BIRAT MEDICAL COLLEGE TEACHING HOSPITAL

DEPARTMENT OF CARDIOVASCULAR MEDICINE

Introduction of The Department

The Department of Cardiovascular Medicine at Birat Medical College Teaching Hospital is dedicated to providing comprehensive care for heart conditions in both adults and children. Our department is equipped with cutting-edge technology and a highly skilled team of specialists committed to delivering high-quality patient care. We focus on a full spectrum of services, from preventive cardiology to interventional treatments, ensuring that each patient receives personalized and compassionate care. Our mission is to improve heart health and offer advanced treatment options tailored to the individual needs of our patients.

The Team

Prof. Dr. Prashant Shah

Professor and Head of Department
Interventional Cardiologist (Paediatrics & Adult)
DM Cardiology (AIIMS, New Delhi)
MD Internal Medicine (PGIMER Chandigarh)
MBBS (BPKIHS)

Dr. Madhav Bista

Consultant Cardiologist
Fellowship in Interventional Cardiology
MD - Interventional Cardiology
MBBS

Our Services

Outpatient and Inpatient Cardiovascular Services

We diagnose and treat a wide range of heart conditions, offering both outpatient consultations and inpatient care for more serious conditions.

1. Electrocardiogram (ECG)
A quick and non-invasive test to measure the electrical activity of the heart, helping to identify arrhythmias, ischemia, or previous heart attacks.

2. Echocardiography (including Color Doppler)
This ultrasound-based test visualizes the heart and its function, providing crucial information about valve function, blood flow, and structural abnormalities.

3. Treadmill Test (TMT)
A stress test that monitors how the heart handles physical exertion, used for diagnosing coronary artery disease.

4. Holter Monitoring
A continuous 24-48 hour ECG recording to capture intermittent arrhythmias not seen in a standard ECG.

5. Ambulatory Blood Pressure (ABP) Monitoring
This test tracks blood pressure over 24 hours to detect hypertension or abnormal fluctuations in blood pressure.

6. Coronary Care Unit (CCU)
A specialized unit for managing severe heart conditions like heart attacks, arrhythmias, and heart failure, equipped with advanced monitoring systems.

7. Angioplasty (Stenting)
A minimally invasive procedure to open blocked arteries, often with the placement of a stent to keep the artery open and restore normal blood flow.

8. Angiography
A diagnostic procedure using contrast dye and X-rays to visualize blockages in the coronary arteries.

9. Pacemaker Insertion
A procedure to implant a small device that helps regulate abnormal heart rhythms (arrhythmia), improving the heart's efficiency.

10. Device Closure Procedures
Non-surgical treatment options for closing congenital heart defects such as atrial septal defects (ASD) through catheter-based techniques.

11. Pericardiocentesis
A procedure to remove fluid from the sac surrounding the heart (pericardium), which can relieve pressure and prevent heart function impairment.

12. VTMRI (Valve Therapy with Magnetic Resonance Imaging)
Advanced imaging to evaluate valve function and guide therapeutic decisions for valve repairs or replacements.

13. Heart Failure Management
Comprehensive care for patients with heart failure, focusing on optimizing medical therapy, patient education, and lifestyle modifications.

14. Arrhythmia Management
Expert management of heart rhythm disorders through medication, catheter ablation, and device implantation such as pacemakers and defibrillators.

15. Hypertension Management
Personalized care for managing high blood pressure, including medication, lifestyle changes, and ongoing monitoring.

16. Comprehensive Cardiac Rehabilitation
A post-treatment program to help patients regain strength, improve heart health, and reduce the risk of future heart issues through supervised exercise and lifestyle education.

Bipanna Nagarik Kosh Program

Our department participates in the Bipanna Nagarik Kosh Program, offering financial assistance of up to Nrs. 1 Lakh for eligible patients requiring cardiovascular services. This initiative ensures that patients from underprivileged backgrounds can access life-saving treatments without the burden of financial strain. Our team will guide you through the application process to help you access this benefit.

BIRAT MEDICAL COLLEGE TEACHING HOSPITAL
Budhiganga-2, Tankisinuwari, Morang, Nepal
+977 021 422601, 423182 | Mob.: +977 9820756462
www.bmcteachinghospital.com
@bmcteachinghospital