



ARIELLE DAVIS, M.D.

UW assistant professor of neurology

Specialties: stroke and cerebrovascular disease, vascular neurology and general neurology

Practices: Vascular Neurology (inpatient and outpatient), TeleStroke



JONATHAN WEINSTEIN, M.D., PH.D.

UW associate professor of neurology

Specialties: stroke and cerebrovascular disease, including central nervous system vasculopathies and general neurology

Research interests: characterizing cellular and molecular aspects of the neuro-inflammatory response in ischemic stroke

Practices: Vascular Neurology (inpatient and outpatient), TeleStroke



SANDEEP KHOT, M.D., M.P.H.

Director of the Harborview Neurology Consult Service

UW associate professor of neurology

Specialties: inpatient management of acute stroke and arterial dissection and neurologic prognosis after cardiac arrest

Research interests: diagnosis and treatment of sleep-disordered breathing after stroke

Practices: Vascular Neurology (inpatient and outpatient), TeleStroke

NEUROLOGICAL SURGERY



LOUIS J. KIM, M.D.

UW professor of neurological surgery

Director, Neurosurgical stroke and endovascular services

Specialties: vascular and skullbase microsurgery, endovascular neurosurgery, minimally invasive treatment of hemorrhagic and ischemic stroke

Research interests: computational fluid dynamics of brain aneurysms, minimally invasive neurosurgical robotics and endoscopy, Brain aneurysm genomics, clinical trials and patient outcomes measures

Practices: Neurological Surgery, Interventional Neuroradiology



LALIGAM N. SEKHAR, M.D.

Director, Cerebrovascular Surgery and Skull-base Surgery

Director, Transcranial Doppler Laboratory, Harborview

UW professor and vice chair, neurological surgery

Specialties: surgery for aneurysms, arteriovenous malformations and brain hemorrhage and skull-base surgery

Research interests: technological innovations in neurosurgery, spirituality in neurosurgical patients, outcomes in aneurysms and arteriovenous malformation patients and robotic multidirectional endoscope

Practices: Neurological Surgery, Interventional Neuroradiology



MICHAEL R LEVITT, M.D.

UW assistant professor of neurological surgery and radiology and adjunct assistant professor of mechanical engineering

Specialties: minimally invasive treatment of cerebrovascular diseases, cerebral aneurysms, arteriovenous malformations, dural arteriovenous fistulas, carotid stenosis and stroke

Research interests: Translational efforts to understand how cerebral aneurysms form, grow and rupture.

Practices: Neurological Surgery, Interventional Neuroradiology



Important Phone Numbers

Appointments or patient referrals:
Stroke Clinic at Harborview Medical Center – **206.744.6285**

Administrative office:
UW Medicine Stroke Center at Harborview Medical Center – **206.744.3975**

Urgent, around-the-clock, patient-care questions:
Community Careline – **206.744.2500**

INTERVENTIONAL NEURO RADIOLOGY



BASAVARAJ V. GHODKE, M.D.
Director of Interventional Neuroradiology
UW professor of radiology and neurological surgery
Specialties: interventional neuroradiology for treatment of stroke and intracranial vascular diseases
Research interests: endovascular treatment of brain aneurysms and AVMs, and carotid and intra-cranial stenting
Practices: Interventional Neuroradiology

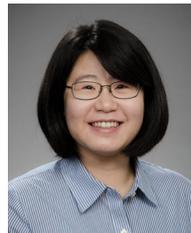


DANIAL HALLAM, M.D., M.Sc.
UW professor of radiology and neurological surgery
Specialties: interventional neuroradiology for treatment of stroke and intracranial vascular diseases
Research interests: endovascular treatment of brain aneurysms and AVMs, and carotid and intra-cranial stenting
Practices: Interventional Neuroradiology

NEURO REHAB



AARON BUNNELL, M.D.
UW assistant professor of rehabilitation medicine
Specialties: stroke rehabilitation, spinal cord injury, and traumatic brain injury.
Research interests: Early therapy and mobilization, augmented reality in stroke rehabilitation, and robotics assisted therapy.
Practices: Stroke Rehabilitation



CHERRY JUNN, M.D.
UW assistant professor of rehabilitation medicine
Specialties: stroke rehabilitation, spinal cord injury, and traumatic brain injury.
Research interests: Traumatic brain injury, stroke and other acquired brain injuries.
Practices: Stroke Rehabilitation



PETER ESSELMAN, M.D.
Chief of rehabilitation medicine at Harborview Medical Center
UW professor and chair of rehabilitation medicine
Specialties: rehabilitation of individuals after stroke and traumatic injuries with a focus on brain-injury rehabilitation
Research interests: improving rehabilitation outcomes
Practices: Stroke Rehabilitation