



Sana Hospital Group: world-class healthcare

Sana Hospital Group is the largest privately owned hospital group in Germany. 56 world-class hospitals operate under the Sana umbrella, with more than 1.8 million patients yearly, 35,900 employees and annual sales of 2.9 billion euros.

Sana is owned by the 25 leading German private health insurance companies, including Allianz insurance Group, DKV and Signal iduna.

Sana Hospital Group operates leading facilities, among them university hospitals, tertiary care centers, and specialized hospitals to deliver a broad portfolio of top-tier medical care. In addition to our core business in acute medicine, the group owns other specialized facilities such as rehab centers,

nursing homes and outpatient centers. Sana also is known for its operational services for more than 500 German hospitals, such as central supply, sterilization, catering, management and education. Sana works closely with authorities, investors, hospitals and high-end specialized physicians.

Sana as a Long-term Partner

As an experienced owner and operator of hospitals, Sana also acts as a long-term partner for government authorities and other clients. Sana is the source for knowledge transfer and development of medical services. Our professors, experts and sites take part in visiting professor programs, on- and offsite educational programs, and in more complex hospital projects. Sana is well known as an efficient manager of secondary hospital services like supply of medical products or medications. Sana hospitals provide emergency medical services for strategic partners abroad as well.

Additionally, our owners, operating worldwide as insurers, are on standby to answer questions about insurance systems, health office administration or claims management. Sana Hospital Group works for embassies and ministries in particular from Eastern Europe, the Middle East, Asia and North Africa, as well as for global insurance companies.



Highest Quality Medical Solutions

Sana Hospital Group is committed to delivering specialized medical care to patients and their relatives from all over the world. Sana accomplishes this with world-class medical care, high-volume Centers of Excellence, and efficiently led interdisciplinary departments with a total of more than 11,000 beds.

The Sana portfolio ranges from relatively simple issues such as heartburn or headaches, to highly complex problems like the treatment of esophageal carcinomas or endovascular coiling. In the process, we integrate outpatient services, acute medicine, and rehabilitation services into a continuity of quality care. At the core of Sana's strategy is a growing, experienced, world-class university educated staff, currently including some 5,000 doctors and 11,000 care personnel.

The Sana Group has some of the newest campus facilities available (among others in Offenbach, Munich, Dusseldorf); highly innovative medical technology (among others Linacs and daVinci robots); integration strategies (radiology network, rehab sites, prosthetics and assistive technology); and future-oriented investments. Overall, many Sana departments and personnel are not only highly reputable nationally and internationally, but also highly distinguished and certified, and as such can be counted among the leading providers in Germany and Europe.

Sana and its outstanding value-added chain, diversity, and highest medical quality is available to a wide international clientele. Among the more than 50 hospitals of the Sana Hospital Group, the following flagship hospitals stand out with their top-tier medical services (a selection):

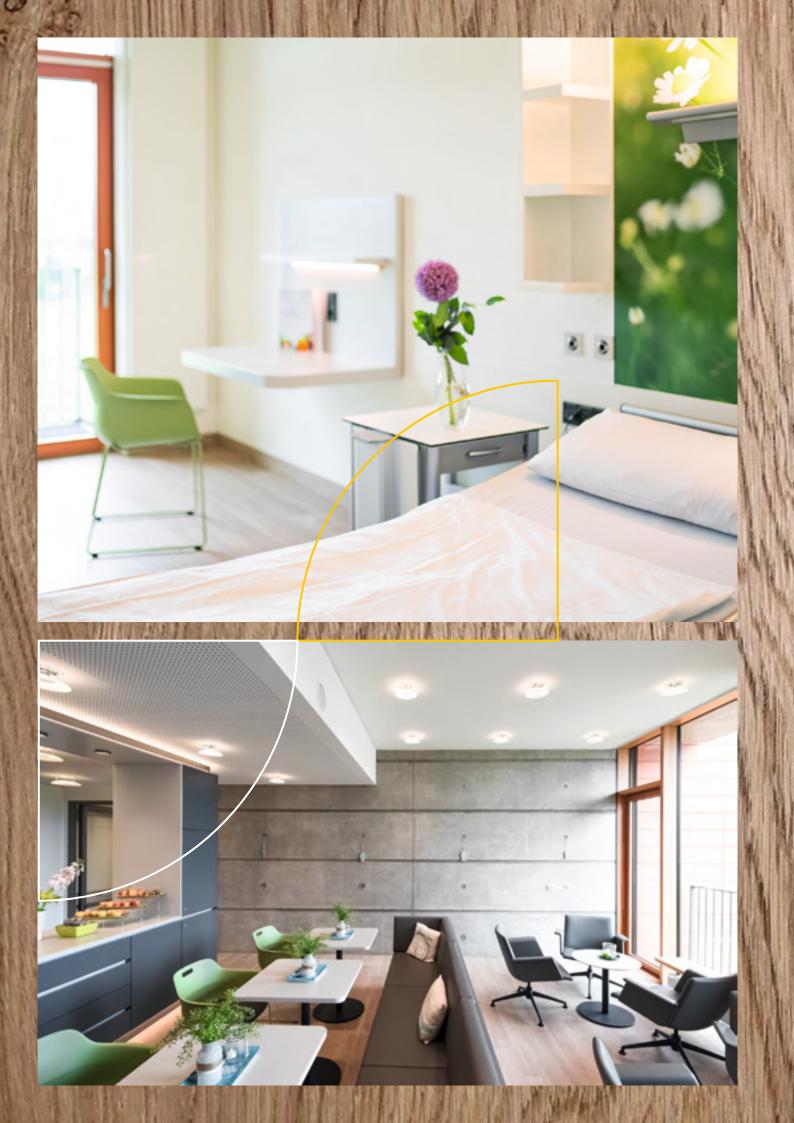
Selection of hospitals

- Sana Heart Center Cottbus
- Dresden Heart Center University Hospital
- Sana Hospitals Dusseldorf
- Sana Hospitals Duisburg
- Sana Dreifaltigkeits-Hospital Cologne
- Sana Hospitals Leipzig
- Sana Hospital Lichtenberg (Berlin)
- Sana Hospitals Lübeck
- Sana Hospital Offenbach
- Sana Hospital Munich
- Rummelsberg Hospital (Nuremberg)
- Sana Hospitals Sommerfeld (Berlin)
- Sana Cardiac Surgery Hospital Stuttgart

Selection of medical areas

Adolescent medicine Neurology Aesthetic surgery Neuroradiology **Breast Medicine** Obesity surgery Cardiology Obstetrics Check up Oncology Ear, nose, throat (ENT) Oral surgery Endovascular therapy Orthopedics **Epileptology** Palliative care Gastroenterology **Pediatrics** General surgery Plastic surgery Gynecology Prevention Hematology Preventive medicine Heart surgery Pulmonology Infectious diseases Radio therapy Interventional radiology Radiology Lung medicine Rheumatology Spine surgery Lung surgery Manual medicine Thoracic Maxillofacial surgery Traumatology Nephrology Urology Neuro early rehab, phase B Vascular surgery Neuro surgery Visceral surgery





Experienced International Services

Sana International ensures that we can assist clients with customized healthcare solutions. The Sana International Office is the centralized administrative service for patients and based in Berlin. International patients or relatives from around the world are supported by our highly trained Case Managers.

