



ADVANCED CARDIOVASCULAR INSTITUTE



SURGICAL THERAPIES



COMPLETE CARDIOVASCULAR SOLUTIONS

www.acicares.com



...Bringing Quality Healthcare To Life

ACI and ACI Surgical Therapies (ACIst) operate a full service, hospital-based cardiovascular care facility. We utilise the most sophisticated, cutting-edge technologies in diagnosing and treating cardiovascular disease. **We provide 24/7 ACCESS for EMERGENCY PROCEDURES via our life-saving Heart Attack Centre** including urgent primary angioplasty procedures for people experiencing heart attacks.

We offer complete cardiovascular solutions for heart care and blood circulation problems through our state-of-the-art catheterisation labs and an ultra modern open heart surgical programme -

- Internationally trained specialist cardiac nurses
- Most experienced and skilled technical team in the Caribbean
- Most modern and advanced Catheterisation Labs in the Caribbean, with access to affiliated professionals -
 - Leading international board-certified cardiologists
 - World-class cardiothoracic surgeons
 - Internationally certified electrophysiologist

DIAGNOSTIC SERVICES

Angiogram and radiology procedures to identify blockages, abnormalities and disorders in the blood vessels of the heart and other areas of the body, such as the arms and legs, abdomen, head, and kidneys.

Electrophysiology programme to examine the heart's electrical system, which is responsible for the heart beating, and to aid the identification of any abnormalities and threatening irregular heart rhythms that many require corrective treatment.

Fractional flow reserve procedure to measure the pressure drop caused by a blockage. This sophisticated technology provides information that is extremely useful to interventional doctors in guiding stenting decisions.

Intravascular Ultrasound procedures that provide a 360 degree view within blood vessels to investigate plaque build-up and aid implantation of devices, such as stents.



INTERVENTIONAL PROCEDURES & SOLUTIONS

- Angioplasty and stenting for reopening narrowed or blocked blood vessels in the heart, legs, arms, kidneys, etc.
- Cardiac Rhythm Devices – Pacemakers, Implantable Cardioverter defibrillators (ICDs), and Cardiac Resynchronisation Therapy (CRT) devices for the treatment of irregular heartbeats.
- Radiofrequency (RF) Ablation – Catheter based radiofrequency ablation to treat causes of irregular heart rhythms.
- Neurovascular Intervention – Implantation of micro coils or embolic agents for treating brain aneurysms or arteriovenous malfunctions (AVMs).
- Endovascular Aortic Aneurysm Repair – Treatment of aortic aneurysms through the implantation of stent grafts.
- Hemodialysis Access Management – Fistuloplasty (including Angiojet thrombectomy) for repairing blocked dialysis fistulas. Also, permcath implantation when required.
- Renal denervation procedure for reducing blood pressure levels in patients who cannot be treated with medication.
- Embolisation procedures to restrict blood flow for treating specific ailments, such as aneurysms, tumors, etc.

SURGICAL SOLUTIONS

- Open heart surgery (coronary artery bypass graft or CABG)
- Aortic valve repair, aortic valve replacement
- Mitral valve repair, mitral valve replacement
- Aortic aneurysm repair, aortic aneurysm surgery
- Repairing of holes in the heart – arterial septal defects and ventricular septal defects
- Surgical ablation for atrial fibrillation – used in regularising the heart's electrical system
- Fistula creation for hemodialysis patients to facilitate dialysis

ACIst has introduced the highest standards of conservative blood management to the Caribbean that minimise the need for unnecessary blood transfusions.

SUPPORT SERVICES

Patients have access to:

- Cardiology
- Cardiac rehabilitation
- Radiology
- Neuroradiology
- Nephrology
- Respiratory therapy
- Hematology
- Physiotherapy
- Dietary consultation
- Diabetes management

At ACI and ACIst, we pride ourselves on providing a level of technological and procedural sophistication that is on par with international cardiovascular centres of excellence. At the same time, we never lose focus of the human touch, providing the highest level of care when nurturing our patients back to good health.





IN AN EMERGENCY

Go directly to the Accident & Emergency Department at West Shore Medical Private Hospital, open 24 hours, 7 days a week.

SCHEDULING APPOINTMENTS

Call or visit us and our courteous and professional staff will assist you and respond to your inquiries.



Advanced Cardiovascular Institute... Bringing Quality Healthcare to Life

Telephone: (868) 628-4740

Conveniently located at West Shore Medical Private Hospital,
239 Western Main Road, Cocorite, Trinidad.

www.acicares.com