Our Mission

“To provide personalized, cost-effective, state-of-the-art cardiology care to our patients... with an emphasis on prevention.”
Cardiovascular Intervention’s (CVI) 12,000 sq. ft. facility houses a variety of state-of-the-art technology advancements that aid in the diagnosis and treatment of cardiac conditions and assists in developing the most sophisticated cardiac treatment plans. Our entire team, under the direction of Dr. Pradip Jamnadas, assists in developing and delivering the most comprehensive cardiac treatment available in Central Florida.

Cardiovascular Intervention’s (CVI) team of cardiologists, physician’s assistants, nurses and office staff strive to serve their patients with care and compassion daily.

CVI offers our patients the following:

- **Comfortable Waiting Room**: Our spacious, well-lit waiting room overlooks a serene lake and provides complementary Wi-Fi internet access for patient convenience.
- **Urgent Cardiology Care**: Although most patients see us by appointment, we offer an open, urgent care walk-in policy for patients who need to be seen without an appointment. This option gives patients an alternative when they feel poorly but not bad enough to warrant a trip to the hospital ER. This service is designed to reduce unnecessary emergency room visits and hospital admissions.
- **Efficient Patient Management**: With our modern examination rooms, CVI is able to efficiently deliver patient care. This allows us to offer timely patient care, avoid treatment delays and reduce hospitalization which can significantly reduce patient costs.
- **Financial Arrangement Assistance**: Our patient billing team works closely with Medicare and most major insurance companies to assist in securing the benefits for which the patient is eligible. A current list of participating insurance companies that CVI accepts can be found on our website. For patients without insurance coverage, CVI can provide quality care at a competitive self pay price. Simply contact one of our billing representatives at (407)896-7899 and we will be happy to provide a cost estimate and discuss potential financial arrangements.
- **Paperless Office**: Cardiovascular Interventions is a paperless office featuring all electronic medical records and billing systems. Our providers have access to them 24 hours a day, from any location. This enables us to efficiently send vital medical records to emergency rooms and other physicians as needed. Patients also have access to their medical records and other services through the Patient Portal located on our website.
- **Education**: Our website has many educational links and we sponsor lectures from The Galen Foundation and CVI, which foster a complete mind, body, and spirit approach to healthy living.
- **Concierge Cardiology Service**: From prevention and diagnostics to complete 24/7 direct access to cardiology services, CVI is a leader in providing more personalized health care options to our patients. Annual concierge memberships are available, please ask your CVI healthcare provider for membership details.
Dr. Pradip Jamnadas is the founder and medical director of Cardiovascular Interventions and has practiced in Central Florida for over 28 years. Widely recognized for his skill in interventional cardiology Dr. Jamnadas has been awarded Orlando Top Doctor by Orlando Magazine consecutively for over a decade.

Accreditations:
- Diplomat of the American Board of Internal Medicine
- Board Certified with the American Board of Internal Medicine with subspecialties in Cardiovascular Disease and Interventional Cardiology
- Board Certified in Nuclear Cardiology and Board Certified in Laser Surgery

He is on staff at Florida Hospital Orlando, and teaches medical students as an Assistant Clinical Professor at Florida State University, the University of Central Florida College of Medicine, and residents in Florida Hospital’s teaching programs.

Educated in England, at the University of London College Medical School with internships in London and Kent, he completed his residency in internal medicine at the University of Maryland and his cardiology fellowship at Yale University. In addition he completed an interventional cardiology fellowship at St. Luke’s Hospital in Milwaukee, WI.

