



Michigan Vascular Center (MVC) - Mission Statement

MVC exists to improve the quality of life for patients by providing the most comprehensive, innovative and best possible vascular care based on sound principles of treatment.

MVC exists to render that care with compassion, respect, & integrity; exercising the best possible thought and judgment for the patient's benefit.

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Michigan Vascular Center's "Clarkston Campus"

It is with great pride that we at the Michigan Vascular Center announce the opening of our new Clarkston Campus on April 27, 2009. While the opening of our new facility represents the culmination of many hours of planning, it also represents much more—an affirmation of our faith in the future of Michigan and its people. Granted the economic downturn has been serious and has exacted a stiff price on our state, yet we at the Michigan Vascular Center believe in the future of this region because of the ingenuity, resourcefulness, creativity, and resiliency of its people. These qualities have been the lifeblood of this state and if the past is any indication of the future, these same qualities will be evident in those who will lead the next resurgence. It is to the better vascular health of these people, their families, friends, relatives and to all who toil to make this a better state that we dedicate our new Clarkston Campus.

Many in North Oakland County will not have heard of the Michigan Vascular Center because its main campus is located in Genesee County. We are a nine-physician group of Vascular Specialists with a support staff of eighty-five employees. Take the time to peruse our website (www.MichiganVascular.com) and read our Mission Statement and our Core Values found in this publication. They are the philosophical and ethical basis of our Center. They are the reasons we have earned and enjoy a national reputation as one of the largest, most trusted and progressive vascular groups in the country. Along with our outstanding history of innovation and research at our Michigan Vascular Research Center, our forty-five years of existence speaks to our continuity of our commitment to bringing tomorrow's vascular therapies to this region today!

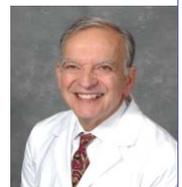
Along with its adjoining surgery-center, our Clarkston Campus will permit us to provide the outpatient vascular services best suited to such a setting. The Access Center allows participation in the 'Fistula First' program to create angio-access fistulas for those with renal failure as well as correcting the sclerotic and stenotic lesions threatening the patency of these fistulas. Same-day angio access declots allow for uninterrupted dialysis treatments. VeinSolutions will provide services such as sclerotherapy for varicose veins, and catheter directed venous ablation for those with venous pathology. In addition, vascular diagnostic services from our nationally accredited vascular laboratory along with consultation services for more common vascular problems involving PAD (peripheral arterial disease), stroke prevention and aortic aneurysms will be available for your patients.

We look forward to providing these services to the citizens of North Oakland County. We welcome your input, comments and suggestions, and the opportunity to assist in the vascular care of your patients.

Sincerely,

The Physicians and Staff of the Michigan Vascular Center

≈ Carlo A. Dall'Olmo, M.D.



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MICHIGAN VASCULAR ACCESS CENTER—CLARKSTON CAMPUS

A ONE-STOP OFFICE FOR RENAL FAILURE PATIENTS

On April 27th, 2009, a new convenience for renal patients in the Clarkston area will arrive with the opening of the Michigan Vascular Center's Clarkston Campus. This center's innovative strategy focuses on the patient by providing the highest standard of comprehensive care at one accessible location. MVC's new campus will include the region's first access center staffed by board certified vascular surgeons. These innovative physicians are dedicated to treating patients with end stage renal disease (ESRD) and also assisting them with their vascular needs.

In the past, patients with access problems have dealt with numerous visits to multiple locations. Difficult communication between locations increased the likelihood of duplicate testing and delays in appropriate treatment. MVC utilizes the single-center concept. This approach allows patients timely comprehensive care from a single, dedicated resource. Everyone at the Clarkston Campus is committed to the needs of each patient and the value of their time. The value to physicians and patients alike has been proven by the Michigan Vascular Center Access Center (Flint) since its opening in 2005.

Michigan Vascular Center's Clarkston Campus performs a variety of procedures, including diagnostic imaging of fistulas and grafts via duplex imaging and Doppler ultrasound. Repairs and/or minimally invasive procedures using catheter-based techniques such as venograms, fistulograms, and percutaneous transluminal balloon angioplasty (PTA) are among the many daily procedures offered at the Clarkston Campus. Other common treatments are coil embolization of fistula side branches, graft declots, and hemodialysis catheter insertions and removals. Patients who need a new access undergo a thorough evaluation adhering to the concept of "fistula first" to maximize the use of native fistulas. In most cases, the fistula or graft can be placed conveniently at the Clarkston Medial Building Surgi-Center by our board certified vascular surgeons.