The Sana International Office assists international patients with arranging medical appointments and hospital admission in all our hospitals and medical centers and supports them with accommodation and local travel arrangements, visa application and other services.

Due to this patient-oriented approach, our Case Managers can guarantee:

- Rapid access to more than 150 top medical specialists
- Selection of the most appropriate specialist
- Delivery of treatment proposals and cost estimates within 48 hours

In addition, every one of our internationally active hospitals offers special services tailored to our international clientele, such as:

- Culturally experienced staff acting as the first point of contact
- Bed units with special comforts and services
- Multilingual Patient Assistants at every hospital site
- Culturally adapted meal plans (Halal, Kosher, etc.)
- International media (TV, WLAN)
- Credit cards accepted
- Transparent cost statements for medical procedures
- Continuity of services: outpatient and rehab services available or integrated
- Transport to/from international airports

We work with all major international insurance plans and continuously develop new relationships in the market to ensure global access to our hospitals for patients, wherever they are in the world.

For general information or direct treatment inquiries con	tact
Sana International Office	
T: +49 30 6290110 - 232	
F: +49 30 6290110-199	
international@sana.de	
www.sana.de	
	· /

EXPERT - SPECIALITY LIST

MEDICAL SPECIALITY	HOSPITAL	HEAD OF DEPARTMENT	SPECIALITY AMONG OTHERS	PAGE	
Breast medicine	Sana Hospital Lichtenberg (Berlin)	Dr. Jutta Krocker	Breast operations Mammary carcinomas	14	
	Sana Hospital Offenbach	Prof. Dr. med. Christian Jackisch	Surgical therapy of mammary carcinoma Surgical therapy of female genital carcinoma Surgical therapy of benign genital and breast tumors Minimally invasive surgery Profile of the Department of Gynecology and Gynecologic Oncology Molecular Tumor Board & Interdisciplinary Tumor Boards Minimally invasive laparoscopic therapies and robotic surgery Reconstruction surgery in cooperation with the Department of Plastic Surgery Intraoperative radiation and brachytherapy in breast and gynecologic cancer International Trial Center for clinical trials Phase III-V Uro-gynecology (surgical and conservative therapy) Profile of the Department of Obstetrics and Prenatal Care Perinatal Center Level I (approx. 1,500 newborn per year)	28	AN UNITED TO SERVICE STATES
			High level prenatal ultrasound and counseling (DEGUM II) Prenatal monitoring and invasive procedures		YM.
Cardiology	Dresden Heart Center University Hospital	Prof. Dr. med. habil. Axel Linke	Mitralclip TAVI PCI Cardioband	15	1.80.07
	Sana Hospitals Lübeck	Prof. Dr. med. Joachim Weil	Simple coronary interventions Complex coronary interventions (rotablation, bifurcation stenting) CTO (recanalization of chronic coronary artery blockages) Coronary interventions with heart support system (IMPELLA) during high risk operations Renal denervation Pulmonary vein isolation in case of atrial fibrillation VT/VES ablations Complex atrial rhythm irregularities (atypical atrial fibrillation, left-/ biatrial tachycardia) Atrial occluder	16	D W I W
	Sana Hospital Offenbach	Prof. Dr. med. Timm Bauer	 Percutaneous Coronary Intervention (PCI) Ablation LAA Occluder PFO-LAA Occluder 	17	
Ear nose throat/ENT	Sana Hospitals Leipzig	Prof. Dr. med. Thomas Wilhelm	 Paranasal sinus interventions, mastoid, complex middle ear interventions, etc. Tonsillectomy, except for malignant neoplasm Equilibrium disorders, hearing loss and tinnitus Nose/throat bleeds or otitis media etc. Complex skin surgery and major head and throat intervention Malignant neoplasms on ear, nose, mouth and throat 	18	
Endovascular therapy	Sana Hospitals Dusseldorf	Prof. Ralf Kolvenbach M.D., Ph.D., FEBVS	Treatment of aortic diseases primarily using stent-grafts, including ascending and thoracoabdominal aortic aneurysms Treatment of carotid disease and cerebral ischemia Treatment of Peripheral Ischemia	72	
Epileptology	Rummelsberg Hospital (Nuremberg)	Dr. med. Frank Kerling	Conservative epileptology Socio-medical epilepsy aspects People with mental or multiple disabilities	19	
Gastroenterology	Sana Hospital Lichtenberg (Berlin)	Prof. Dr. Siegbert Faiss	 Diagnostic and interventional endoscopic GI-tract procedures Endoscopic therapy of early carcinomas Colon polypectomies Therapy of GI-tract malignancies 	20	
	Sana Hospital Offenbach	PD Dr. med. Edris Wedi	Interventional Endoscopy Gastrointestinal Oncology General Gastroenterology Internal Medicine	21	

MEDICAL SPECIALITY	HOSPITAL	HEAD OF DEPARTMENT	SPECIALITY AMONG OTHERS	PAGE
General and Visceral surgery	Sana Hospitals Leipzig	PD Dr. med. Kay Kohlhaw	Certain interventions on small and large intestines, with severe CC Vascular surgery of medium complexity Laparoscopic cholecystectomy Reconstructive vascular surgery or thoracic-abdominal anyeurism with complex aortal surgery Primary visceral oncology/colon, rectum, stomach, pancreas, liver, gallbladder, Other lung resections, thoracic organ biopsies and surgery on the thoracic wall, pleura and mediastinum Complex or certain interventions on the small and large intestines with a complicating diagnosis Interventions on thyroid and parathyroid glands and ductus thyreoglosus Complex vascular surgery: aortal/carotid stenosis	22
	Sana Hospital Lichtenberg (Berlin)	Prof. Dr. Michael Heise, MBA	 Pancreatic resections Esophageal resections Partial hepatectomy Colonic and rectal resections 	23
*	Sana Hospital Offenbach	Dr. med. Michael Pauthner	 Esophageal resections Gastric resections Colorectal interventions Pancreas operations HIPEC 	24
Gynecology and Obstetrics	Sana Hospitals Duisburg	Prof. Dr. med. Markus Schmidt	 Prenatal diagnostics Care of high-risk pregnancies Care of high-risk births Implementation of Cerclagen/cervical stenosis Care of women with pre-eclampsia/growth retardation Care of women at risk for premature birth 	25
	Sana Hospitals Leipzig	Dr. med. Jens Einenkel	Hysterectomy other than malignant growth Complex reconstructive interventions on female reproductive organs Pelvic visceration in females and complex vulvectomy or certain lymphademectomy Vaginal delivery or thromboembolism during the gestational period (without OR procedure) Caesarian section or thromboembolism during the gestational period (with OR procedure)	26
	Sana Hospital Lichtenberg (Berlin)	Dr. Jens-Peter Scharf	 Gynecological inpatient operations, including 100 gyn. operations and 200 urogynecological operations Outpatient gynecological cases Outpatient gynecological operations Outpatient obstetric cases (incl. deliveries) 	27
	Sana Hospital Offenbach	Prof. Dr. med. Christian Jackisch	Surgical therapy of mammary carcinoma Surgical therapy of female genital carcinoma Surgical therapy of benign genital and breast tumors Minimally invasive surgery Profile of the Department of Gynecology and Gynecologic Oncology Molecular Tumor Board & Interdisciplinary Tumor Boards Minimally invasive laparoscopic therapies and robotic surgery Reconstruction surgery in cooperation with the Department of Plastic Surgery Intraoperative radiation and brachytherapy in breast and gynecologic cancer International Trial Center for clinical trials Phase III-V Uro-gynecology (surgical and conservative therapy) Profile of the Department of Obstetrics and Prenatal Care Perinatal Center Level I (approx. 1,500 newborn per year) High level prenatal ultrasound and counseling (DEGUM II) Prenatal monitoring and invasive procedures	28
Heart surgery	Dresden Heart Center University Hospital	UnivProf. Dr. med. Klaus Matschke	Coronary bypass surgeryHeart valve interventionsAortal interventions	29