**Dr. Jamnadas has full hospital privileges and provisions to perform the following procedures:**

- Coronary Angioplasty
- Coronary Stent
- Cardiac Catheterization
- Complete in Hospital
- Cardiovascular Care
- Consultative Cardiology
- Coronary Atherectomy
- Atherectomy
- Aquapheresis
- Defibrillator Insertion
- Biventricular Pacemaker Insertion
- Pacemaker Insertion
- Biventricular
- Implantable Cardioverter
- Defibrillators (ICDs)
- Peripheral Angioplasty
- Peripheral Stent
- Renal Stent
- Peripheral Atherectomy
- Renal Angioplasty

**Recognition & Awards**
5. Best Teaching Attending of the Year,
9. Preceptor of the Year, Florida Hospital Medical Center, Family Practice Residency Program (1997-1996)
Dr. Brian Kelly, DO, FACC
Dr. Brian Kelly joined CVI in July 2008 and has been practicing in Central Florida since 1990. He specializes in invasive cardiology, nuclear cardiology and cardiac echocardiography.

A graduate from Kirksville College of Osteopathic Medicine, Kelly completed his residency at J. F. Kennedy Memorial Hospital and his internship at Cooper University Medical Center. Dr. Kelly also holds a fellowship at Cooper University Medical Center hospital.

Dr. Kelly is also a cardiologist for the University of Central Florida athletes and a consultant to the Orlando Magic basketball team. Our clinic privileges at Florida Hospital Healthcare System where he continues to hold a non-invasive co-director position.

Specialized Training
Trained in all areas of invasive and non-invasive cardiology including:

- Cardiac catheterization by Sone’s and Judkin’s Techniques
- Swan-Ganz catheterization
- Temporary and permanent pacemaker insertion,
- Right heart catheterization for pulmonary artery hypertension
- Percutaneous insertion of intra-aortic balloon
- M-Mode, 2-D, and Doppler echocardiography, color flow imaging
- Stress echocardiography
- Nuclear imaging techniques
- Special interventional cardiology training including:
  - PTCA including complex multivessele and multilesion angioplasty
  - PTCA in acute myocardial infarction
- Exercise stress testing
- Consultative critical care cardiology
- Holter monitoring
- EKG
- Assisted angioplasty and valvuloplasty using percutaneous femoral cardiopulmonary bypass
- Peripheral vascular interventions using balloon angioplasty
- Directional atherectomy of coronary and peripheral arteries
- Trained to perform stent placement
- MDIN Level I & II Cardiac CTA Course, 2006

Dr. Kelly has participated as sub investigator in multiple research studies. He also has teaching responsibilities at Nova Southeastern University as a Clinical Assistant Professor and University of Central Florida College of Medicine as an Assistant Professor of Internal Medicine.
**Nuclear Cardiology**

Nuclear Cardiology has played a pivotal role in establishing the diagnosis of heart disease and in the assessment of disease extent and the prediction of outcomes in the setting of coronary artery disease. Nuclear cardiology studies use non-invasive techniques to assess myocardial blood flow, evaluate the pumping function of the heart as well as visualize the size and location of a heart attack. CVI’s state-of-the-art dual-head nuclear camera has short acquisition time, high accuracy and avoids unnecessary invasive hospital procedures.

**ECP**

External Counter Pulsation (ECP) is a non-invasive, FDA approved, outpatient therapy for patients having persistent symptoms of chest pain due to blockages in the coronary arteries. ECP is done in those who have already had the standard treatments for revascularization or those who are not eligible for surgical intervention.

ECP quickly stimulates the formation of collateral blood vessels to help create a natural bypass around narrowed or blocked arteries to improve coronary blood flow with no significant side effects. This procedure also reduces the symptoms of chest pain, shortness of breath, and fatigue which improves the patient’s quality of life.

**Pacemaker Clinic**

An increasing number of cardiac conditions are being treated with devices such as pacemakers, implantable cardioverter-defibrillators (ICDs), biventricular pacemakers and biventricular ICDs. Implantable pacemakers and ICDs can be interrogated (interpreted and evaluated) either in our office or remotely, depending on your model.

Interrogation provides vital information about the normal functioning of the device, arrhythmias, and battery life. Reprogramming is often needed according to the needs of the patient. The reprogramming of devices is done here in the CVI clinic and the immediate access to this service decreases unnecessary hospitalization.

