

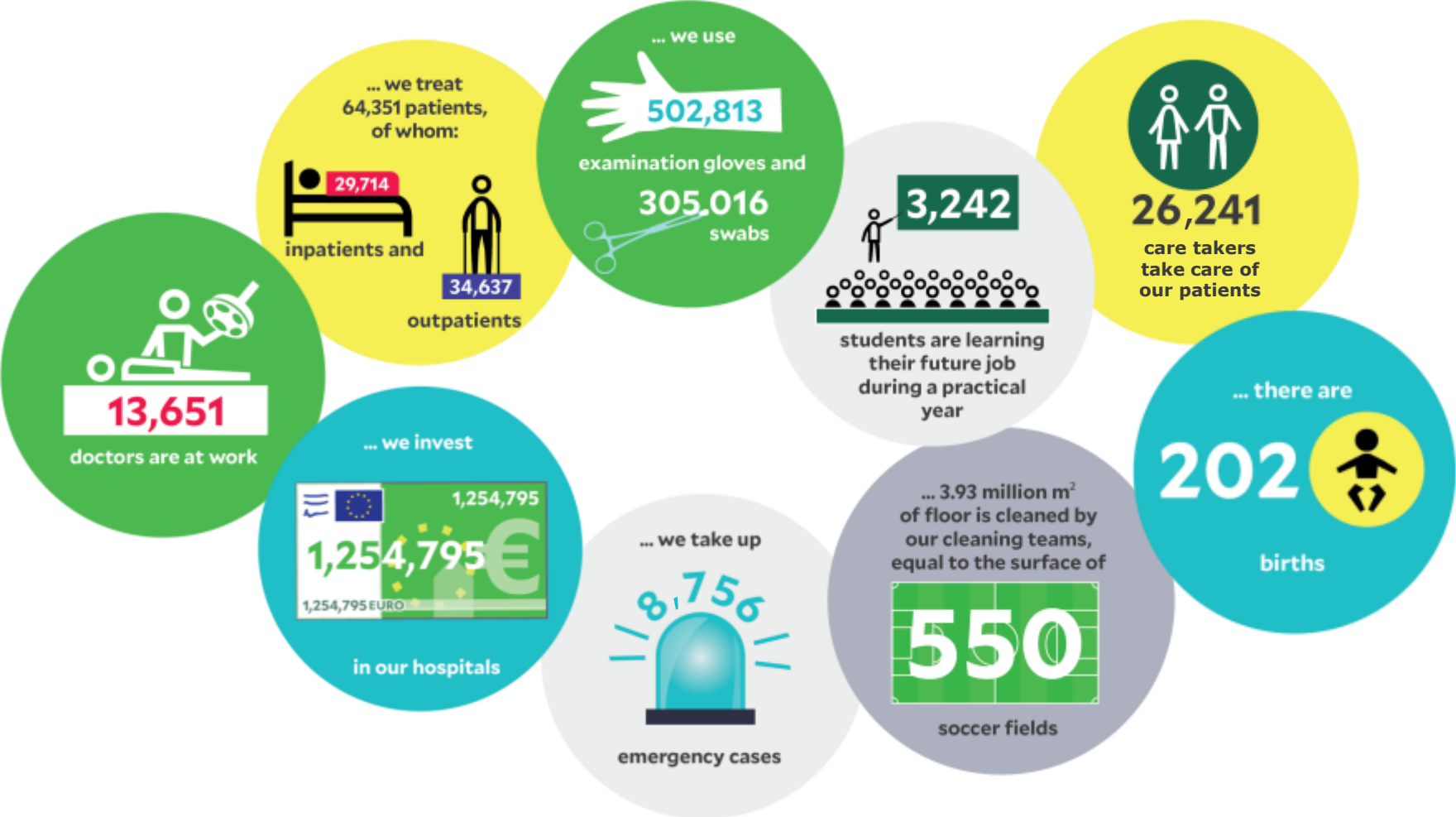
Helios Hospitals International Patients

Helios – Facts and Figures

- 89 hospitals
- 128 medical care centers
- 6 prevention centers
- 5.6 million patients (4,4 million outpatients)
- more than 73,000 employees



Any Single Day at Helios Health Group in Europe



Why Helios?

- **Entire range of medical services** in maximum care facilities
- **Complex treatments** in specialized centers and hospitals
- **Quality leadership** in Germany
- High investment rate for **best medical technology** and employee training
- **Helios Prevention Centers:** Offering check-ups and coaching for occupational health management
- **Rehabilitation Medicine:** 19 rehabilitation clinics in all specialties of Fresenius Vamed closely linked to inpatient Helios care



Helios Quality

- **Quality Medicine Initiative (IQM)**

- The IQM was established in 2008 by Helios and other hospitals
- The Initiative aims to ensure and improve the quality of diagnostics, therapy and the best possible medical treatment quality
- The three core principles of the IQM members:
 1. Quality measurement based on routine data
 2. Transparency of the results by publishing them
 3. Quality improvements through peer reviews

- **Transparency as the guideline principle**

- Since 2008 Helios is a corporate member of Transparency International
- Transparency International e.V. is an international non-governmental organization which is based in Berlin, Germany, and was founded in 1993
- Transparency International takes action to combat global corruption with civil societal anti-corruption measures and to prevent criminal activities arising from corruption

Helios Quality

- Helios is closely involved with **Germany's state healthcare system** meeting the highest governmental and **European standards** of quality
- Continuous **internal quality checks** and **improvement initiatives**
- **State-of-the-art technology** in order to offer the highest quality of medical services
- **Extensive investments** in our hospitals, medical equipment and employees to continuously improve our services
- Certified by the **German Cancer Society**



Certificate:
provides guidance and
serves as a decision-making
aid for patients

Helios Quality

- Several of the Helios clinics and doctors have several times been **rated as “the best national Hospital” in Germany and are part of “germany's renowned list of doctors”** by the Focus journal



- **High-class** specialized **healthcare, comfortable** conditions and the services of **Germany's best specialists** (star-spangled staff of doctors)

Helios Hospitals for your treatment

Berlin-Buch



Helios Hospital Berlin-Buch is a modern tertiary care hospital with more than 1,000 beds in 24 departments, six institutes and an emergency care centre. Every year, more than 51,000 inpatients and over 110,000 outpatients are treated here with high medical standards in diagnosis and therapy by interdisciplinary specialists with state-of-the-art medical devices. Berlin Buch's oncology, orthopedics and hematology departments are considered among the best in Europe. The hospital Berlin-Buch is certified by the German Cancer Society as an Oncology Centre.