EXPERT - SPECIALITY LIST

MEDICAL SPECIALITY	HOSPITAL	HEAD OF DEPARTMENT	SPECIALITY AMONG OTHERS	PAGE
Infectious diseases	Sana Hospital Lichtenberg (Berlin)	Prof. Dr. Siegbert Faiss	Diagnostic and interventional endoscopic GI-tract procedures Endoscopic therapy of early carcinomas Colon polypectomies Therapy of GI-tract malignancies	20
	Sana Hospital Offenbach	PD Dr. med. Edris Wedi	Interventional Endoscopy Gastrointestinal Oncology General Gastroenterology Internal Medicine	21
Interventional Radiology/ Neuroradiology	Sana Hospitals Leipzig	Dr. med. Torsten Hantel	Magnetic Resonance Imaging (MRI) Computed Tomography (CT) Angiography X-ray Mammography Neuroradiology	30
	Sana Hospital Offenbach	Prof. Dr. med. MBA Norbert Rilinger	Rechanneling interventions (PTA, stent) for arterial occlusive disease Rechanneling operations for acute stroke CT-steered vertebroplasties for spinal fractures CT-steered spinal pain therapies Embolizations of cerebral artery aneurysms Endovascular treatments (shutoff) of aortal aneurysms	31
Lung medicine/ Pulmonology	Sana Hospitals Dusseldorf	Dr. med. Karl-Matthias Deppermann	COPDBronchial carcinomaPneumoniaWeaning	32
	Sana Hospital Offenbach	Dr. med. André Althoff, MBA	Invasive BronchoscopyThoracic OncologyCOPD and PneumoniaInterstitial Lung Diseases	33
Manual medicine	Sana Hospitals Sommerfeld (Berlin)	Dr. Jan Emmerich	 PRM (polymyalgia rhematica) Internal Medicine, SP Rheumatology Special Pain Therapy Manual Medicine, incl. Osteopathic procedures 	34
Nephrology	Sana Hospital Offenbach	Prof. Dr. med. Kirsten de Groot	Acute kidney failure Inflammatory systemic illnesses with kidney involvement Arterial hypertension, diabetic nephropathy	35
Neuro surgery	Sana Hospitals Duisburg	Prof. Dr. med. Martin Scholz	 Brain tumors Basal Skull Surgery, Adults and Children Spinal Microsurgery Vascular Microsurgery Spinal Column Diseases 	36
	Sana Hospital Offenbach	Dr. med. Elke Januschek	Pediatric Neurosurgery (Certificate European Postgraduate Course in Pediatric Neurosurgery) Spinal Surgery (Master-Certificate of the German Spine Society) Vascular Neurosurgery (Aneurysm, Angioma, Moya moya, Jannetta procedures (Trigeminal neuralgia) Brain tumor surgery Treatment of Hydrocephalus Neurosurgical Intensive Care	37
Neurology / Neuro early rehab, phase B	Sana Hospitals Duisburg	Prof. Dr. med. Wilhelm Nacimiento	 Stroke Multiple Sclerosis Neurodegenerative Disorders Epilepsy Palliative Neurology 	38
Neurology	Sana Hospital Offenbach	Dr. med. Karl-Heinz Henn	 Vascular Diseases of the Nervous System Multiple Sclerosis Movement Disorders	39
	Rummelsberg Hospital (Nuremberg)	PD Dr. med. habil. Martin Winterholler	Treatment of movement disorders (esp. Parkinson's disease and spasticity) Home ventilation and neurological sleep medicine Neuromuscular diseases Epileptology in persons with multiple handicaps Neurological acute medicine and infectiology Clinical neurophysiology	40

MEDICAL SPECIALITY	HOSPITAL	HEAD OF DEPARTMENT	SPECIALITY AMONG OTHERS	PAGE
Obesity surgery	Sana Hospitals Duisburg	Dr. med. Thomas Sonnenberg	Specialist in Surgery Specialist in Visceral Surgery Special Visceral Surgery Nutritionist DGEM/DAEM Proctology	41
Oncology and Hematology	Sana Hospitals Duisburg	Dr. med. Jan Sebastian Balleisen	 Lung cancer Cancer of the colon Cancer of the stomach Leukaemias Bone marrow cancer 	42
Oral and maxillofacial surgery	Sana Hospital Offenbach	Prof. Dr. med. Dr. med. dent. Dr. habil. Constantin Landes	Mandibular Joint surgery: no. 1 in Germany Malformation Surgery Cleft palate/lip/jaw Syndromes and jaw malpositions (dysgnathia) Reconstructive tumor surgery	43
Orthopedics	Sana Dreifaltigkeits- Hospital Cologne	Dr. med. Stefan A. Höllriegl	Knee and hip joint endoprosthetics, special hip joint surgery, complex replacement endoprosthetics	44
	Sana Dreifaltigkeits- Hospital Cologne	Prof. Dr. med. Sven Shafizadeh	Anterior cruciate ligament surgery Posterior cruciate ligament surgery MPFL Replacement Surgery Complex interventions on the femoral/trochlear groove including trochlear plastics Correctional osteotomy Meniscus surgery	45
	Rummelsberg Hospital (Nuremberg)	Prof. Dr. Dr. med. Wolf Robert Drescher, B.Sc.	 Minimally-invasive hip endoprothetics Knee endoprosthetics with navigation Joint preserving operations under femoral head narcosis Knee repositioning operations Hip repositioning operations 	46
	Rummelsberg Hospital (Nuremberg)	Dr. med. Erwin Lenz	 Endoprosthetic replacement Special endoprosthetics Septic endoprosthetics Special 3D printer prosthetics Revision surgeries 	47
	Rummelsberg Hospital (Nuremberg)	Prof. Dr. med. Dr. med. habil. Oec. med. Martinus Richter	 Hallux Valgus Flat feet Achilles heel Endoprosthetics Ankle 	48
	Rummelsberg Hospital (Nuremberg)	Prof. Dr. med. habil Richard Stangl	Treatment of fractures Shoulder surgery Endoprosthetics Sports injuries Cartilage-, meniscus-, and cruciate ligament replacement Cruciate ligament treatment (Ligamys)	49
	Rummelsberg Hospital (Nuremberg)	Dr. med. Michael Wachowsky	 Hip dysplasia and hip dislocation in children Clubfoot, pes planovalgus, and other foot deformities Hip joint diseases e.g. Morbus Perthes and epiphyseal separation Muscle shortening, foot- and hand deformities Cerebral pareses, muscle diseases, arthrogryposis 	50
	Sana Hospitals Sommerfeld (Berlin)	Prof. Dr. med. Andreas M. Halder	 Primary knee replacement Primary hip replacement Revision knee, hip and shoulder replacement Athroscopic shoulder and knee surgery Primary shoulder replacement 	51
Palliative care	Sana Hospital Offenbach	Dr. med. M. Sc. Christiane Gog	Pain TherapyPsycho-oncologyEthics consultant	52
Pediatrics	Sana Hospitals Duisburg	Prof. Dr. med. Thorsten Rosenbaum	Neonatology Neurofibromatosis Neuropediatrics Pediatrics intensive care medicine Pediatric hematology and oncology Diabetology Pediatrics gastroenterology	53