**Walk-In Cardiac Urgent Care**

Our walk-in cardiac clinic is designed to decrease delays in rendering cardiac care. Certain symptoms such as chest pain, palpitations and arrhythmias need immediate evaluation. In a matter of minutes, our facility is fully equipped to: (1) Diagnose myocardial infarction, congestive heart failure, angina and arrhythmias. (2) Any procedure that is done in a hospital emergency room including x-rays, echocardiography, arrhythmia monitoring, blood testing etc. This ability assists patients in avoiding treatment delays and hospitalizations, which significantly reduces costs.
**Catheterization Lab**

CVI patients have the convenience of outpatient services for diagnostic coronary and interventional peripheral procedures. Cardiac catheterization is the insertion of a long, thin, flexible tube (called a catheter) placed into a blood vessel in your arm, groin (upper thigh) or neck and threaded to your heart. Through the catheter, your doctor can do diagnostic tests and treatments on your heart. Through our cath lab, CVI offers coronary angiography, renal angiography and stent, IVC filter placement and removal, oncology central lines for chemotherapy, peripheral atherectomy and angioplasty, as well as right and left heart catheterizations. All procedures are same day discharge and are performed by a friendly, well-trained team of professionals.

**Arterial Clinic**

Arterial diagnostic studies are used to provide diagnostic information that assists in managing peripheral vascular disease. An arterial Doppler uses high frequency sound waves to assess the blood flow and pressure within the arteries and detect any arterial abnormalities. Our Doppler studies are offered for carotid, thyroid, abdominal, renal and peripheral arteries of the legs.

**Congestive Heart Failure Clinic**

Congestive heart failure (CHF) is a major public health concern affecting nearly five million Americans, and 550,000 new cases are diagnosed each year according to the American Heart Association. Approximately 70 percent of heart failure cases are the direct result of damage to the heart from coronary artery disease.

Fortunately, heart failure can be well managed when patients have access to a comprehensive program of medical treatment, education, and rehabilitation. The Baylor Heart Failure Program is designed to meet the challenge of caring for this growing population of heart failure patients. This comprehensive program focuses on improving patient quality of life through medical treatment, vital education, and support services.

**Lipid Clinic**

Our comprehensive lipid clinic offers state-of-the-art management of the most important risk factors for cardiac and vascular disease. Aggressive management of hyperlipidemia has clearly been shown to reduce heart attacks, strokes and vascular diseases. The laboratory test results are available in a matter of minutes which allows for any immediate medication changes that may be necessary.

Apart from the standard lipid panel, CVI offers advanced lipid panel testing which allows a further break down of the lipid panel to assess particle size, atherosclerotic markers like Lipoprotein A, and other genetic markers. The results of this test allow the physician the ability to go beyond the standard care to reduce patient morbidity and mortality.
**Hematology Lab**
Our on-site state certified blood laboratory performs blood testing necessary for cardiac patients. These tests include: CBC (Complete Blood Count), BMP (Basic Metabolic Panel), Protime (PT, INR), lipid panels, cardiac enzymes and BNP (B-type natriuretic peptide). The immediate availability of the cardiac enzyme and BNP test results allow the physician to immediately rule out heart attack and heart failure. CVI’s on-site testing allows our patients to avoid unnecessary hospitalization and enables accurate clinical decisions and immediate changes as needed.

**Coumadin Clinic**
Maintenance of anticoagulation effects of Coumadin is important to avoid bleeding and ensure efficacy. We monitor, track, and adjust the doses of Coumadin needed using a simple finger prick.

The frequency of testing and adjustment of medications depends on your personal diet, health, lifestyle and other medications. We ensure accurate results being available within two minutes.