Krefeld



Helios Hospital Düsseldorf-Krefeld is tertiary care hospital. Krefeld stands for a comprehensive range of services and excellent medical care. More than 2,000 staff members look after more than 100,000 inpatients and outpatients annually in 23 departments and four institutes. In the interest of best possible medical care, we continuously review our treatment quality and disclose the treatment outcomes in a transparent manner. The hospital is counted among the most state-of-the-art hospitals in Germany. The ultramodern new hospital building contributes to improving the logistic processes and makes medicine and patient service the top priority.

Munich-West



Helios Hospital Munich West is a 24-hour center for competent modern emergency medicine. The facilities include emergency cardiac catheterisation facilities, a stroke and chest pain unit, a certified bowel center, a hybrid operating room and a state-of-the-art radiological department. Helios Munich West offers outstanding medical and nursing care in a pleasant environment for all patients. Helios Munich West has a capacity of over 400 beds covering specialized departments. The hospital offers the highest level of medical services along with state-of-the-art technical equipment. Furthermore Munich West is a accredited teaching hospital.

Helios Clinics for your treatment

Heart Center Leipzig



The Heart Center Leipzig is an advanced cardiac facility with 440 inpatient beds and an additional 12 for outpatients. A team of over 1,450 staff, working under the leadership of experienced doctors and prominent scientists, offer the best medical treatments and services in the field of radiology, cardiology and more for our patients. The site of the Heart Center is also home to the Helios Park Hospital Leipzig and Leipzig Ambulatory Healthcare Center. Furthermore the heart center has held the status of university hospital under a cooperation and lease agreement with the state of Saxony and Leipzig University.

ENDO-Clinic



The Helios-ENDO clinic is a specialized clinic for bone, joint and spinal surgery and sports orthopaedics. The ENDO-Clinic has a worldwide reputation due to its outstanding competence in the treatment of diseases of the support and locomotor system. With the specialists for neurosurgery, the Helios ENDO-Klinik has a high competence in treating diseases of the spinal column and the surrounding nerves. During the last 41 years more than 7,500 patients per year have placed their trust in the medical knowledge and excellently qualified staff of the ENDO Clinic.

Helios Hospitals

Berlin-Buch



Helios Berlin-Buch has received the highest rating from the Focus journal—"Best National Hospital" for several years now.

THE BEST DOCTORS, THE LATEST TECHNOLOGY

- One of the largest modern clinics in Germany
- Modern Tertiary Care Hospital with State-of-the-art technology
- Offering the highest level of medical treatments and services
- Excellent Services for over **200.000 patients** every year
- Over **60 departments** with a star-spangled staff of doctors
- Specialized in hematology, oncology, neurosurgery and orthopedics



Medical Excellence

Oncology



Prof M.D Peter Reichardt

Director of the department of oncology and palliative care in Berlin-Buch

Specialization (in extracts):

- Interdisciplinary Oncology
- Oncology of Digestive Tract Organs
- Palliative Medicine
- Breast Cancer Treatment
- Haematology

Milestones Biography:

- Since 2016: Director Treatment Department Helios private clinic at Berlin-Buch
- Since 2014: Director Berlin-Buch Oncology Centre
- Since 2012: Chief doctor of inter-industry oncology
- 2006: Associate professor degree and a license to teach therapy (Privatdozent)
- 2000: European certificate in the sphere of oncology
- 1977 – 1984 Foundational medical education at the universities of Stuttgart and Heidelberg
- Member of the Helios clinic research council, member of the extended dissertation council at the Charité university clinic etc., active researcher and scientific expert
- Organization membership: American Society of Clinical Oncology (ASCO), European Society for Medical Oncology(ESMO), German Oncology Society etc.

Medical Excellence

Haematology & Oncology

Prof. M.D. Bertram Glass

Director of the Haematology and Transplantation Centre in Berlin-Buch

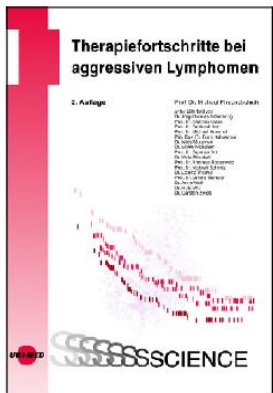


Specialization (in extracts): :

- Haematology
- Stem Cell transplantation
- Oncology
- Onco-Heamatology
- Neoplastic Immunology

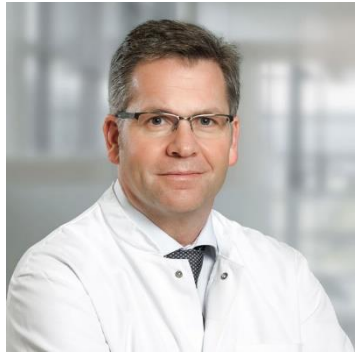
Milestones Biography:

- Since 2017: Chief doctor of haematology and stem cell transplantation at Berlin-Buch
- Until 2016: Senior lecturer at Asklepios Medical School
- 2007 – 2017: Director of stem cell transplantation at the stem cell transplantation centre at St. George's Clinic
- 2001 – 2007 Head of department and activities for stem cell transplantation at the haematology and oncology clinic at the Göttingen University Clinic
- Active researcher in the area of haematology and bone marrow transplantation and professor at the University of Göttingen specialized in haematology and oncology
- Organization membership: American Society of Clinical Oncology (ASCO), European Society for Medical Oncology (ESMO), German Society of Haematology and Oncology etc.



