

IMMANUEL KLINIKUM BERNAU
HEART CENTER BRANDENBURG



IMMANUEL
DIAKONIE

Cardiothoracic Surgery /
Cardiology / Anesthesia, Intensive
Care and Pain Medicine



Ladeburger Straße 17 · 16321 Bernau bei Berlin · Germany



Performing more than 1,400 open heart surgeries and more than 4,300 procedures each year in its cardiac catheter laboratory, the Heart Center Brandenburg is one of Germany's leading healthcare facilities. With twenty years of experience, patients from the Berlin metropolitan area and from all other regions of Germany, as well as from many foreign countries, can rely upon our expertise in medical and custodial care.

Through an outstanding interdisciplinary cooperation of the Departments of Cardiology and Cardiothoracic Surgery, our patient care is as reliable as can be. Every year, more than 5,000 procedures are performed on thoracic organs. In accordance with our highly innovative standards, we perform a variety of modern, painstaking, and minimally invasive procedures. As a participant of the award-winning Fontane Project, we provide comprehensive expertise through telemedicine, caring for more than 100 patients ranging from Bernau to Bahrain.

The Heart Center Brandenburg is the scientific leader of Germany's federal state of Brandenburg and, among others, is supported by the German Research Association. It cooperates with various renowned scientific facilities within Germany and abroad.

Our constant efforts towards the development of new clinical procedures – also reflected in numerous national and international lectures and publications – allows us to offer our patients not only established procedures but also state-of-the-art treatment concepts.

We aim to fulfill our healthcare mission with the highest possible quality. With our accompanying psychological and counseling measures, our patients experience holistic support, because your well-being holds a place in our heart.

Your Heart Center Brandenburg Team

Prof. Dr. med. Johannes Albes, MBA

Ass. Prof. Dr. med. Christian Butter

Dr. med. Georg Fritz

Our services

Department of Cardiothoracic Surgery

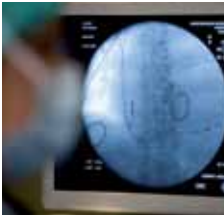
- Heart valve surgeries
- Multiple valve replacement
- Minimally invasive procedures
- Procedures without heart-lung-machine
- Vascular surgery (e.g. aneurysm procedures)
- Simultaneous procedures
- Pacemaker surgery
- Arrhythmia surgery

The Department of Cardiothoracic Surgery puts special focus on the following:

- Total arterial and minimally invasive direct coronary artery bypass operations (MIDCAB/OPCAB)
- Minimally invasive, catheter-assisted transapical aortic valve replacement (TAVI)
- Mechanical and biological aortic and mitral valve replacement and reconstruction
- Aneurysm-surgery involving the entire aorta including aortic valve reconstruction
- Simultaneous cardiac and peripheral vascular surgery procedures
- Pacemaker surgery (surgical extraction of infected pacemaker and AICD systems)
- Heart rhythm surgery (e.g. endocardial and epicardial atrial ablation, also combined with other cardiac procedures)
- Implantation of artificial heart assist devices (temporary and long-term therapy for severe cardiac insufficiency biven-tricular (BVAD) and left ventricular (LVAD))
- Vascular surgery procedures for cardiac patients
- Lung tumor surgery

Department of Cardiology

- Catheter-assisted aorta valve replacement
- Catheter-assisted mitral valve reconstruction
- Treatment of cardiac arrhythmia by ablation
- Cardiac resynchronization therapy
- Laser-assisted treatment of pacemaker and defibrillator complications



Additionally, the Department of Cardiology provides the following specific treatments

- Simultaneous cardiac and vascular surgery procedures
- Treatment of severe cardiomyopathy
- Implantation of pacemakers and defibrillators
- Implantation of systems to alleviate cardiac fatigue by electrical impulse
- Treatment of acute syndrome and constriction of coronary vessels
- Treatment of cardiac arrhythmia
- Treatment of pulmonary artery occlusions
- Umbrella closure of atrial septal defects
- Diagnosis by Magnetic Resonance Imaging (MRI), arterial blood gas analysis during exercise (ergospirometry), right heart catheterization with exercise
- Telemedical monitoring of patients in cooperation with resident cardiologists

Outpatient Treatment Options

Department of Cardiothoracic Surgery

The Department of Cardiothoracic Surgery offers patients the possibility to seek advice on the intended procedure, its benefits, and involved risks, from our **medical specialists** prior to their transfer as inpatients. This service is also provided for patients who are seeking a second opinion.