EXPERT - SPECIALITY LIST

MEDICAL SPECIALITY	HOSPITAL	HEAD OF DEPARTMENT	SPECIALITY AMONG OTHERS	PAGE
Pediatrics	Sana Hospital Lichtenberg (Berlin)	Prof. Dr. med. Tobias Tenenbaum	 Pediatric Infectious Diseases and Pulmonology Pediatric Intensive Care Pediatric Neonatology Allergology 	54
Pediatrics/ Pediatric surgery	Sana Hospital Offenbach	Prof. (Univ. Kairo) Dr. Ahmed Hadidi	Hypospadias operations	55
Plastic and aesthetic surgery	Sana Hospitals Dusseldorf	Prof. Dr. med. Christoph Andree	Breast reconstruction with endogenous tissue, including implants Breast surgery – augmentation, reduction mammoplasty, deformities, revision surgery Facial surgery – eyelid surgery, facelifts Body surgery – lifting/firming (abdomen, arms/legs), aspiration lipectomy Hand surgery Microsurgical lymphoedema reconstruction	56
	Sana Hospital Offenbach	Prof. Dr. med. Henrik Menke	Breast operations Body-forming interventions Aesthetic facial surgeries Reconstructive plastic surgeries Burn medicine cases	57
Prevention / Check up	Sana Hospital Lichtenberg (Berlin)	Dr. med. Birgit Hildebrandt	Long-term, extensive experience in preventive medicine Integration of all specialties into a comprehensive treatment regime	58
	Sana Hospital Offenbach	Dr. Kirsten Schneider	Check-ups	59
Preventive medicine	Sana Hospitals Dusseldorf	Marina Hergenröder		60
Radio therapy	Sana Hospital Offenbach	Prof. Dr. med. Peter Niehoff	Brachytherapy prostate, breast, cervix, head and neck Breath-triggered radiation therapy Tattooless radiotherapy Stereotactic treatment of metastases	61
Radiology/ Neuroradiology	Sana Hospitals Duisburg	Dr. med. Martin Schlunz-Hendann	Endovascular cerebrovascular malformation therapy with shunt (arteriovenous malformations, dural arteriovenous fistulas, carotid-cavernous fistulas, pial arteriovenous fistulas) Pediatric endovascular cerebrovascular malformation therapy (vein of Galen malformations, dural sinus malformations, arteriovenous malformations) Endovascular cerebrovascular malformation therapy without shunt (developmental venous anomalies, sinus perioranii) Endovascular brain aneurysm therapy Mechanical thrombectomy in acute stroke patients	62
Spine surgery	Sana Dreifaltigkeits- Hospital Cologne	Dr. med. Biren Desai	Conservative therapeudic measures Spondylose/Corrective spondylose Prosthetic disc implantation Nucleotomy/decompression	63
	Sana Hospital Offenbach	Prof. Dr. med. Michael Rauschmann	Degenerative Pain (spinal canal stenosis, spondylolisthesis, herniated discs, degenerative scoliosis) Deformities (isthmic spondylolisthesis, scoliosis, kyphosis) Tumors (primary malignant tumors, benign tumors and metastases) Revision surgery Trauma	64
	Rummelsberg Hospital (Nuremberg)	PD Dr. med. Uwe Vieweg	 Revision surgery Scoliosis surgery Minimally-invasive microsurgical spinal surgery Spine fractures Paraplegic Center/Head: Dr. med. Matthias Ponfick 	65
	Sana Hospitals Sommerfeld (Berlin)	PD Dr. med. Stefan Kroppenstedt	 Cervical and lumbar spine diseases Minimally-invasive microsurgical spinal surgery Spinal deformity surgery Revision surgery 	66

MEDICAL SPECIALITY	HOSPITAL	HEAD OF DEPARTMENT	SPECIALITY AMONG OTHERS	PAGE
Thoracic/ Lung surgery	Sana Hospitals Duisburg	Prof. Dr. med. Stefan Hosch	Laparoscopic gastroesophageal reflux surgery Large bowel laparoscopic resection Minimally invasive lungs intervention Stomach resection Pancreas gland surgery Liver surgery	67
	Sana Hospital Offenbach	Prof. Dr. Peter Kleine	 Minimally invasive thoracic surgery Lung cancer surgery Operations for pleural disorders Operations on the mediastinum and diaphragm Thoracic wall operations 	68
Traumatology	Sana Hospital Offenbach	PrivDoz. Dr. med. Richard Martin Sellei	Endoprosthetics and Revision Endoprosthetics for shoulder, elbow, hip and knee Spinal injuries (trauma) to throat, breast and lumbar spine Pelvic and acetabular surgery Revision surgery of the extremities, including septic surgery (reconstructive OPs)	69
Urology	Sana Hospitals Leipzig	PD Dr. med. habil. Hoang Minh Do	Transurethral procedures other than prostate resection and complex ureterorenoscopies or other procedures on the urethra for para/tetraplegia or with ESWL for urinary stones Other diseases of the urinary organs or urethrocystoscopy Transurethral prostate resection or certain other prostate surgery Kidney, ureter and large bladder surgery for growths/neoplasm, age > 18 years, without combined surgery, without extremely severe CC Major surgery on the pelvic organs in men or certain surgery on the pelvic organs in men with extremely severe CC Sepsis Complex transurethral, percutaneous-transrenal or retroperitoneal surgery on the kidney or transurethral surgery Surgery on the testicles, urethra and prostate in case of malignant neoplasm Robot-assisted radical prostatectomy Robot-assisted partial nephrectomy Robot-assisted cystectomy Robot-assisted renal pelvis surgery	70
	Sana Hospital Offenbach	Prof. Dr. med. Michael Lein	Endourological operations Operations with laparoscopy Large tumor surgery	71
Vascular surgery	Sana Hospitals Dusseldorf	Prof. Ralf Kolvenbach M.D., Ph.D., FEBVS	Treatment of aortic diseases primarily using stent-grafts, including ascending and thoracoabdominal aortic aneurysms Treatment of carotid disease and cerebral ischemia Treatment of Peripheral Ischemia	72
	Sana Hospital Offenbach	Prof. Dr. med. Dr. med. habil. Arend Billing	 Vascular surgery and vascular intervention of arteries: aneurysm surgery, carotid surgery, bypass operations, aortal stent grafts, all vascular interventions Complete differential vascular diagnostics, angio suite, ultrasound using contrast agents 	73





BREAST MEDICINE

Dr. Jutta Krocker

HEAD OF DEPARTMENT

BREAST CENTER SANA HOSPITAL LICHTENBERG (BERLIN)





The Breast Center of the Sana Hospital Lichtenberg (Berlin) is one of the leading and highest-performing centers in the region of the German capital Berlin. It offers an integrated range of services from diagnostics and surgical therapy to chemo- and radiotherapy with affiliated providers.