Medical Excellence

Surgery



Prof. M.D. Martin Strik

Chief Consultant of the General, Visceral and Oncological Surgery Unit, Manager of the Intestinal Center Berlin-Buch, Head of the Tumour Center Berlin-Buch

Specialization (in extracts) :

- Surgical Oncology
- Minimal Invasive Surgery
- Oncologic Surgery of Upper and Lower GI
- Pancreatic and Hepatic Surgery
- Esophagus and Stomach Surgery

Milestones Biography:

- Since 2005: Head of the Department for General, Visceral and Oncologic Surgery, at the Berlin-Buch
- 2008-2014: President of the German Association for Minimal Invasive Surgery
- 2003–2005: Head of the Department for General, Visceral and Vascular Surgery at the St. Elisabeth Hospital Straubing (Germany)
- 2001-2003 — Secretary of the CAMO (Section “Molecular Oncology” -German Surgical Society)

Medical Excellence

Gynecology



Prof. Dr. Med. Michael Untch

Chief Physician Gynaecology at Helios Hospital Berlin-Buch,
Head of Interdisciplinary Breast Cancer Center

Specialization (in extracts):

- Preoperative systemic therapy for breast cancer
- Cancer surgery (breast, ovarian, cervix, endometrial, uterus)
- Sentinel lymph node operations
- Chemotherapy and antibody therapy
- Treatment for uterine dysplasia including HPV test and vaccine

Milestones Biography:

- Since 2006: Chief physician gynaecology and head of Interdisciplinary Breast Cancer Center at Berlin-Buch
- 2005: Qualification acquisition as professor
- 1990-1992 Fellow, department of obstetrics and gynaecology, Ludwig Maximilians University, Munich
- 1990-1991 Post-doctoral research associate at the department of gynaecologic oncology, University of Miami, School of Medicine

Helios Hospitals

Krefeld



- Tertiary care hospital with **state-of-the-art technology**
- Comprehensive range of services and **excellent medical care**
- More than 2,000 staff members look after more than **100,000 inpatients** and outpatients annually in **23 departments** and four institutes
- **Innovative treatment concepts**, high-quality medical-technical equipment and permanent **advanced training** and further education
- Specialized in Oncology, Cardiology, Pediatric
- Awarded as the best clinic in Germany by Handelsblatt business magazine



Medical Excellence

Oncology

Priv.-Doz. Dr. med. Chalid Assaf

Head of the Helios Oncological Centre (HOZ)

- Several years of experiences in the area of oncology and dermatology
- Furthermore Dr. Assaf is also Chief Physician of the Clinic for Dermatology and Venerology
- Responsible for the Medical quality management at Helios
- **Specialization:** Skin cancer, drug therapy for tumors Lymphoma, Dermatosurgery Immunotherapy, Biologics



Milestones Biography:

- Since 2009: Director of the Department of Dermatology. Helios Klinikum Krefeld, Academic teaching Hospital of the Heinrich-Heine-University Düsseldorf
- 2004 -2008: Head of the Lymphoma Section of the Skin Cancer Center Charité
- 2005 -2008“Oberarzt” at the Department of Dermatology (Head: Prof. W. Sterry), Charité- Universitätsmedizin Berlin

Prof. Dr. med. Marcus Katoh

Coordinator of the Helios Oncological Centre (HOZ)

- Chief Physician of the Institute for Diagnostic and Interventional Radiology
- Specialist in radiology



Medical Excellence

Oncology

Dr. Med. Michael Daum-Marzian

Chief Physician at Helios Hospital Krefeld

Specialization:

- Chemotherapy and antibody therapy
- Gentle multi-field radiation therapy (IMRT, Rapid Arc)
- Image-guided radiation therapy(IGRT)
- Respiratory gating
- Intraoperative radiation therapy(IORT)
- Brachytherapy(afterloading)
- Palliative medicine



Milestone Biography:

- Since 2011: Chief Physician Helios Hospital Krefeld
- 2009 – 2011: Senior Physician University Hospital Düsseldorf
- 2007 – 2009: Senior Physician-in-Charge University Hospital Düsseldorf
- 2006 – 2007: Management Consultant McKinsey & Company, Düsseldorf

Medical Excellence

Cardiology

PD Dr. Med. Alexander Buße

Chief Physician of the Medical Clinic I

- Several years of experiences in the area of cardiology
- Active researcher in the fields: e.g. interventional therapy of acute myocardial infarction, Chronic total occlusions, acute coronary syndrome

Specialization (in extracts):

- Main focus: Interventional valve therapy, recanalization of chronic coronary occlusions (CTO)
- Transcatheter aortic valve implantation, TAVI (> 160 cases per year)
- Recanalisation of chronic total coronary occlusions (CTO) (> 150 cases per year)
- Transcatheter mitral valve clipping (MitraClip)
- Complex coronary interventions (left main PCI)
- High-risk interventions with assist devices (Impella, ECMO)



Milestones Biography:

- Since 2013: Medical Director and Head of Dept. of Med. I – Cardiology and Intensive Care Medicine Heart Centre Krefeld
- 2005 – 2012: Assistant Medical Director and Head of Interventional Cardiology University Dept. 3 – Cardiology Heart Centre Wuppertal Director: Prof. Dr. med. H. Seyfarth
- 1992 – 2005: Internal Medicine and Cardiology, Interventional Cardiology
- Organizational Memberships: German Society of Cardiology, European Society of Cardiology, EuroCTO Club

Prof. Dr. Med. Heinrich Klues

Chief Physician of the Medical Clinic I

- Several years of experiences in the area of cardiology
- Specialist in Cardiology and Internal Medicine

Specialization (in extracts):

