

MEET McLAREN

# BAY REGION CARDIOLOGY SERVICES

## MCLAREN BAY REGION CARDIOLOGY SERVICES

At McLaren, our expert team of heart specialists are committed to providing patients with comprehensive and compassionate cardiac care. Our cardiology programs offer advanced diagnostic and treatment options, including the latest minimally invasive cardiac and vascular procedures, and groundbreaking research and clinical trials.



## QUALITY HEART CARE IN BAY COUNTY

When you have problems with your heart, McLaren Bay Region cardiologists and cardiology teams listen and respond. Our friendly and experienced team of professionals can effectively diagnose and treat your needs.

McLaren Bay Region offers world-class cardiology services close to home in Bay City, West Branch, Midland, and the surrounding areas.

## WHO CAN BENEFIT?

Patients with "controllable" risk factors:

- Smoking
- High blood pressure
- High blood cholesterol
- High blood sugar (diabetes)
- Obesity and overweight
- Physical inactivity
- Stress

# McLAREN CARDIOLOGY SERVICES

## INDUSTRY-LEADING EXPERTISE

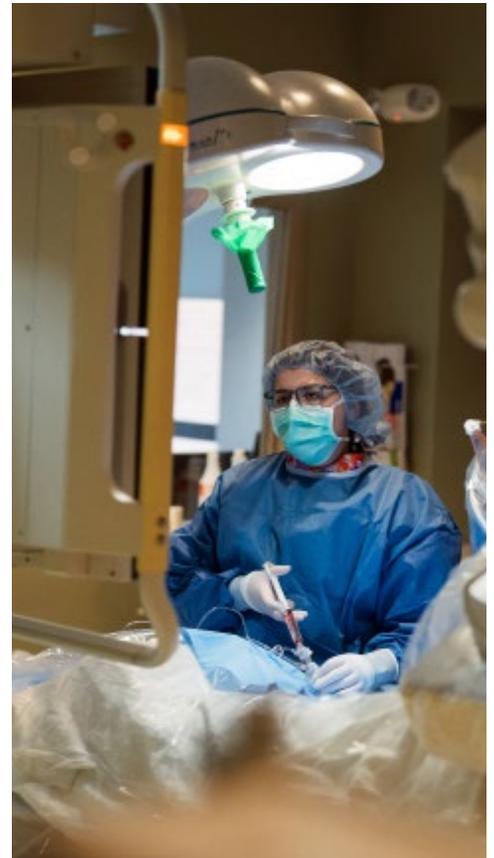
When it comes to managing heart health, there are various essential procedures and information that play a critical role in diagnosis, treatment, and ongoing care.

- Atrial Fibrillation
- Cardiac Ablation
- Cardiac Diagnostic Screenings and Tests
- Cardiac Health and Diet Information
- Cardiac Catheterization/Arteriography
- Cardiac Rehabilitation
- Cardiac Surgery
- Cardioversion
- Carotid Artery Stenting
- Coronary Angiography
- Coronary Atherectomy
- Carotid Stenting
- Electrophysiology (EP) Laboratory
- Heart Failure Clinic
- Implantable Cardioverter-Defibrillator (ICD)
- Percutaneous Coronary Intervention
- Structural Heart Disease Clinic
- Thoracic Surgery
- Transcatheter Aortic Valve Replacement (TAVR)
- Transradial Coronary Angioplasty
- Valve Clinic
- Women and Heart Disease

## TREATMENTS AND PROCEDURES

At McLaren we provide a vast range of cardiac treatments and procedures. Some may include:

- **Ablation (also Radio-frequency or RF Ablation)** is a procedure where catheters are placed in the heart and RF energy is delivered through the catheter to abnormal heart tissue causing an irregular heartbeat. This neutralizes (ablates) the cardiac cells that are causing an arrhythmia by creating a block that the electrical impulses can no longer cross. The procedure is performed by a cardiac specialist called an Electrophysiologist.
- **Atrial Fibrillation Treatment** could include:
  - Medications to control heart rhythm, heart rate and blood clotting
  - Device implants such as pacemakers
  - Catheter ablation
  - Surgical ablation, including new minimally-invasive surgery
- **Coronary Angiography** is a procedure used to visualize blood vessels of the heart. A catheter is used to inject a dye into the vessels; the vessels can then be seen by x-ray.