CURRICULUM VITAE

since 2011	Head of Department, Breast Center,
	Sana Hospital Lichtenberg (Berlin)
2005-2011	Director and Senior Physician,
	Women's Hospital, Sana Hospital
2000-2005	Senior Physician,
	Paritätisches Krankenhaus Berlin-Lichtenberg
1994-2000	Station Physician, Senology
1985-1990	Specialist Training,
	Oskar-Ziethen Krankenhaus Berlin
1979-1985	Medical Studies, Humboldt Universität

MEDICAL FOCUS

- Breast operations
- Mammary carcinomas

MEMBERSHIPS

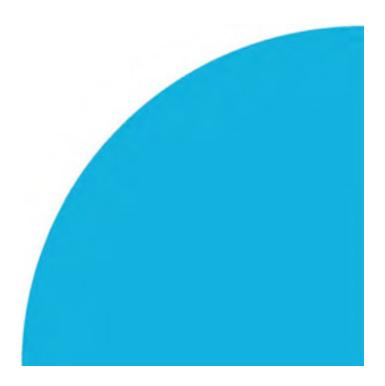
- Member, DGGG, NOGGO, AWOgyn, ASCO
- Chairwoman, Berlin Tumor Center, Mammary Project Group

CONTACT ADDRESS

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Fanningerstraße 32 10365 Berlin







CARDIOLOGY

Prof. Dr. med. habil. **Axel Linke**

MEDICAL DIRECTOR, HEAD OF DEPARTMENT

INTERNAL MEDICINE AND CARDIOLOGY DRESDEN HEART CENTER UNIVERSITY HOSPITAL

The Department for Internal Medicine and Cardiology is a maximum care facility for adult patients with cardiovascular and vascular diseases of all degrees of severity. The range of services includes all modern methods of diagnosis and therapy and all types of emergency and intensive care. Our medical services are constantly scientifically evaluated and adhere to the highest national and international standards.

CURRICULUM VITAE

since 2017	Professor of Cardiology
since 2017	Medical Director of the Dresden Heart Center,
	Director of the Department of Internal Medicine
	and Cardiology, Professorship in Cardiology
	at the Carl Gustav Carus Medical Faculty,
	Technical University Dresden
2017	Acting Director, Department of Internal Medicine
	and Cardiology, Leipzig Heart Center
2016	Director, Interdisciplinary Department for
	Structural Cardiac Diseases, Leipzig Heart Center
2013	Deputy Head of Department, Leipzig Heart Center,
	Internal Medicine and Cardiology
2009	Professor of Regenerative Cardiology,
	Leipzig University
2008	Director of the Catheter Valve Program,
	Lepzig Heart Cetner, Internal Medicine and
	Cardiology
2008	Postdoctoral Qualification and Venia legendi,
0007	Internal Medicine specialty
2007	Designated as Specialist in Cardiology
2006	Director of the Heart Catheter Lab,
	Leipzig Heart Center, Internal Medicine and Cardiology
2006	Chief Resident, Leipzig Heart Center,
2000	Internal Medicine and Cardiology
2005	Specialist in Internal Medicine
2001-2002	Stipendium, Research Residency,
2001 2002	New York Medical College, Valhalla, NY, USA
1998-2005	Assisting Physician, Leipzig Heart Center,
	Internal Medicine and Cardiology
1992-1998	Medical Studies, Leipzig University
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MEDICAL FOCUS

- Mitralclip TAVI
- PCI
- Cardioband

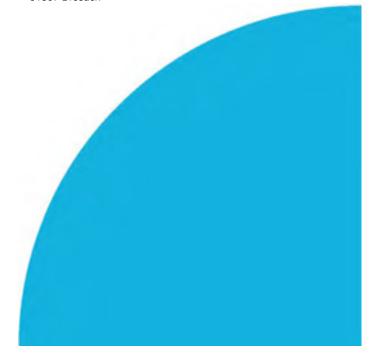
MEMBERSHIPS

- German Society of Cardiology
- European Society of Cardiology

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CARDIOLOGY

Prof. Dr. med. Joachim Weil

HEAD OF DEPARTMENT

MEDICAL DEPARTMENT II - CARDIOLOGY AND ANGIOLOGOY SANA HOSPITALS LÜBECK

The Sana Hospitals Lübeck are specialist care hospitals and the academic teaching hospital of the University of Lübeck. The Medical Department of Cardiology and Angiology is comprised of 72 beds including 5 intensive and 19 intermediate care beds. Especially noteworthy: the entire spectrum of noninvasive and invasive cardiological examination and treatment methods, including 24-hour heart catheter standby for the acute care of myocardial infarction, and a large section for invasive electrophysiology.

CURRICULUM VITAE

since 2019	Director, Heart and Vascular Center, Sana Hospitals Lübeck
since 2013	Head of Medical Department II - Cardiology
2012-2013	and Angiology, Sana Hospitals Lübeck Acting Director, Internal Medicine II,
	Cardiology, Angiology, and Intensive Medicine, Universitätsklinikum Lübeck
2006-2013	Acting Director, Internal Medicine II,
	Cardiology, Angiology, and Intensive Medicine, Universitätsklinikum Lübeck
2005	Medical Specialist for Cardiology
2004-2006	Senior Physician, Internal Medicine II,
	Cardiology, Angiology, and Intensive Medicine,
	Universitätsklinikum Lübeck
2004	Specialist in Internal Medicine
1999-2004	Assisting Physician, Medical Department II,
	Cardiology, Pneumology, Nephrology, and
	Intensive Medicine, Universitätsklinik Regensburg
1994-1998	Additional Studies in Molecular Biology at
1000 1000	University of Hamburg
1992-1999	Assisting Physician, Pharmacology and
	Toxicology,
1999	Universitätskrankenhaus Eppendorf, Hamburg Specialist in Pharmacology and Toxicology
1999-1992	Practicing Physician,
1990-1992	Allgemeines Krankenhaus St. Georg, Hamburg
1989-1990	Medical Studies.
1000 1000	University of Michigan, Ann Arbor, USA
1984-1990	Medical Studies,
	Albert-Ludwigs-Universität Freiburg
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MEDICAL FOCUS

- Simple coronary interventions
- Complex coronary interventions (rotablation, bifurcation stenting)
- CTO (recanalization of chronic coronary artery blockages)
- Coronary interventions with heart support system (IMPELLA) during high risk operations
- Renal denervation
- Pulmonary vein isolation in case of atrial fibrillation
- VT/VES ablations
- Complex atrial rhythm irregularities (atypical atrial fibrillation, left-/biatrial tachycardia)
- Atrial occluder