Michigan Vascular Center's Clarkston Campus is located at 5701 Bow Pointe Drive, Suite 212, in the new Clarkston Medical Building. A vascular surgeon will be present at the center Monday through Friday to ensure quality care for each patient. Our employees are ACLS certified and have expertise ranging from cardiac and ER to the OR and dialysis unit nursing. The daily focus revolves around patient safety and the highest standard of patient care.

The surgeons of Michigan Vascular Center have been providing care for renal patients for over 40 years. The Clarkston campus is proud to support the integrated team effort of medical care that each patient deserves. Along with nephrologists and hemodialysis units, this center will deliver competent comprehensive care to each and every patient. Our goal is to meet a standard of excellence you can rely upon.

≈ Betsy Felton, RN, BSN, Nurse Manager



YOU'RE INVITED

OPEN HOUSE

SATURDAY, MAY 30, 2009 — 1:00p.m. to 4:00p.m.

Tour the facility and meet our staff



MICHIGAN VASCULAR CENTER OPENS CLARKSTON VASCULAR LAB

Noninvasive Testing of Arterial and Venous Systems

We are proud to extend Mid-Michigan's most comprehensive and accurate vascular diagnostic services to the *Michigan Vascular Center's Clarkston Campus*.

In 1980, the physicians of Michigan Vascular Center founded the noninvasive vascular laboratory as an adjunct to the diagnosis and treatment of vascular disease. From its inception, the vascular laboratory has operated under a comprehensive Quality Assurance Program (correlating laboratory, angiography and surgery), and in 1992 was among the first in the country to obtain accreditation by the Intersocietal Commission for Accreditation of Vascular Laboratories.



The new Clarkston Campus will offer the following types of testing:

Carotid Duplex

Arterial Doppler (Segmental Pressures, ABI, TBI)

Arterial Duplex

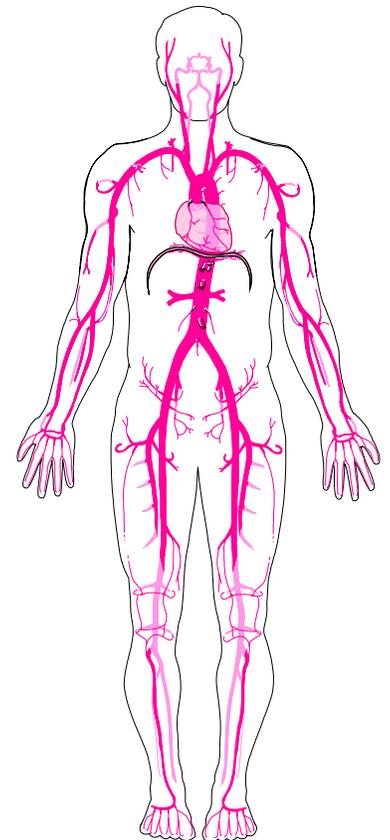
- ✓ Peripheral Vessels
- ✓ Leg Bypasses
- ✓ Arterial mapping for operative procedures
- ✓ AVF/AVG
- ✓ Groin evaluation post procedures (Pseudoaneurysm)

Venous Duplex

- ✓ Deep/Superficial Venous Thrombosis (Upper & Lower Extremity)
- ✓ Venous Insufficiency
- ✓ Vein Mapping for operative procedures

Abdominal Duplex

- ✓ Abdominal Aorta and Iliac arteries
- ✓ Renal Artery
- ✓ Mesenteric Evaluation



Vascular Laboratory Hours:

Monday—Friday: 8:00a.m. to 5:00p.m.
(248) 620-9901

VeinSolutions—A Center Dedicated to Vein Problems

In October of 2003 Michigan Vascular Center established VeinSolutions, an office dedicated to the diagnosis and treatment of venous problems. VeinSolutions will have a significant presence in the new Clarkston Medical Building. VeinSolutions is a center which focuses exclusively on the diagnosis and treatment of all venous problems.

Venous insufficiency affects approximately 20% of the adult population. The clinical manifestations of venous insufficiency effect appearance and cause symptoms of the lower extremities.

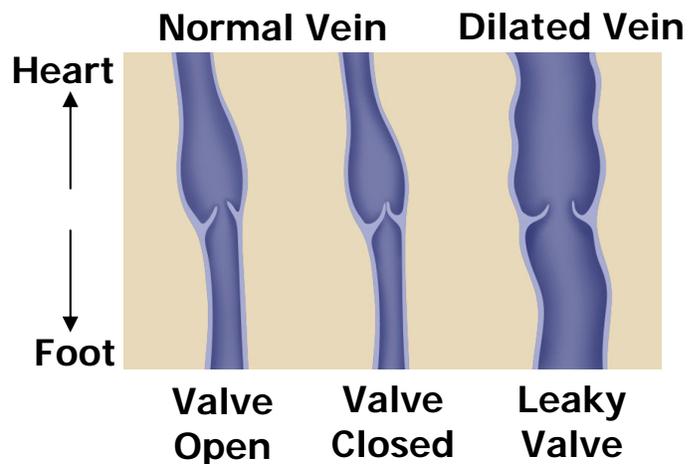
At VeinSolutions a complete range of therapeutic options are available allowing us to fashion the best treatment plan to your patient's particular clinical needs. Most of the treatments can be done in the comfort of our office. Patients have found this to be convenient, time saving, and, most importantly, tolerated well with immediate resumption of normal light activities.