- The main focus: Heart failure, heart muscle diseases, congenital heart defects
- Special heart catheter methods
- Electrophysiology
- Clarification of all heart-circulatory problems
- Heart insufficiency
- Cardiomyopathy
- Care before and after heart transplantation
- Inflammatory heart diseases of the valves, the heart muscle or the pericardium
- Congenital or acquired heart valve defects



Milestones Biography:

- Since 1999: Director of the Medical Clinic I/Cardiology, Helios Hospital Krefeld
- 1998: Recognition as “specialist internal intensive care medicine”
- 1995 – 1999: Representative of the Director of the medical clinic I, RWTH Aachen
- 1993: Recognition as specialist in “cardiology”

Medical Excellence

Cardiology

Priv.- Doz. Dr. med. Dong-In Shin

Chief Physician of the Medical Clinic I

- Several years of experiences in the area of cardiology
- Specialist in Cardiology and Internal Medicine
- Additional designation: Special Rhythmology

Specialization (in extracts):

- Main focus: Catheter ablation of cardiac arrhythmias
- Arrhythmia
- Catheter ablation
- Atrial fibrillation
- Ventricular tachycardia
- AVNRT
- WPW syndrome
- Atrial flutter
- 3D mapping
- Epicardial catheter Ablation



Milestones Biography:

- Since 2016: Since 05/2016 Chief Physician, Department of Cardiology. Helios Hospital Krefeld, Academic Teaching Hospital of the University of Aachen
- 2013 German board certification in arrhythmia
- 2010 -2016 Head Physician, Department of Arrhythmia Services, Department of Cardiology (Head: Prof. Dr. med. M. Kelm), University Hospital Düsseldorf

Medical Excellence

Orthopedics



Prof. Dr. Med. Clayton Kraft

Chief Physician of the Clinic for Orthopaedics, Trauma and Hand Surgery

Specialization (in extracts):

- Cervical Surgery
- Thoracic Surgery
- Lumbar spine surgery
- Joint replacement & Joint surgery with arthroscopy
- Hip, Knee, Foot surgery
- Trauma surgery
- Sports surgery
- Traumatology

Milestone Biography:

- Since 2015 Head of Orthopaedics / Trauma Surgery Group Helios Group
- Since 2007: Director of the Clinic for Orthopedic Surgery, Trauma and Hand surgery, Helios Klinikum Krefeld
- 2005-2007: Senior Consultant and Vice Chairman Clinic for Orthopedic Surgery University of Düsseldorf
- 2003-2005: Consultant Clinic for Orthopedic Surgery, University Bonn
- Organizational Memberships: German Society for Spine Surgery (DGW), International Society for Minimally Invasive Spine Surgery (ISMIS), German Society for Orthopaedics and Trauma Surgery
- University lecturer at the Rheinische Friedrich-Wilhelms University - field of orthopaedics and trauma surgery

Medical Excellence

Pediatric

The pediatrics department at Helios Krefeld offers the youngest of our patients and their families the very best medical care and services

- Highly specialised paediatric and juvenile medicine as well as the best possible care for premature babies

Medical fields:

- Cardiology
- Oncology
- Endocrinology
- Diabetes
- Nephrology
- Cystic Fibrosis
- Perinatal center
- Immunology and Rheumatology
- Gastroenterological and hepatological outpatient clinic
- Social Pediatric Centre

Prof. Dr. med. Tim Niehues

Head of the department

Chief Physician of the
Centre for Paediatrics and Youth Medicine



- Lecturer at the Helios Klinikum Krefeld
- Specialist for paediatrics and juvenile medicine
- Focus on paediatric oncology, paediatric rheumatology and allergology

Medical Excellence

Pediatric

Pediatric Surgery

Dr. med. Karin Lawrenz

Chief Physician of the Clinic
for Pediatric Surgery and
Pediatric Urology



Pediatric Oncology

Prof. Dr. med. Tim Niehues

Chief Physician of the Centre
for Pediatrics and Youth
Medicine



Pediatric Orthopaedics

Reza Pasha

Chief Physician of Pediatric
Orthopaedics



Helios Hospitals

Munich-West



- Helios Clinic Munich West is one of the most **modern clinics** in Bavaria and Germany
- Offering outstanding **medical and nursing care** in a **pleasant environment** for all patients
- Munich West has a capacity of over **400 beds** covering **10/16** specialized departments
- **Specialization:** Minimally invasive surgery, Multimodal pain management, Oncology, Palliative Care Unit, Orthopedics
- **Awarded** by the Focus magazine to the list of

"Top regional hospitals"

several doctors at Munich West have further been awarded as

"Top physician in Germany"



Medical Excellence

Oncology



Prof. Dr. med. Dr. phil. MA, EMB, MBA Fuat Oduncu

Chief Physician Haematology, Oncology and Palliative Medicine

Specialization (in extracts): :

- Specialist for Internal Medicine, haematology and internal oncology
- Additional designation in Palliative medicine, Hemostaseology and Medical quality management
- Several years of experiences in the area of oncology, haematology and palliative medicine
- Active researcher and author in the fields of haematology, oncology, palliative medicine, medical ethics, medical law, medical economics

Milestone Biography:

- Since 2019: Chief Physician of the Clinic for Hematology, Oncology and Palliative Medicine at the Helios Klinikum München West (Academic Teaching Hospital of the Ludwig-Maximilians-University)
- 1997-2019: Reviewer for international journals: Lancet, Lancet Oncol, J Clin Oncol, Oncol Res Treat, Infection, J Transl Med, MHEP, etc.
- 2010: Appointment as Ltd. Quality Management Officer (QMB) of the Medical Clinic IV and the Medical Polyclinic Innenstadt, KUM
- Organizational Memberships: German National Doctors' Football Team, President of the World Medical Association of Suryoye (WMAS) etc.