MEMBERSHIPS

- Deutsche Hochdruckliga (German Hypertension Society)
- National Care Guidelines
- Deutsche Gesellschaft für Pharmakologie und Toxikologie (German Society of Pharmacology and Toxicology)
- Europäische Gesellschaft für Kardiologie (ESC) -European Cardiology Association
- Europäische Gesellschaft Hypertonie (ESH) -European Hypertension Association
- Deutsche Gesellschaft für Kardiologie (German Cardiology Association)

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Prof. Dr. med. Timm Bauer

HEAD OF DEPARTMENT

DEPARTMENT OF CARDIOLOGY, INTERNAL INTENSIVE CARE AND GENERAL INTERNAL MEDICINE SANA HOSPITAL OFFENBACH



The department is composed of the specialist areas of cardiology, general internal medicine and internal intensive care medicine. The main focus is on the treatment of the cardiovascular system, including such illnesses as congenital heart disease, cardiomyopathy, inflammatory heart disease, coronary heart disease, cardiac arrhythmia, syncope, and high blood pressure. The department is staffed as follows: Head of Department (internist, interventional cardiology, intensive care and sports medicine specialist), 11 Senior Physicians, including 1 Senior Physician and Acting Head of Department, 1 Section Head of electrophysiology, 1 Section Head of structural heart disease, 3 specialists, and 20 assistant physicians.

CURRICULUM VITAE

since 2018	Head of Department, Med. Klinik I,
	Sana Hospital Offenbach
2017-2018	Deputy Head of Department,
	Uniklinik Gießen, and Managing Senior Physician
2013-2016	Managing Senior Physician,
	Uniklinik Gießen
since 2015	Trainer and Advisor,
	German Cardiac Society (DGK)
	Interventionsakademie
2015	Additional Qualification, Interventional Cardiology
2013	Additional Title, Intensive Medicine
2013	Technical Qualification in radiation protection of
	thorax and particular organ systems
2012-2013	Senior Physician,
	Städtisches Klinikum Ludwigshafen, Med. Klinik B
2011-2012	Chief Resident,
	Städtisches Klinikum Ludwigshafen, Med. Klinik B
2011	Awarded the title "Specialist in Cardiology"
2009-2011	Assisting Physician,
	Städisches Klinikum Ludwigshafen, Med. Klinik B
2010	Specialist in Internal Medicine,
	Städtisches Klinikum Ludwigshafen, Med. Klinik B
2008-2009	Assisting Physician,
	Kerckhoff-Klinik Bad Nauheim
2005-2008	Assisting Physician,
	Städtisches Klinikum Ludwigshafen, Med. Klinik B
2003-2006	Assisting Physician,
	Uniklinik Heidelberg,
	Department of Internal Medicine VII
2005	Additional Title, Sports Medicine
2002-2003	Practicing Physician,
	Uniklinik Heidelberg,
	Department of Internal Medicine VII
2001-2002	Medical Studies at
	Ludwigs-Maximilian-Universität, Munich
1998-1999	Erasmus Fellowship at the Medical Faculty,
	Università degli studi di Perugia, Italy
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MEDICAL FOCUS

- Percutaneous Coronary Intervention (PCI)
- Ablation
- LAA Occluder
- PFO-LAA Occluder

MEMBERSHIPS

- DGK German Cardiac Society
- ESC European Society of Cardiology

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Starkenburgring 66 63069 Offenbach







Prof. Dr. med. Thomas Wilhelm

HEAD OF DEPARTMENT

DEPARTMENT OF OTOLARYNGOLOGY AND HEAD, NECK AND MAXILLOFACIAL SURGERY SANA HOSPITALS LEIPZIG

The Department of Otolaryngology/ENT and Oral and Maxillofacial Surgery at the Sana Hospitals Leipzig (Borna) has the appropriate competence and equipment to recognize and treat the whole spectrum of head and neck diseases. Specialities include the implantation of hearing aids in cases of hearing loss and deafness, plastic-reconstructive surgery, including aesthetic facial and neck surgery as well as drug, manual medical and surgical therapy for dizziness. The main focus of the department is the treatment of tumor diseases in the head and neck area. Here, we rely on interdisciplinary cooperation with pathologists, radiologists, radiotherapists and internal oncologists in order to determine and implement the best possible therapy for each patient. Additionally, a "Tumor Board" for head and neck tumors was established to further strengthen the interdisciplinary exchange. Another core area for our department is skull base surgery, including microvascular e-compression surgery for trigeminal neuralgia, facial nerve spasm and vascular-associated hearing and balance disorders.

CURRICULUM VITAE

since 2001	Head of Department of Otolaryngology and Head, Neck and Maxillofacial Surgery,
	Sana Hospital Borna
2000-2001	Independent Scientific Activity
1999	Special Ear, Nose and Throat Surgery
1997-2000	Acting Director, ENT Clinic,
	Unfallkrankenhaus Berlin
1997	Plastic Surgery
1995-1997	Deputy Head of Department, ENT,
	Städtische Kliniken Oldenburg
1995	Awarded the title "Specialist for ENT Medicine"
1991-1993	Advanced Training Assistant,
	Klinik der Medizinischen Hochschule Hannover
1991	License to Practice Medicine
1989-1991	Research Assistant,
	Main Department for Research and Development
1989	Doctorate, Dr. med. Title
1982-1989	Medical Studies, Erlangen-Nürnberg University
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MEDICAL FOCUS

- Paranasal sinus interventions, mastoid, complex middle ear interventions, etc.
- Tonsillectomy, except for malignant neoplasm
- Equilibrium disorders, hearing loss and tinnitus
- Nose/throat bleeds or otitis media etc.
- Complex skin surgery and major head and throat intervention
- Malignant neoplasms on ear, nose, mouth and throat

MEMBERSHIPS

- German Society of Otolaryngology/ENT, Head and Neck Surgery
- Working Group, Plastic and Aesthetic Head and Neck Surgery, German Society of Otolaryngology/ENT, Oral and Maxillofacial Surgery
- German Society of Cranial Base Surgery
- Working Group, Cranial Base Surgery and Cranial-Facial Surgery, German Society of Otolaryngology/ENT, Oral and Maxillofacial Surgery
- German-Spanish Society of ENT Medicine, Head and Neck Surgery
- European Academy of Facial Plastic Surgery
- German Society of Plastic and Reconstructive Surgery

CONTACT ADDRESS

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Rudolf-Virchow-Straße 2 04552 Borna







The epilepsy centre at the Rummelsberg Hospital is a centre of conservative epileptology certified by the German Society of Epileptology (DGfE). Dr. Frank Kerling's outpatient authorisation department offers the option of outpatient treatment. Should inpatient treatment become necessary to diagnose or medically treat seizures the following treatment options are available: 4 video EEG monitoring stations, 6 treatment beds on normal ward, 6 treatment beds on our multidisciplinary ward for people with multiple disabilities. Severely impaired patients may be cared for and treated on our multidisciplinary ward for people with multiple disabilities (Ward 13) as part of a multimodal treatment scheme and special support programme. The ward also has a video EEG monitoring unit. We also offer our patients sleep studies (polysomnographies), tilt table tests, additional methods for examining their autonomous nerve system, laboratory diagnostic tests and modern magnetic resonance imaging (MRI) and/or computerised tomography (CT scan). Close cooperation exits with the Epilepsy Centre Erlangen (EZE) in connection with epilepsy surgery. Dr. Frank Kerling has been an epileptologist since 1996 specialising in the drug treatment of seizures. Another important specialty of his is the treatment of patients with mental or multiple disabilities. He is also Medical Director of the Rummelsberg Hospital's Outpatient Medical Treatment Centre for adults with mental disabilities or severe multiple disabilities, MZEB for short. Since 2018, Dr. Frank Kerling has consistently been nominated "TOP Mediziner" (TOP medic) for epileptology by the German news magazine FOCUS and listed in their physicians directory.