How it Works—Free Screening and Evaluation

Usually the patient's first visit to VeinSolutions is a free screening by a Board Certified Vascular Surgeon. The purpose of this visit is to determine whether underlying venous insufficiency is present. If no clinical evidence of insufficiency is present, then cosmetic treatment options will be discussed. However, if there is a question of venous insufficiency, then a recommendation for further work-up and evaluation will be made. Michigan Vascular Center has an ICAVL accredited vascular lab providing both high quality studies and on-site patient convenience.

Venous Insufficiency

The key issue when evaluating a patient with varicose/spider veins—with or without leg discomfort—is whether there is underlying venous insufficiency. Venous insufficiency arises from failure of the venous valves, resulting in an increase of hydrostatic pressure throughout the venous bed from gravitational force. This can lead to a varicose veins, leg discomfort, dermatitis, and even ulceration. The key to treating these manifestations is to diagnose and correct the underlying venous insufficiency. In addition, any attempt to treat superficial veins to improve appearance without first treating the underlying venous insufficiency is doomed to either treatment failure or early recurrence. In most circumstances, troublesome venous ulcers will respond well to correction of venous insufficiency.



Therapies—Treatments

The key to optimal treatment for venous problems is to alleviate the underlying venous hypertension. Traditionally this was accomplished by stripping or ligating the offending vein. Significant change has occurred in the past several years in the treatment of venous insufficiency and large varicose veins. The procedures now are minimally invasive, usually require only local anesthesia, and are performed in the comfort and convenience of our office. Because the procedures are minimally invasive, in most instances patients return immediately to normal light activity with little or no missed work time. Endovenous ablation of insufficient veins has spearheaded this change.

Endovenous Ablation:

Endovenous ablation entails percutaneous placement of a catheter into the incompetent vein. Energy is delivered using either radiofrequency or laser. This injures the target vein wall resulting in fibrotic obliteration of the insufficient vein causing venous return to be rerouted through the remaining competent venous network. Endovenous ablation is minimally invasive and is generally done under local anesthesia in an office setting with immediate resumption of light activity.

Sclerotherapy

Sclerotherapy is an effective treatment modality for spider telangiectasias, reticular veins, and smaller varicose veins. Sclerotherapy's mechanism of action involves irreversible chemical injury to the endothelium with subsequent fibrosis of the vein.

Ambulatory Phlebectomy



In most instances, ambulatory phlebectomy is the preferred therapeutic option for the treatment of larger varicose veins. In general, phlebectomies are done under local anesthesia, in an office setting, requiring only a minute stab incision that is too small to suture, and only requires a steri-strip. For larger veins ambulatory phlebectomies afford improved aesthetics and even less discomfort compared with sclerotherapy. Sclerotherapy of larger veins is predisposed to hyperpigmentation and superficial phlebitis.

VeinSolutions has allowed Michigan Vascular Center to cater to your patients with vein problems by offering the full range of diagnostic and treatment options. In addition to providing state of the art venous care, the doctors and staff at VeinSolutions strive to give your patients an enjoyable and convenient experience with a user-friendly office which delivers timely, cordial, and professional service and care to your patients. If you have any questions or would like to schedule an evaluation for your patients, please call our office at The Clarkston Medical Building.



≈ Scott A. Garner, M.D., FACS

FLINT

810-232-3363

Toll Free: 866-301-VEIN

CLARKSTON

248-620-9901

Toll Free: 866-964-VEIN

Michigan Vascular Center's Clarkston Campus: The Rest of the Story . . .

When one thinks of “Vascular Surgery,” giant operations with large incisions and lengthy recovery periods usually come to mind. Historically this was true, but the times have changed! Today, minimally-invasive alternatives exist for nearly every pattern of arterial disease and Michigan Vascular Surgeons use them every day.

