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Prevea Health now offering innovative TCAR procedure to treat carotid artery disease and prevent stroke

Green Bay, Wis. – Prevea Health is the first in the Greater Green Bay region to treat carotid artery disease and prevent future strokes using a new procedure called TransCarotid Artery Revascularization (TCAR) – a clinically proven, minimally invasive and safe approach for high surgical risk patients who need carotid artery treatment.

Carotid artery disease is a form of atherosclerosis, or a buildup of plaque, in the two main arteries in the neck that supply oxygen-rich blood to the brain. If left untreated, carotid artery disease can often lead to stroke; it is estimated to be the source of stroke in up to a third of cases, with 427,000 new diagnoses of the disease made every year in the U.S. alone.

“TCAR is an important new option in the fight against stroke, and is particularly suited for the large portion of patients we see who are at higher risk of complications from carotid surgery due to age, anatomy or other medical conditions,” said [Dr. Rishi Subbarayan](#), a Prevea vascular surgeon who performs the TCAR procedure at HSHS St. Vincent Hospital in Green Bay. “Because of its low stroke risk and fast patient recovery, I believe TCAR is a powerful new tool in the treatment of carotid disease.”

TCAR is unique in that blood flow is temporarily reversed during the procedure so that any small bits of plaque that may break off are diverted away from the brain, preventing a stroke from happening. A stent is then placed inside the artery to stabilize the plaque, minimizing the risk of a future stroke. Click [here](#) to watch an animated video of how the TCAR procedure works.

Prior to TCAR, the main treatment option for severe carotid artery disease was an open surgical procedure called carotid endarterectomy (CEA). CEA removes plaque from inside the carotid artery to restore normal blood flow to the brain. Still considered the “gold standard” in carotid artery treatment, CEA is a good option for many patients; however, those who might be considered higher risk for CEA may be candidates for TCAR.

“TCAR patients recover quickly and almost always go home the next day to return to full and productive lives with minimal pain and a small scar,” said Dr. Subbarayan.

The TCAR procedure was developed by Sunnyvale, California-based Silk Road Medical, Inc. and includes the ENROUTE® TransCarotid Neuroprotection (NPS) and Stent System – the first devices designed and FDA-approved specifically for TCAR. Over 10,000 TCAR procedures have been performed worldwide through clinical trial and commercial use. To learn more about the TCAR procedure, please visit: <https://www.prevea.com/For-Patients/Your-Wellness/Resources/TransCarotid-artery-revascularization-TCAR>

About Prevea Health

Founded in Green Bay, Wis. in 1996, Prevea Health is a health care organization that provides high-quality, primary and specialty health care in 80+ locations across Northern, Eastern and Western Wisconsin in clinic and hospital settings. It is partnered with six Hospital Sisters Health System (HSHS) hospitals across Wisconsin to provide patients a system of highly-coordinated care, close to home: HSHS St. Vincent Hospital and HSHS St. Mary's Hospital Medical Center in Green Bay; HSHS St. Nicholas Hospital in Sheboygan; HSHS St. Clare Memorial Hospital in Oconto Falls; HSHS Sacred Heart Hospital in Eau Claire; and HSHS St. Joseph's Hospital in Chippewa Falls. For more information, visit www.prevea.com.

About HSHS St. Vincent Hospital

HSHS St. Vincent Hospital, 835 S. Van Buren St. in Green Bay, Wis., offers a comprehensive range of high-quality health care services. It is home to Green Bay's first and only dedicated children's hospital, a Level II trauma center, a Certified Comprehensive Stroke Center, state-of-the-art cancer care and research, cardiac care, women's care and much more. HSHS St. Vincent Hospital has served Green Bay and its surrounding communities since 1888, when it was established as Green Bay's first hospital by the Sisters of the Third Order of St. Francis. It is an affiliate of Hospital Sisters Health System (HSHS), based in Springfield, Ill. To learn more about HSHS St. Vincent Hospital, please visit: www.stvincenthospital.org

About Hospital Sisters Health System

Hospital Sisters Health System's (HSHS) mission is to reveal and embody Christ's healing love for all people through our high quality, Franciscan health care ministry. HSHS provides state-of-the-art health care to our patients and is dedicated to serving all people, especially the most vulnerable, at each of our 15 Local Systems and physician practices in Illinois (Breese, Decatur, Effingham, Greenville, Highland, Litchfield, O'Fallon, Shelbyville and Springfield) and Wisconsin (Chippewa Falls, Eau Claire, Oconto Falls, Sheboygan, and two in Green Bay). HSHS is sponsored by Hospital Sisters Ministries. For more information about HSHS, visit www.hshs.org. For more information about Hospital Sisters of St. Francis, visit www.hospitalsisters.org.