Medical Excellence

Orthopedics **Priv.-Doz. Dr. med. Andreas Lenich**



Chief Physician for Orthopaedics, Trauma Surgery, Hand Surgery and Sports Orthopaedics

Specialization (in extracts):

- Orthopaedics and Sports Orthopaedics
- Trauma surgery
- Central Emergency Room
- Endoprosthetics centre
- Trauma centre
- Sports orthopaedics centre
- Hand surgery

Awards:

- "Top physician 2018" awarded from the Focus Magazine



Medical Excellence

Radiology



Prof. Dr. med. Ulrich Linsenmaier

Chief Physician | Institute for Diagnostic and Interventional Radiology

- Medical director
- Member of the Helios Radiology Division
- Founder and Chairman of the European Society of Emergency Radiology (ESER)

Specialization:

- Several treatments and medical areas in the area of Radiology

Helios Hospitals

Heart Center Leipzig



- Heart Center Leipzig is one of the **largest specialist clinics for heart diseases** in Germany
- Leipzig offers **state-of-the-art medical services and medical equipment** in the field of radiology and cardiology
- Every year **44,000 patients** are treated by **1,450** experienced doctors, renowned scientists etc. with **medical excellence**
- **98%** of our patients would **recommend** the Heart Center
- **Specialized in:** Anesthesiology, Cardiac surgery, Heart failure, Cardiology, Internal Medicine, Paediatrics, Radiology, Structural heart diseases, Rhythmology, Hospital hygiene

Medical Excellence

Cardiology



Prof. Dr. med. Holger Thiele

Director and Chief Physician of the Clinic for Cardiology

- Several years of experiences in the field of cardiology
- Active scientific researcher and reviewer
- Expert in the field of cardiology further qualifications in the field of inner medicine, emergency medicine etc.

Milestones Biography:

- Since 2017: Head of the Clinic department for Internal Medicine & Cardiology, Heart Centre Leipzig
- 2013-2017: Director and Full Endowed Professor - Department of Medicine II (Cardiology/Angiology/Intensive Care Medicine), University Heart Centre Lübeck, University Hospital Schleswig-Holstein – Campus Lübeck
- 2006 – 2013: Managing Senior Physician Internal Medicine/ Cardiology/ Leipzig Heart Centre
- 2005 – 2006: Senior Physician Department of Rhythmology/ Leipzig Heart Centre
- Professional Societies Memberships : German Cardiac Society, European Society of Cardiology, Society for Cardiovascular Magnetic Resonance etc

Medical Excellence

Radiology



Prof. Dr. med. Matthias Gutberlet

Chief Physician of the Department of Radiology (Diagnostic and Interventional Radiology)

- Specialist in Diagnostic Radiology and Nuclear Medicine
- Professorship (Helios) for Cardiological Imaging
- Further education authorization for the subject Diagnostic Radiology Instructor cardio MRT and cardio CT of the German Radiological Society (DRG), member of the European Board of Cardiovascular Radiology

Specialist fields (in extracts):

- Conventional x-ray / angiography
- Computed tomography (CT) / Multi-detector computed tomography (MDCT)
- Magnetic resonance imaging (MRI)

Milestones Biography:

- Since 2007: Head of the Department for Diagnostic and Interventional Radiology
- 2007: Authorization to conduct training in the field of Diagnostic Radiology at the Department of Diagnostic and Interventional Radiology
- 2002-2007: Senior Consultant in Diagnostic Radiology (CT/MRI/conventional radiology) at Charité Berlin
- Organizational Memberships: German Cardiac Society (DGK), European Society of Radiology (ESR) etc.

Helios Hospitals

ENDO clinic



- Europe's largest **specialist clinic** for endoprosthesis, sports orthopaedics and spine surgery
- The ENDO Clinic stands for **high-quality medical care** using both the **most up-to-date procedures and technology**
- **Worldwide reputation due** to its outstanding competence
- Every year more than **7,500 patients** have placed their trust in **medical knowledge** of the ENDO clinic
- The Endo clinic has a **special focus** on bone, joint and spinal surgery and sports orthopaedics, especially for arthroplasty and septic exchange operations
- **Awarded** as “Top National Hospital for spinal surgery”, “Top rehealthcare hospital for orthopedics”, “Top National Hospital for orthopedics” in Germany 2019 from the Focus magazine



Medical Excellence

Orthopedics

Prof. Dr. med. Thorsten Gehrke

Chief Physician at Helios ENDO-Klinik Hamburg

- Several years of experiences in the area hip and knee endoprostheses and further orthopedics fields
- Medical Director of the joint surgery unit
- Active role as a teacher in the field of sport medicine

Specialist fields (in extracts):

- Aseptic and septic revision surgery of hip and knee endoprostheses
- Primary hip and knee endoprostheses implantation
- Sports Medicine



Milestones Biography:

- Since 2005: Medical Director and Chief Orthopaedist/Surgeon at the ENDO Clinic
- 2005: Chief Orthopaedist, Regio Clinics, Wedel
- 2002-2005: Leading Senior Orthopaedist at the ENDO Clinic, Hamburg (Dr. v. Foerster)
- 1999-2002: Senior Orthopaedist at the ENDO Clinic, Hamburg (Dr. v. Foerster)
- Teaching Activities: Since 2010 Part-time Lecturer in the speciality of sports medicine at the Hamburg Medical School (MSH)

Stefan Luck

Chief Physician at Helios ENDO-Klinik Hamburg

- Several years of experiences in the area of joint surgery

Specialist fields (in extracts):

- Endoprosthetic treatment of hip and knee joints
- Partial replacements
- Joint replacement
- Replacement operations with extended reconstruction measures
- Diagnosis and therapy of periprosthetic infections



Milestones Biography:

- Since 2011: Chief Physician and Head of Septic Center
- 2008-2011: Senior Physician
- 2007-2008: Chief Physician
- 2006-2007: Specialist