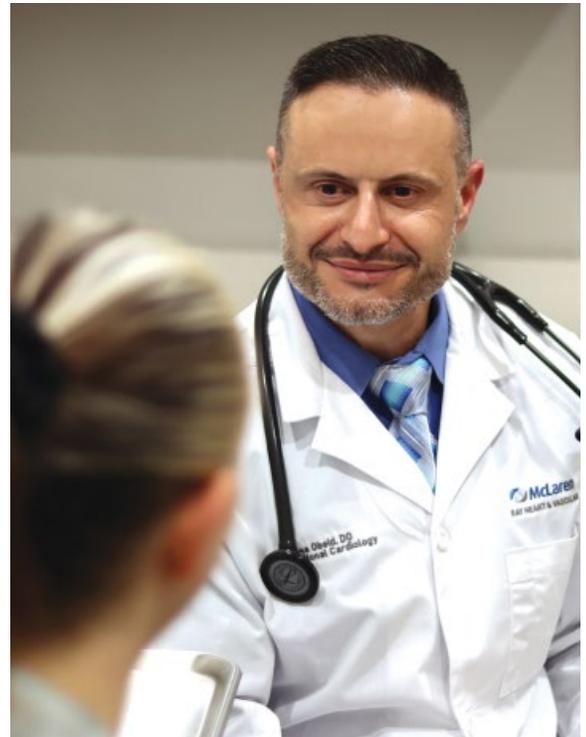


- **Open heart (coronary artery bypass, or CABG) surgery** is performed in order to reroute, or “bypass,” blood around blocked arteries, thereby improving the supply of oxygen-rich blood to the heart. Surgeons usually use an artery from the chest wall to construct the “detour” around the blocked part of the artery. Veins from the legs are also used.
- **Off-pump bypass surgery** is possible for some open heart surgery patients. While standard open heart surgery requires the use of a mechanical heart-lung machine during the procedure, this reduces the risk of some complications and shortens recovery time.
- **TAVR (Transcatheter Aortic Valve Replacement)** is an FDA-approved, minimally invasive procedure for patients considered low-risk for open-heart valve-replacement surgery. The procedure is performed through a small puncture in the groin or a small incision in the chest.
- **Repair of structural heart defects** are performed to correct defects in the structures of the heart that are the result of a congenital birth defect or acquired as a result of other cardiac diseases.
- **Cardiac trauma surgery** is performed when the heart is damaged or involved in a traumatic injury.

## CARDIAC DIAGNOSTIC SCREENINGS AND TESTS

We offer many diagnostic screenings and tests which may include:

- Calcium Scoring
- Echocardiogram
- Exercise Stress Test
- MUGA Scan (Multiple Gated Acquisition scan)
- Myocardial Viability Testing
- Nuclear Cardiac Stress Test
- Peripheral Vascular Disease (PVD) Screenings
- Pharmacologic Stress Tests
- Pulse Volume Recording (PVR)
- Stress Echocardiogram
- Tilt Table
- Transesophageal Echocardiogram (TEE)



# LOCATIONS/STAFF

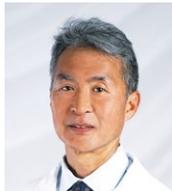
## INTERVENTIONAL CARDIOLOGY



**Yousef Bader, MD**  
Interventional & Structural Cardiologist



**Japhet Joseph, MD**  
Interventional Cardiologist



**Daniel T. Lee, MD**  
Interventional Cardiologist & Peripheral Vascular Medicine



**Kochunni Mohan, MD**  
Interventional Cardiologist



**M. Anas Obeid, DO**  
Interventional Cardiologist

## CARDIOLOGY



**Gassan Alaouie, DO**  
Cardiologist



**Michael Abdul-Malek, DO**  
Cardiologist



**Subbarao Chavali, MD**  
Cardiologist



**Abraham Salacata, MD**  
Cardiologist



**Mark Sierra, MD**  
Cardiologist

## CARDIOVASCULAR SURGERY



**Ramesh B. Cherukuri, MD**  
Cardiovascular Surgeon



**John Kuhn III, MD**  
Cardiothoracic Surgeon

## CARDIOTHORACIC SURGERY

### Additional Thoracic Surgical Team Members

Sanjay Batra, MD  
Omar Habib, MD  
Mahender Macha, MD  
James Martin, MD  
Nathan Mollberg, DO  
Anup Sud, MD

## We Welcome Your Referral

Fax referrals in Bay City to (989) 345-0485, those in West Branch (989) 345-0485, or send through Cerner. Please include the following information:

- Office visit notes
- Current advanced imaging
- Current patient demographics, including insurance information
- Any prior authorizations needed

### McLaren Bay Heart & Vascular

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For a complete list of our clinic locations and cardiology providers, including practitioners, please visit our website at [www.mclaren.org/main/mclaren-bay-region-cardiology](http://www.mclaren.org/main/mclaren-bay-region-cardiology)