CURRICULUM VITAE

since 10.2017	Senior house officer at the Medical Treatment Centre for adults with disabilities (MZEB)
	and epileptology
2012-2017	Senior consultant at the Neurology Clinic
	Rummelsberg, head of the Conservative
	Epileptology Department
2010-2012	Consultant at the Neurology University Hospital
	Ulm, head of the Epilepsy Centre, consultant at
	the Stroke Unit
2007-2009	Consultant at the Epilepsy Centre Erlangen
2003-2006	Consultant in charge of the Epilepsy Centre,
	head of the epilepsy outpatient department
2003	Specialist in neurology
2002-2003	Scientific assistant at the Department of Psychiatry
	at the University of Erlangen-Nuremberg
	(Friedrich-Alexander-Universität Erlangen-Nürnberg)
1995-2002	Scientific assistant at the Department of Neurology
	at the University of Erlangen-Nuremberg
	(Friedrich-Alexander-Universität Erlangen-Nürnberg)
1996	Specialist registrar at the Department of Psychiatry
	at the District Hospital Regensburg
1995	Doctoral thesis "Modulation of alloreactivity
	following Hepatitis B vaccination" - graded
	"magna cum laude"
1993-1995	Junior doctor at the Department of Neurology at
	the University of Erlangen-Nuremberg
	(Friedrich-Alexander-Universität Erlangen-Nürnberg)
1986-1993	Medical studies in Erlangen
	3.

MEDICAL FOCUS

- Conservative epileptology
- Socio-medical epilepsy aspects
- People with mental or multiple disabilities

MEMBERSHIPS

- German Society of Neurology
- German Society of Clinical Neurophysiology
- German Society of Epileptology
- Working group for presurgical epilepsy diagnostics
- German Medical Society for people with mental or multiple disabilities (DGMGB)
- DACH inclusive medicine

CONTACT ADDRESS

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Rummelsberg 65 90592 Schwarzenbruck







Siegbert Faiss

HEAD OF DEPARTMENT

INTERNAL MEDICINE (FOCUS ON GASTROENTEROLOGY) SANA HOSPITAL LICHTENBERG (BERLIN)







The Department of Internal Medicine I with its focus on gastroenterology operates 94 beds for patients with gastroenterological diseases as well as patients with pneumological and diabetological diseases. In addition, the department operates its own palliative ward with 10 beds. The main focus of the department is interventional endoscopy. More than 11,000 endoscopic procedures are currently performed here per year. Thus, the department is the largest endoscopy department in Berlin and enjoys an excellent reputation both nationally and internationally. A special focus of the department and especially of the Head of Department is the diagnosis and endoscopic therapy of early carcinomas of the GI tract (incl. ESD). The other specialist areas (pneumology, diabetology, palliative medicine) are each competently covered by one or more Senior Physicians.

CURRICULUM VITAE

2005-2018

2004

1991-1993

1991

since 2019	Head of Department,	Internal Medicine I

(focus on Gastroenterology)

Sana Hospital Lichtenberg (Berlin) Head of Department, Gastroenterology and

Interventional Endoscopy,

Asklepios Klinik Barmbek, Hamburg

2016 Appointed as Director of the Professorial Chair in

Internal Medicine, Asklepios Campus Hamburg of the Semmelweis Universität Budapest

Appointed as Hon. Prof. at the Semmelweis

2016

University in Budapest

2005-2018 Head of Department, Gastroenterology and

Interventional Endoscopy,

Asklepios Klinik Barmbek, Hamburg

Prostdoctoral Qualification, Speciality in Internal Medicine, awarded the title "Privatdozent,

2000 Awarded the title "Specialist in Gastroenteroloy" 1997 Awarded the title "Specialist in Internal Medicine"

1993-2005 Internal Department with Focus on

Gastroenteology,

Charité Campus Benjamin Franklin

Assisting Physician, Internal Department,

Bundeswehrkrankenhaus Ulm License to Practice Medicine

1989-1991 Practicing Physician,

Bundeswehrkrankenhaus Ulm (Military Hospital)

1989 Doctorate

1989 Degree Examination

MEDICAL FOCUS

- Diagnostic and interventional endoscopic GI-tract procedures
- Endoscopic therapy of early carcinomas
- Colon polypectomies
- Therapy of GI-tract malignancies

MEMBERSHIPS

- German Society of Gastroenterology and Metabolism DGVS
- German Society of Endoscopy and Imaging Techniques DGEBV
- EndoClub Nord

CONTACT ADDRESS

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Fanningerstraße 52 10365 Berlin







GASTROENTEROLOGY, INFECTIOUS DISEASES, ONCOLOGY AND HEMATOLOGY

PD Dr. med. Edris Wedi

HEAD OF DEPARTMENT

DEPARTMENT OF GASTROENTEROLOGY, GASTROINTESTINAL ONCOLOGY AND INTERVENTIONAL ENDOSCOPY SANA HOSPITAL OFFENBACH

The Medical Department II is specialized in the field of gastroenterology, gastrointestinal oncology and interventional endoscopy. The department enjoys the well-deserved reputation for both the state-of-the-art equipment and the outstanding expertise in the diagnosis and treatment of early carcinomas throughout the entire gastrointestinal tract. In addition, patients from other regions are treated for colon, pancreatic and esophageal cancer in collaboration with Dr. Pauthner, the expert in visceral surgery. Furthermore, the treatment of patients suffering from liver diseases such as gallstones, liver tumors or liver inflammation is one of the department's long-standing specialities. The Head of the Department, Dr. Wedi, has gained many years of experience at several hospitals in Germany and abroad.

CURRICULUM VITAE

since 2020	Head of Department,
	Sana Hospital Offenbach
2016-2020	Senior Physician,
	Universitätsklinikum Göttingen
2013-2015	Senior Physician,
	University Clinic Strasbourg, France
2009-2012	Assisting Physician,
	St. Bernwards Klinikum Hildesheim
2001-2008	Medical Studies,
	Georg-August Universität Göttingen

MEDICAL FOCUS

- Interventional EndoscopyGastrointestinal Oncology
- General Gastroenterology
- Internal Medicine

MEMBERSHIPS

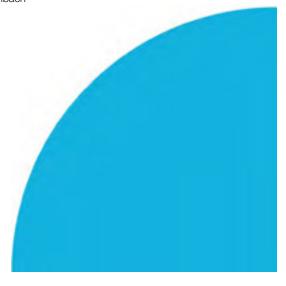
- Advisory Board, Endoscopy Section, German Society of Gastroenterology and Digestive and Metabolic Disorders (DGVS)
- Co-opted Advisory Board, DGE-BV
- Advisory Board, North German Society of Gastroenterology (NDGG)

CONTACT ADDRESS

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Starkenburgring 66 63069 Offenbach









PD Dr. med. Kay Kohlhaw

HEAD OF DEPARTMENT

GENERAL, VISCERAL, MINIMALLY-INVASIVE AND VASCULAR SURGERY SANA HOSPITALS LEIPZIG

In the Department of General, Visceral, Minimally-invasive and Vascular Surgery we treat patients with diseases of the internal organs, blood vessels, respiratory organs and the thorax. The focus is on oncosurgery, vascular surgery and minimally invasive surgery, or so-called keyhole surgery. We spare our patients large incisions in the abdomen by using special surgical instruments and cameras for which we only need very small incisions, or use natural body orifices. In this way, the treatment is gentle and usually leads to less pain and shorter hospital stays. In addition, we attach great importance to close interdisciplinary cooperation with specialists from other disciplines.