Medical Excellence

Orthopedics

Dr. med. Peter Stangenberg

Senior Physician in joint surgery at the Helios ENDO-Klinik Hamburg

- Several years of experiences in the area of joint surgery
- Specialist in Orthopedics and Trauma Surgery
- Hygiene officer and lecturer at Helios ENDO clinic

Specialist fields (in extracts):

- Trauma surgery
- Joint Surgery

Milestones Biography:

- Since 2017: Senior physician in joint surgery at the Helios ENDO-clinic Hamburg
- Since 2012: Specialist in orthopaedics and trauma surgery
- 2015-2016: Chief resident
- 2012-2015: Medical specialist
- 2006-2012: Training as a specialist for orthopaedics and trauma surgery
- 1998-2005 Study of human medicine at the Charité Berlin and at the Christian-Albrechts-Universität Kiel
- Lecturer in the Helios ENDO-clinic as teaching hospital of the University Hospital Eppendorf (UKE)



Dr. med. Michael Hook

senior physician at Helios ENDO Clinic Hamburg

- Several years of experiences in the area of joint surgery

Specialist fields (in extracts):

- Joint Surgery
- Trauma Sugery
- Orthopedics

Milestones Biography:

- Since 2017: Senior Physician in the Department of Joint Surgery Helios ENDO-clinic Hamburg
- Since 2015: Chief Physician in the Department of Joint Surgery Helios ENDO-clinic Hamburg
- 2013: Specialist in Orthopaedics and Trauma Surgery
- 2013-2015: Assistant doctor/specialist in the Department of Joint Surgery Helios ENDO-clinicHamburg
- 2011-2013: Assistant physician at the Clinic for Trauma, Hand and Reconstructive Surgery of the University Hospital Hamburg-Eppendorf
- 2009 – 2011: Assistant physician in the Department of Joint Surgery Helios ENDO-clinic Hamburg



Helios Clinics

Helios Heart Surgery Karlsruhe

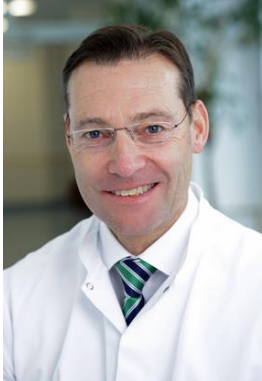


- The Helios Heart Surgery clinic was opened in 1995 and became part of the Helios Network since 2014.
- With **89 beds (including 24 ICU and 16 IMC beds)**, the Helios Heart Surgery is one of the largest dedicated cardiac surgery facilities in southern Germany.
- Full range of cardiac procedures for adults with the exception of transplant surgery, performing approximately **2,500 operations each year**.
- Areas of particular expertise include **minimally invasive procedures** (minimally invasive aortic valve implantation (TAVI) and minimally invasive mitral valve reconstruction) as well as **complete arterial revascularization, aortic valve reconstruction surgery** and **LVAD implantation** as a destination therapy.



Medical Excellence

Cardiology Prof. Dr. med. Dr. h.c. Uwe Mehlhorn



Specialization (in extracts) :

- Minimal-invasive aortic valve repair/replacement (partial sternotomy)
- Endoscopic Minimal-invasive mitral valve repair/replacement (right lateral mini-thoracotomy)
- Transfemoral and transapical transcatheter aortic valve implantation (TF-TAVI; TA-TAVI)
- Total arterial myocardial revascularization with bilateral mammary artery (CABG, OPCAB, MIDCAB)

Milestones Biography (in extracts):

- 1991-1992 postgraduate and research associate, Dept. Cardiothoracic Surgery University of Cologne (E.R. de Vivie, MD, PhD)
- 1993-1995 Fellowship of the German Scientific and Research Association at the University of Texas – Houston Medical School (S.J. Allen, MD, PhD)
- 1996-1998 Resident at the Dept. of Cardiothoracic Surgery at the University of Cologne (E.R. de Vivie, MD, PhD)
- 1999 Vice-Chair of the Dept. Cardiothoracic Surgery of Cologne University
- 2001 University Professor (C3) for Cardiac Surgery, Dept. Cardiothoracic Surgery, University of Cologne

Inventions/Patents

- 2004 “Device and methods of liquids control in extracorporeal devices for assisted circulation” (German patent service CE02A31/P-DE)

Expert activities (in extracts):

International Society of Minimally Invasive Cardio-Thoracic Surgery (ISMICS)

Honorary member of the Russian Surgical Society

European Association for Cardio-Thoracic Surgery (EACTS)

EuropGerman society of Thoracic, Cardiac and Cascular surgery (GSTCVS)

German Society for Quality (GSQ)

German-Greek Academy of Biological and Medical Research

Medical Excellence

Intensive medicine and anesthesiology

PD Dr. med. habil. Chirojit Mukherjee



Specialization (in extracts) :

- Fast track cardio anesthesia with early extubation, usually within an hour post-surgery
- Intraoperative Real Time 3Dimensional Trans esophageal echocardiography including post processing using high end imaging tools
- Early mobilization and reduced length of stay in the hospital owing to fast-track anesthesia
- Post-operative pain therapy including PCA(Patient controlled analgesia) Pumps
- State of the art intraoperative cardiovascular and neuro- monitoring

Milestones Biography (in extracts):

- 1998-2001MD Doctorate in anaesthesia and intensive care in Rajiv Gandhi University of Health Sciences, Bangalore, India
- 2001-2003 Post-doctoral certification for cardio- and neuroanaesthesia and intensive therapy , Nizam's Institute of medical sciences, Hyderabad, India
- 2004-2005 Specialist physician at Park Hospital and Heartcenter Leipzig
- 2005-2007 Fellowship in Cardiovascular Anesthesia and Solid Organ Transplantation at Toronto General Hospital, University of Toronto, University Health Network, Toronto, Canada.
- 2009-2014 Senior consultant and Fellowship Program Director at Heart-center Leipzig, University of Leipzig, Germany
- 2013 Medical specialist for anaesthesiology, Leipzig University, Saxon land medical association
- 2015 Attained PhD /Habilitation from University of Leipzig