**Vein Clinic**
Venous studies offered at CVI include a Venous Doppler or Venous Reflux study, which are used to determine the cause of long-standing leg swelling and pain. Venous studies aid in the diagnosis of deep vein thrombosis, malformations, and venous insufficiency. Treatments provided in our facility for venous insufficiency include venous ablation for varicose veins and sclerotherapy for spider veins. Venous ablation is a technique that uses intense thermal energy to irreversibly destroy an incompetent or diseased vein. Sclerotherapy is the treatment of choice for small varicose veins or spider veins that may or may not be symptomatic. Sclerotherapy causes small veins to collapse, forcing blood into healthy vein.

**Hypertension Clinic**
Open for all to manage hypertension with the use of 24-hour ambulatory blood pressure recordings and specific personalized medications and lifestyle programs.
**Echocardiography (ECHO)**
Echocardiography uses high frequency sound waves to provide a graphic outline of the hearts movement and function. An ECHO shows detailed pictures of the heart valves and chambers to evaluate the overall function and pumping action of the heart. This simple office test can determine the presence of many types of heart disease and the effectiveness of medical or surgical treatments.

**Cardiversion**
Cardioversion is a procedure that can restore a fast or irregular heartbeat to a normal rhythm. Arrhythmia, a condition of having a fast or irregular heartbeat, can prevent your heart from pumping enough blood to your body. They also can raise your risk for stroke, heart attack and sudden cardiac arrest.

**NIPS**
NIPS, a non-invasive programmed stimulation, is a procedure during which your implanted cardiac defibrillator is tested and programmed to ensure that it functions optimally for you. This procedure may be done periodically throughout the life of your device and in response to changes in your overall health or in the medications you are taking.

The procedure involves artificially accelerating your heart to determine whether or not your device responds appropriately. You will be given mild sedation for the procedure. Expect to be in the clinic for several hours and plan on having someone available to drive you home after the procedure.

**Genetic Testing**
Genetic testing is used to predict cardiovascular risks (i.e. risk of myocardial infarction, stroke, etc.) and can also be used to predict the response and risks of commonly used drugs. Incorporating genetic testing in selected patients allows for safer medication usage, better choice of medications and other preventive treatments.

We are currently testing for Plavix metabolism (CYP 450 2C19), Beta Blockers (CYP450 2D6), Coumadin (Warfarin), Apo E, Factor II Mutation, Factor V Leiden, Hereditary Hemochromatosis, and Hypertrophic Cardiomyopathy. This test involves a simple buccal swab (i.e. no blood test necessary).
Nutritional Counseling for Whole Life Health

We have a registered dietician on staff to help you construct the best heart-friendly diet that is specific to your medical condition, physical needs and genetic makeup. This includes eating natural and fresh foods with a practical approach the balance of diet, exercise, intermittent fasting and meditation to improve physical, mental health and spiritual health. Ask your provider to schedule an appointment.

Available Products:

On-Site Generic Pharmacy
All cardiac-related generic drugs and some antibiotics are available in our on-site clinical pharmacy for the convenience of our patients. This ensures that patients are able to begin taking their medications immediately. The pricing of our generic medications is typically similar to commercial pharmacies.

Blood Pressure Monitoring Devices
Inflatable blood pressure cuffs, which are mandatory for blood pressure monitoring, are available for purchase on-site. Our physicians encourage all patients to have the ability to monitor heart rate and blood pressure at home. This fosters better care and management of the disease process.

Resperate
Resperate uses chest sensors to measure breathing and assist in synchronizing you to a longer-expiration breathing pattern and lower your blood pressure and stress. A portable, FDA-approved drug free device is available on-site.

Venous Compression Stockings
Elastic compression stockings apply pressure over the legs to promote blood flow and valve effectiveness in patients with venous insufficiencies. This helps reduce venous pressure, prevents venous stasis, and relieves heavy and aching legs. These are available on-site for purchase.

Supplements
A complete list of available supplements available in our clinic is available on the CVI website.