

OHSU Stroke Research and Treatment Program

Strokes can tear lives apart. We must work on a solution together.

Stroke is the nation's third leading cause of death after heart disease and cancer. Strokes claim some 144,000 lives a year, accounting for one in every 17 deaths. Oregon – with its fast-aging population and high incidence of obesity and tobacco use – has one of the nation's highest stroke mortality rates.

The total 2009 estimated direct and indirect cost of stroke in the nation is a staggering \$68.9 billion. But the toll stroke takes on the lives of patients and their loved ones is incalculable.

As deadly as stroke can be, some 70 percent of patients survive their initial stroke. Consequences of stroke survival often include an increased risk of subsequent strokes, as well as the challenge of living with some degree of disability. Brain injury from stroke can profoundly affect mobility, the senses, motor activity, eating and swallowing ability, speaking and comprehension, memory, behavior and emotions. Sadly, existing treatments are simply not as effective as they should be in treating strokes and their devastating after-effects. We must do better.

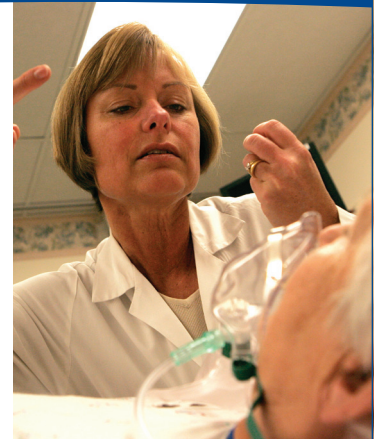
How OHSU can help

Fortunately Oregonians have a strong ally in the fight to prevent and reduce both the incidence and impact of stroke in our state and region – Oregon Health & Science University.

As Oregon's only academic health center, OHSU serves the state and surrounding region with nationally acclaimed clinical care and a comprehensive range of research programs in stroke prevention, diagnosis and treatment.

It will take the creative talents of both neuroscientists and clinician-researchers to advance what we know about the cause of stroke and to develop new and more effective stroke therapies. In our region, only OHSU has the breadth of expertise and scientific resources to conduct the coordinated offensive required to take stroke care to new levels.

By focusing and integrating its diverse programs in stroke treatment, research and education, OHSU is positioned to make meaningful and nationally significant advances against this devastating disease.



The OHSU Oregon Stroke Center was created in 1979 to provide comprehensive treatment and prevention services to adults who have had a stroke or are at risk of stroke.

The center's team includes board-certified vascular neurologists, stroke nurses and other specialists providing 24/7 coverage in conjunction with emergency departments at OHSU and other area hospitals.

OHSU has earned a Primary Stroke Center designation from the Joint Commission on Accreditation of Healthcare Organizations.

What OHSU supporters can do

The exceptional researchers, clinicians and educators who make up OHSU's faculty are the drivers of discovery and innovation, keeping OHSU at the forefront of biomedical research, healthcare delivery and the training of tomorrow's healthcare professionals. Supporting faculty is OHSU's first priority. Over the next three years, the OHSU Foundation will partner with OHSU leaders and faculty to raise \$100 million to support exceptional faculty and to give them the tools and resources they need to do their best work. The goals for this fund-raising initiative are as follows:

- **Retaining and Recruiting Exceptional Faculty** – Seeking investment of \$50 to \$60 million to support endowed professorships and chairs, recruitment packages, Ph.D. student assistance, and equipment purchases.
- **Enhanced Core Facilities** – Seeking \$5 to \$15 million in investment enabling OHSU to expand technology resources available to faculty by supporting core facilities in genomics, animal imaging and simulation services.
- **Support for Collaborative/Interdisciplinary Projects** – Seeking \$20 to \$25 million in support for projects in which faculty from many different disciplines work together to probe major questions in aging, stroke, cancer, community health and biomedical science.

A philanthropic investment in OHSU's faculty is a long-term investment in a healthier Oregon. OHSU welcomes your partnership.

Stroke Stats

\$68.9 billion

Estimated 2009 cost of stroke in the U.S.

56.7

Oregon's 2005 age-adjusted stroke death rate per 100,000 residents.

6

Number of states with higher stroke death rates than Oregon's

3

Rank of stroke as a cause of death in the United States.

"Struggling to overcome the effects of my stroke is the hardest work I've ever done."

– Brian Borton, Oregon Stroke Center patient

Giving opportunities in stroke research and treatment

OHSU's community of stroke experts has identified three areas of opportunity that, with support from partners who share our vision, will significantly strengthen our impact against stroke.

Stroke Interdisciplinary Research Program

OHSU will create an integrated center of excellence in stroke research and care under the auspices of the Oregon Brain Institute. Co-led by faculty champions in basic science and clinical research, the program would foster interdisciplinary research by sponsoring seminars, pilot research projects, postdoctoral fellowships, graduate students and critical faculty retention and recruitment efforts.

Oregon Stroke Center Faculty and Staff Support

This initiative supports strategic expansion of the Oregon Stroke Center by one full-time faculty member and a part-time support staffer to enhance capabilities in prevention, educational outreach, acute and subacute care, and rehabilitation.

Innovative Research in Safe and Effective Stroke Treatments

This endowed fund would enable OHSU to integrate its ongoing translational treatment research programs and provide resources for retaining, connecting and strengthening the stroke research faculty. Emphases would include research leading to the development of rapid new treatments that can be given on site; the development of a better stroke model that more closely replicates the human disease and its response to treatment; and research toward improving the quality of life of stroke survivors.

Make a Gift

OHSU Foundation staff members are available to help coordinate the details of a gift. For further information, contact:

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