Expert activities (in extracts):

- Secretary General: European Association of Cardiovascular Imaging (EACVI)
- German Society for Anaesthesiology and Intensive Care Medicine (DGAI)
- American Society of Echocardiography (ASE)

Helios Hospitals

Helios Hospital Erfurt



- Helios Hospital Erfurt offers more than **30 specialist departments**, centres, institutes and other departments work together hand in hand under one roof, among them **Radiosurgery and high-precision radiation therapy**.
- Being a tertiary care hospital in Central Thuringia and Academic Teaching Hospital of University Hospital Jena, the hospital offers you medical care of the highest level.
- More The Helios Hospital Erfurt cooperates with the center "**Cyberknife Center of Middle Germany**" and it is situated on the site of the clinic "Helios Clinic Erfurt" since autumn 2012.
- The interdisciplinary approach of our highly skilled and experienced medical/nursing teams guarantees the best possible care for you.



Medical Excellence

Neurosurgery Prof. Dr. med. Rüdiger Gerlach



Chief Physician at Helios Hospital Erfurt

Specialization (in extracts) :

- Paediatric neurosurgery
- Vascular neurosurgery
- Skull base surgery (cerebellopontine angle, tumours)
- Endoscopic skull base surgery (hypophyseal adenomas)
- Brain tumours and brain metastases
- Degenerative spinal diseases and tumours of the spinal column and the spinal cord (slipped disc, spinal stenosis)
- Craniocerebral trauma, spinal cord injury
- Syringomyelia, hydromyelia, Arnold-Chiari malformation

Milestones Biography (in extracts):

- 1997 - 1998 Internship, Department of Neurosurgery, University of Leipzig Prof. Dr. V. Seifert
- 1998 Residency, Department of Neurosurgery, University of Leipzig
- 2003 Award Neuroscientific Society, Frankfurt/ Main
- 2006 Clinical Fellowship, Duke University North Carolina
- 2008 – 2013 Head of the Department of vascular, functional and pediatric Neurosurgery, Neurosurgical Clinics, Helios Klinikum Erfurt
- 2009 Appointment as a Professor of Neurosurgery, Medical Faculty Goethe University Frankfurt/ Main
- 2013 Co-Chairmen, Department of Neurosurgery, Helios Klinikum Erfurt

Expert activities (in extracts):

- General Secretary, German Speaking Skull Base Society
- German Association of Neurosurgery
- German Association of Endocrinology
- International Society of Pituitary Surgeons

Medical Excellence

Thorax surgery Dr. med. Jörg Kluge



Chief physician for the Clinic for thoracic surgery and thoracic endoscopy

Specialization (in extracts) :

- Minimally invasive (video-assisted thoracoscopy) thoracic surgery (VATS)
- Video-assisted thoracoscopic lung resection (VATS lobectomy)
- Thoracoscopic thymectomy (removal of residual thymus) for Myasthenia gravis

Milestones Biography (in extracts):

- 1984 to 1990 Medicine studies at the Humboldt University Berlin and the Medical Academy Dresden
- 1990 to 1996 training as a specialist for surgery at the Carl-Thiem-Klinikum Cottbus
- Surgical Hospital, Trauma Surgery Clinic (Dr.med.K.Welz)
- 1996 Recognition as specialist for surgery
- 2001 Senior physician at the surgical clinic of CTK Cottbus (Prof. Dr. I. Gastinger)
- 2006 to 2011 Head of the Department of Thoracic and Endocrine Surgery at the Surgical Clinic at CTK Cottbus
- April 2010 Hospitation at Harvard Medical School Department of Surgery, Brigham and Womens Hospital, Division of Thoracic Surgery, Boston
- Hospitation at Cedars Sinai Medical Center, Department of Thoracic Surgery, Los Angeles
- since 2011 Chief Physician at the Clinic for Thoracic Surgery and Thoracic Endoscopy
- Helios Hospital Erfurt
- Since 2015 Board Member, German Society of Thoracic Surgery

Expert activities (in extracts):

German Society of Thoracic Surgery

German Society of Surgery

German Society of Pneumology

Central German Society of Pneumology and Thoracic Surgery

Professional Association of German Surgeons

Helios Hospitals

Helios Hospital Schwerin



- The Helios Hospital Schwerin is a tertiary care institution and teaching hospital of the University of Rostock.
- The Hospital consists of the Somatic Clinic with around **1,200 beds** and the **Carl Friedrich Flemming Clinic** CFFK (historical building ensemble) with 320 beds.
- Special emphasis is put on a closely interconnected **interdisciplinary cooperation** between medical departments thus ensuring that all patients receive the best treatment possible.
- Guided by its mission to provide state-of-the-art medicine, the **34 medical departments** take care of **55.000 patients** per year, among them: **pediatric medicine, pediatric oncology, pediatric hematology and and Stem Cell Transplantation.**

Medical Excellence

Hematology

Priv.-Doz. Dr. med. Andreas Günther



Chief Physician Hematology, Oncology and Stem Cell Transplantation

Milestones Biography (in extracts):

- 1986-1993 Study of human medicine, University of Cologne
- 1992-1993 Practical year, Cologne, Mexico City
- 1994 PhD, Institute of Pathology, University of Cologne
- 1995-1995 Assistant physician/scientific assistant at the Institute for Clinical and Molecular Virology, Friedrich-Alexander-University Erlangen-Nuremberg
- 2002 Specialist for internal medicine
- 2004-2006 Assistant physician in the section for stem cell and immune therapy, II Medical Clinic, UKSH/CAU Kiel
- 2006 Sub-area recognition haematology internal oncology
- 2006 Senior Physician in the Section for Stem Cell and Immunotherapy, II Medical Clinic, UKSH/CAU Kiel
- 2006-2014 Head of the outpatient clinic
- Since 2014 Head of the transplantation station

