

TULSA, Okla., Jun 28, 2004 (BUSINESS WIRE) -- It was announced today that a patent has been issued by the United States Patent Office for an electromagnetic technology, MicroVas, that will relieve pain in millions of people with vascular conditions. The potential savings in medical costs will be in the billions and millions of people will experience medical relief.

According to Health and Human Services Secretary Tommy Thompson, the United States is seeing the beginning of an epidemic that will have profound medical and economic consequences.

The MicroVas system is a solid-state electronic device that delivers a proprietary electromagnetic force field to the affected part of the body using a set of "leads" that connect the device to the patient with temporary stick-on "emitter pads." The treatment increases the amount of blood-oxygen that flows through the capillaries to the area of injury or wound. Oxygen is the key to effective and quick healing.

Wayne Buchner, MicroVas' inventor and the company's founder and CEO in commenting about the technology's development explained, "As a fourth generation Oklahoman, I saw first hand the devastation that diabetes was taking on the American Indian population in Southern Oklahoma. Literally every day people's extremities were being amputated at the Indian Health Centers. Working with area physicians, we treated over a thousand Native Americans free of charge for over five years. MicroVas Vascular Therapy is a mission for us. Our goal is to make this available to everyone who needs it."

MicroVas Vascular Therapy is safe, non-invasive and causes no harmful side effects. Used two to three times per week, a typical treatment session lasts 45 minutes during which patients rest comfortably in a recliner-type chair. The total number of treatment sessions can vary from only a few up to 30 or more depending upon the condition and its severity. MicroVas Vascular Therapy is Medicare approved and covered by most private insurance plans.

18 million Americans now suffer from diabetes and the number is growing at an alarming rate. To underscore this point, the government recently doubled its estimate of Americans considered "pre-diabetic" to a staggering 41 million. Without major changes in lifestyle and diet, members of this group will develop the full-blown disease within ten years.

While the newly patented MicroVas Vascular Treatment System does not cure or prevent diabetes, this medical breakthrough has been proven in clinical studies to reverse the symptoms of some of the more serious complications of the disease like neuropathy and non-healing wounds. Neuropathy is the loss of sensation in the extremities affecting 60 to 70 percent of all diabetics. Neuropathy is the leading cause of non-traumatic amputations.

Over a hundred physicians in 17 states use MicroVas Vascular Therapy to treat their patients. Collectively, this group of physicians has chronicled an amazing 83 different diagnostic conditions for which MicroVas Vascular Therapy either stands alone in its effectiveness or is far superior to traditional forms of treatment.

Dr. Gregory Rogers, a family practice physician and former chief of aerospace medicine for Cape Canaveral Air Force Station now operates three MicroVas units in his McAllister, Okla., clinic to treat patients whose conditions range from diabetic ulcers and neuropathy to carpal tunnel syndrome and fibromyalgia. According to Dr. Rogers, "This is an amazing treatment modality. Just as x-rays and MRIs were once new medical technologies, the MicroVas treatment system is also revolutionizing patient care because it can treat so many conditions that simply could not be previously treated well."

Former Wound Care Director of HealthSouth's Tulsa Rehabilitation Hospital Jack Brown, M.D. D.P.M. led a two-year study of the efficacy of MicroVas Vascular Therapy during which over 700 patients, most suffering from diabetic neuropathy and non-healing wounds were successfully treated. The study concluded that MicroVas saved over 100 limbs from amputation.

Dr. Brown attested, "I became a believer. I was so impressed with MicroVas that I bought two units for my private practice in Sand Springs, Okla. I have now treated over a thousand patients with MicroVas and I continue to be amazed by the results that I get."

This revolutionary therapy is also finding its way into sports medicine. James R. Andrews, M.D., is an internationally renowned orthopedic surgeon and one of the founding members of the American Sports Medicine Institute (ASMI), in Birmingham, Ala. Dr. Andrews also provides sports medicine treatment for numerous professional and collegiate athletic teams. He has witnessed first hand the powerful results obtained using MicroVas Vascular Therapy to treat professional athletes. Recently he commented, "The MicroVas Vascular Treatment System is having very good outcomes on sports injuries."

Buchner said, "There are millions of Americans, especially those with neuropathy who will benefit greatly. We have had hundreds of patients, who testify that MicroVas gave them their lives back."