MVC
PIONEERS IN
CUTTING-EDGE
PROCEDURES IN
THE OUT-
PATIENT
SETTING

Disorders of the arteries are most commonly either due to blockages (atherosclerosis) or enlargement (aneurysms). Outpatient procedures called angiograms or arteriograms are often needed for either pattern. In selected cases, the problem can not only be diagnosed, but also fixed through a small catheter placed directly into an artery. Angioplasty or stenting is a common way to treat blockage disease of many arteries in the body. Certain artery aneurysms can be repaired using catheter-based techniques as well.

Additionally, using similar techniques, the placement of venous indwelling catheters will be offered at the Clarkston Campus. These include catheters for hemodialysis access, catheters for giving intravenous medications, and implanted ports for delivering chemotherapy. Our **board-certified** surgeons are the leaders in providing sterile technique, absolute safety, and responsibility for these patients with such fragile health.

Michigan Vascular physicians have been pioneers in offering all of these ‘cutting-edge’ procedures in the outpatient setting. We’ve proven that these can be done safely, effectively and conveniently at Michigan Vascular Access Center in Flint Township. Now they’re available in Clarkston!

≈ David B. Wilson, M.D., FACS



Michigan Vascular Center Firsts

- First in Mid-Michigan to offer tibial artery bypass for Limb Salvage, 1975
- First to implant a Palmaz Stent in Flint Michigan, 1988
- Mid-Michigan’s first ICAVL-Accredited Vascular Laboratory, 1992
- Mid-Michigan’s first endovascular repair of abdominal aortic aneurysm, 1998
- Formed Mid-Michigan’s only dedicated Vascular Clinical Research Center, 2002
- First in the State of Michigan to implant FDA approved carotid stents, 2004, 2006
- Opened Mid-Michigan’s first free-standing, full service, hemodialysis access center, 2005
- First and only site in the State of Michigan to implant a superficial femoral artery drug coated stent, 2005
- First in the State of Michigan to implant FDA approved abdominal aortic aneurysm pressure monitoring device, 2006
- First in the State of Michigan to perform endovascular removal of blood clots from veins, 2008
- Mid-Michigan’s first repair of an abdominal aortic aneurysm under local anesthesia, 2008

MVC

Michigan Vascular Center

Main Campus
5020 W. Bristol Road
Bristol at Linden Rd
Flint, MI 48507
(810) 732-1620

National Training
Center for
Endovascular /
Minimally Invasive
Procedures

Michigan
Vascular
Research

5020 W. Bristol Road
(810) 600-2009



5151 Gateway Centre
Suite 400
at Hill Road & I-75
(810) 232-3363

- Dedicated Center for Venous Conditions
- Laser / Light Therapy
- Sclerotherapy (Injection Therapy)
- Minimally Invasive Vein Surgery (Venous Closure)



- Stroke & Peripheral Arterial Disease (PAD) Prevention
- Abdominal Aortic Aneurysm Repair
- Vascular Reconstruction
- On Staff at McLaren, Hurley & Genesis

- FDA Approved Device and Pharmaceutical Clinical Trials
- Physician Educational Training Programs
- Public Awareness & Education of Non-Cardiac Peripheral Vascular Disease
- Referrals for Free Public Peripheral Vascular Screenings
- Michigan Vascular Research Center is a Michigan Vascular non-profit affiliate



INTEGRITY



Michigan Vascular Center
www.MichiganVascular.com



Since 1963

QUALITY

INNOVATION

COMPASSION

TECHNOLOGY

DEDICATION

MVAC

Michigan Vascular
Access Center
G 5202 Miller Road
in the Surgery Center
(810) 600-0560

- Specializing in Hemodialysis Access Needs
- Fistula Creation
- Consultation
- Fistula Maintenance
- Venograms
- Fistulograms
- Angioplasty
- Venoplasty
- Same Day Service



Michigan Vascular Center
Clarkston Campus
5701 Bow Pointe Dr., Ste 212
Sashabaw & Waldon Roads
(248) 620-9901



- Full compliment of Peripheral Arterial Services
- Non-Invasive Vascular Lab
- VeinSolutions

- Accredited Full Service Vascular Lab
- Provides Office, Hospital, & Emergency Services
- Registered Vascular Technologists



- Michigan Vascular Access Center
- Evaluations for Clinical Research Trials



Michigan Vascular
Non-Invasive Lab
Serving All Locations
(810) 732-1620



Michigan Vascular Center
Serving the Community since 1963

MVC Core Values

- We are a professional organization –a team– working equally in a common cause: To provide the best possible vascular care for the physicians, patients, and institutions of our community.
- We share a commitment to excellence in the vascular care of patients through the pursuit of knowledge, communication, innovation, and research.
- We value our employees and incorporate them into our team.
- We commit to each other to honor & pursue these values.

VISIT US ON THE WEB

WWW.MICHIGANVASCULAR.COM



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USA