Expert activities (in extracts):

American Society of Hematology (ASH)
American Society of Clinical Oncology (ASCO)
European Hematology Association (EHA)
European Bone Marrow Transplantation Group (EBMT)
European Myeloma Network Trialist Group (EMNTG)
German Multiple Myeloma Study Group (DSMM)
German Society for Hematology and Oncology (DGHO)
Society for Virology (GfV)

Medical Excellence

ENT

Prof. Dr. Med. Martin Christoph Jäckel



Chief Physician ENT

Specialization (in extracts) :

- Routine ENT operations
- Microsurgery of the ear
- Microscopic/endoscopic paranasal sinus surgery
- Surgery for salivary glands
- Therapy of diverticula (with laser and from outside)
- Surgery for midfacial and skull base fracture
- Laser tonsillotomy for children
- Surgery for snoring and sleep apnea (uvuloplasty, laser)
- Treatment of sudden hearing loss, tinnitus, acute vertigo, and Menière`s disease
- Surgery of laryngeal and tracheal stenosis

Milestones Biography (in extracts):

1983-1989 Study of Medicine at the Free University of Berlin

1992 Scientific award of the German Society of Otorhinolaryngology, Head and Neck Surgery

1994 Hospitation at the Division of Head and Neck Surgery, UCLA School of Medicine, Los Angeles, USA

1994-2000 Fellow at the ENT Department of the Georg-August-University of Göttingen, Germany

1996 Consultant Surgeon of the ENT Department Göttingen; Hospitation at the Division of Otolaryngology - Head and Neck Surgery of the University of Utah Health Sciences Center, Salt Lake City, USA; Hospitation at the Department of Otolaryngology, University of Minnesota, Minneapolis, USA

2001-2007 Vice Head of ENT Department, Hospital of Darmstadt, Germany

2004 Specialization, Head and Neck Surgery, Plastic and Aesthetic Surgery

2007-2008 Vice-Head of the ENT Department, University of Duisburg-Essen, Germany

Since 2008 Head of the ENT Department of the Helios Hospital Schwerin, Germany

Medical Excellence

Gynecology

Dr. med. Stephan Henschen



Chief Physician Gynecology

Specialization (in extracts) :

- Prenatal medicine
- Perinatal medicine
- Obstetrics
- Minimally invasive surgery (laparoscopy)
- Mamma surgery (breast reduction surgery, breast enlargement)
- Treatment of breast cancer
- Treatment of other forms of cancer (endometrium, ovarian, cervix)
- Pelvic floor surgery (urinary incontinence etc.)

Milestones Biography (in extracts):

- 1983-1984 Military
- 1984-1985 Study of Construction Hannover
- 1985-1991 Study of Medicine Hannover
- 1991-1993 Doctor in practice in Hameln
- 1993-2000 Doctor at University Hospital in Hamburg
- 2000-2011 Director of the Clinic for Gynecology and obstetrics in the Johanniter Hospital in Stendal
- Since 2011 Director of the Clinic for Gynecology and obstetrics in the Helios Hospital Schwerin

Qualifications

- Degum certificate: Stage II
- FMF certificate: Certificate for first trimester screening
- Specialisation: Oncological Gynecology, Prenatal and perinatal medicine, Sentinel-Node-Biopsy in treating mamma carcinoma
- Certification: Oncological diagnostics and therapy in gynecology

Medical Excellence

Oncology



Prof. Dr. med. Oliver Heese

**Chief Physician Clinic for Neurosurgery and Spine Surgery.
Head of the Oncological Center**

Specialization (in extracts) :

- Neuro-oncology
- Awake brain surgeries
- Trigeminal neuralgia
- Epilepsy surgery
- Spinal tumours
- Vascular neurosurgery

Milestones Biography (in extracts):

- 1997-1999 Pre-Registration House Officer, Department of Neurosurgery, Medical University of Lübeck
- 1999 Research residency, Brain Tumor Research Center, Department of Neurosurgery, Brigham and Women's Hospital, Harvard Medical School, Boston, USA
- 1999 Doctorate, Medical University of Lübeck
- 2004 Board certification in neurosurgery
- 2007 Appointment as Consultant
- 2008 Post-doctoral thesis and authorization to teach at universities
- 2007-2009 MBA program in health economics, University of Hamburg
- 2011 Head of the Department of Neurosurgery and Spine Surgery, Helios Hospital Schwerin

Membership in Medical Profession Associations

- German Association for Neurosurgery (DGNC), since 2002
- German Cancer Association, Neurooncological working group (DKG-NOA), since 2004
- Cancer Association Hamburg (HKG), since 2004
- German Association for subcranial surgery (DGSC), since 2008
- Society for Neuro-Oncology (SNO), since 2010

Medical Excellence

Pediatrics

PD Dr. med. Claudius Werner

Chief physician pediatric and adolescent medicine

Specialist fields (in extracts):

- Pediatrics
- Neonatology

Milestones Biography:

- 1998 Completion of studies of human medicine at the Ruprecht-Karls-University, Heidelberg, Germany
- 1998 PhD He received his doctorate in the same year.
- Until 2005 Specialist training in paediatrics and adolescent medicine
- Senior physician at the University Hospital of Münster, Germany. Responsible for neonatology, paediatric pneumology and the outpatient clinic for patients with complex illnesses and patients requiring home respiration.
- Since 2019 Chief physician pediatric and adolescent medicine Helios Hospital Schwerin



Ophthalmology

Dr. med. Ruth Kölb-Keerl

Specialist fields (in extracts):

- Diagnosis of tumors of all eye segments
- Complete shield diagnostics
- Neuroophthalmological diagnostics
- Pediatric ophthalmology
- Surgery of the straight and oblique eye muscles
- Fluorescence angiography of the retina and iris
- Ultrasound examinations of the eyeball
- Electrophysiology
- Eyelid surgery (correction of positioning errors)