Please contact the department heads office at (+49 33 38) 69 45 10 to schedule an appointment.

Additionally, our Cardiothoracic Surgery Department provides **interdisciplinary wound care management** for patients with chronic wounds. They have the possibility to consult with our wound care manager and senior physician Dr. Ralf-Uwe Kühnel.

Please contact the department heads office at (+49 33 38) 69 45 10 to schedule an appointment.

Department of Cardiology

Outpatient Department for Pacemakers

Follow-up care for patients after pacemaker, ICD, and cardiac event recorder implantations

Operating hours

Monday 8:30 am – 3:00 pm

Thursday 8:30 am – 3:00 pm

To schedule an appointment, please contact us at (+49 33 38) 69 45 20.

For patients suffering from severe congestive heart failure, a **special outpatient service** is provided to evaluate and plan the adequate cardiological or cardiothoracic therapy treatment.

Please contact our office at (+49 33 38) 69 44 42 to schedule an appointment.

Outpatient examinations

(only for privately insured patients)

- Right heart catheterization with exercise
- Cardio-Pulmonary exercise testing (CPX)
- Holter monitoring
- Long-term blood pressure measurement



- Ambulatory heart catheterization
- Cardiac ultrasound (echocardiography)
- Ultrasound evaluation of the heart performed through the esophagus (transesophageal echocardiogram, TEE)
- Magnetic resonance imaging of the heart (MRI) – depending on indication
- Computer tomography of the heart (cardiac-CT)

Privately insured patients, please contact us at (+49 33 38) 69 46 10.

Telephone counseling sessions

Every Friday from 9:00 am to 10:00 am

Tel. (+49 33 38) 69 46 10

Contact and Scheduling



Head of Department Prof. Dr. med. Johannes Albes, MBA

**Department of
Cardiothoracic Surgery**
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Office of Department Head

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Please contact the office of
the department head to
schedule an appointment.



Head of Department Ass. Prof. Dr. med. Christian Butter

Department of Cardiology
Christine Meinecke
Office of Department Head

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Fax (+49 33 38) 69 46 44
c.meinecke@immanuel.de

Please contact our patient
information center
at (+49 33 38) 69 44 42 to
schedule an appointment.



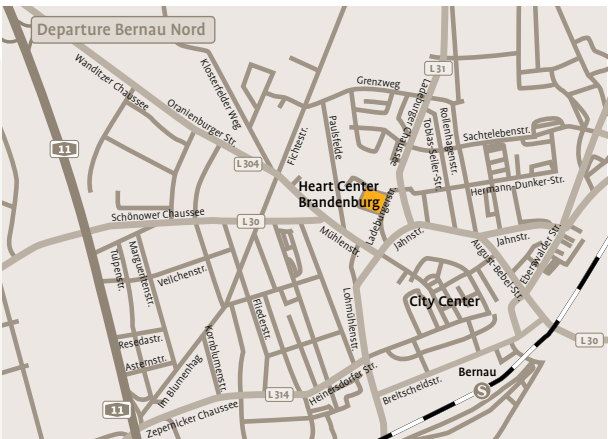
*Head of Department
Dr. med. Georg Fritz*

**Department of Anesthesia,
Intensive Care and Pain
Medicine**

Karin Burchard
Office of Department Head

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How to find us



Long-Distance and Regional Transport

- When arriving by plane please go to the information desk at the airport to access the best train connections
- Regional express train RE 3 Schwedt/Stralsund and Ostdeutsche Eisenbahn OE 60 to Bernau main station
- S2 from the urban rapid railway station or line 869 from the bus station Bernau to „Bernau, Neues Krankenhaus“ stop



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Responsible body:

Krankenhaus Bernau GmbH

A facility of
Immanuel Diakonie

BECAUSE WE LOVE LIFE.