

## **Carotid Color Duplex Scan Screening for Stroke Prevention**

**Vincent Shu, MD**

A stroke is a “brain attack”. It occurs when blood flow to an area of brain is cut off. When this happens, brain cells are deprived of oxygen and begin to die. When brain cells die during a stroke, abilities controlled by that area of the brain such as memory and muscle control are lost.

How a person is affected by their stroke depends on where the stroke occurs in the brain and how much the brain is damaged. People who have larger strokes may be permanently paralyzed on one side of their body or lose their ability to speak. It can be devastating. A blockage and narrowing (stenosis) in a carotid artery are well-established predictors for cardiovascular (stroke) incidents. A blockage may be caused by a buildup of fatty material (plaque) and/or a blood clot (thrombus).

Up to 80 percent of strokes can be prevented if someone is having a blockage and narrowing (stenosis) in carotid arteries which is detected by using Carotid Color Duplex Scan and treated early before occurrence of stroke.

Vincent Shu, MD, a non-invasive cardiologist has been using Carotid Color Duplex Scan in his integrative medicine clinic aiming stroke prevention .

The cost of Carotid Artery Duplex Scan Screening: \$50 for one, \$85 for Family ( 2).

To make an appointment, call 376-2564, 97 Yellow Brick Road, Eastsound