CURRICULUM VITAE

since 2019	Member, Certification Commission, German Cancer Society
since 2016	Member, Certification Board, OnkoCert
since 2007	Specialist, Certification in Interdisciplinary
	Oncology, German Cancer Society
since 2001	Head of Department of General, Visceral,
	Minimally-invasive and Vascular Surgery,
	Sana Hospital Leipzig (Borna)
2000	Deputy Head of Department of General Surgery,
	Knappschaftskrankenhaus Bochum
2000	Awarded the Venia legendi, awarder the title
	"Private Lecturer and Doctor for Visceral Surgery"
2000	Postdoctoral Qualification, Dr. med. habil.
1996	Appointed as Senior Physician
1995	Awarded the title "Doctor of Vascular Surgery"
1994	Specialist in Surgery
1993	Completed Military Service as Troop Physician
1987	Doctorate, Dr. med.
1986-1993	Assistant Physician (Research Assistant) in the
	Clinic for Abdominal and Transplantation Surgery,
	Hannover
1980-1986	Medical Studies,
	Medizinische Hochschule Hannover

MEDICAL FOCUS

- Certain interventions on small and large intestines, with severe CC
- Vascular surgery of medium complexity
- Laparoscopic cholecystectomy
- Reconstructive vascular surgery or thoracic-abdominal anyeurism with complex aortal surgery
- Primary visceral oncology / colon, rectum, stomach, pancreas, liver, gallbladder,
- Other lung resections, thoracic organ biopsies and surgery on the thoracic wall, pleura and mediastinum
- Complex or certain interventions on the small and large intestines with a complicating diagnosis
- Interventions on thyroid and parathyroid glands and ductus thyreoglosus
- Complex vascular surgery: aortal / carotid stenosis

MEMBERSHIPS

- Certification Commission of the German Cancer Society:
 Expert (Auditor) Representative on the Certification Commission
- Convention of Leading Hospital Surgeons: Board Member (since 2017, previously 6 years on the Advisory Board)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rudolf-Virchow-Straße 2 04552 Borna







The Department of General and Visceral Surgery is the leading provider in oncosurgery in many portfolio segments in the capital Berlin, according to the performance and evaluation standards of the Berlin Senate. These include in particular hepato-biliary, pancreatic and colon tumor surgery. The Department offers an integrative, high-quality overall range of services together with many other specialist areas of tumor medicine such as gastroenterology, oncology, interventional radiology, pathology as well as facilities for radiotherapy and chemotherapy.

CURRICULUM VITAE

since 2016	Head of Department,
	Sana Hospital Berlin
2012-2016	Head of Department,
	Evangelisches Klinikum Bielefeld
2006-2012	Deputy Head of Department and
	Acting Clinic Director,
	Clinic for General- Visceral- and Vascular Surgery,
	Uniklinik Jena
1996-2006	Assisting and Senior Physician,
	Clinic for General- Visceral- and Vascular Surgery,
	Charité, Campus Virchow Klinikum, Berlin
1995-1996	Assisting Physician, Heart Surgery,
	German Heart Center Berlin
1994-1995	Practicing Physician, Vascular Surgery,
	Charité, Campus Mitte, Berlin

MEDICAL FOCUS

- Pancreatic resections
- Esophageal resections
- Partial hepatectomy
- Colonic and rectal resections

MEMBERSHIPS

- German Surgery Society
- German Society of General and Visceral Surgery
- Association of German Surgeons
- German Cancer Society DKG
- German Transplantation Society

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Fanningerstraße 32 10365 Berlin







Dr. med. Michael Pauthner

HEAD OF DEPARTMENT

DEPARTMENT OF GENERAL AND VISCERAL SURGERY SANA HOSPITAL OFFENBACH



General and visceral surgery includes the surgical treatment of diseases of the internal organs. The specialists of Sana Hospital Offenbach perform all procedures including major multivisceral operations, with the exception of organ transplants. The focus is on oncological surgery and minimally invasive laparoscopic procedures. The department is a recognized national reference center particularly for esophageal and gastric diseases. The Head of Department - Dr. Pauthner - is a widely acknowledged expert for operations on the gastrointestinal tract with a special focus on laparoscopic surgery. Among other things, he has personally performed more than 400 esophageal resections and more than 250 minimally invasive rectal resections. Dr. Pauthner has also held in-house workshops on both topics and performed live surgeries at plentiful congresses. He is also a co-editor of two books and author of numerous scientific articles on visceral surgery. His experienced core team consists of 6 senior physicians with their own clinical specialties (coloproctology, hernia, thyroid, metastatic surgery) and special consultation hours.

CURRICULUM VITAE

since 2018	Head of the Department of General and
	Visceral Surgery, SOF
since 2014	Teaching Assignment as Trainer in Surgery, Goethe-Universität Frankfurt
0014 0017	Good to Criticional Francisco
2014-2017	Acting Director, Department of General and Visceral Surgery, SOF
2006-2014	Deputy Head of Department, General and
	Visceral Surgery,
	Dr. Horst-Schmidt-Kliniken Wiesbaden
	(Prof. Dr. D. Lorenz)
2004-2005	Deputy Head of Department, General-,
	Visceral and Thoracic Surgery,
	Klinikum Deggendorf (Prof. Dr. M. Behrend)
1990-2003	Training as Medical Specialist, Clinic for General-,
	Visceral-, Thoracic-, and Endocrine Surgery,
	Klinikum Nürnberg (Prof. Dr. Ch. Gebhardt)
2004	Extra-occupational training, hospital business
	administration,
	cekip-Institut Nürnberg
2000	Training as Medical Quality Control Manager,
	Bavarian State Medical Board
	(Bayerischen Landesärztekammer)
1999	Study visit, Universiy of Southern California,
	(Prof. DeMeester) funded by the Dr. Ernst and
	Anita Bauer Foundation
1983-1989	Medical Studies,
	Friedrich-Alexander-Universität Erlangen,
	University of the Witwatersrand,
	Johannesburg/South Africa,
	and Har <mark>v</mark> ard University, Boston MA, USA

MEDICAL FOCUS

- Esophageal resections
- Gastric resections
- Colorectal interventions
- Pancreas operations
- HIPEC

MEMBERSHIPS

- German Society for General and Visceral Surgery (DGAV)
- Working Group, upper gastrointestinal tract
- Professional Association of German Surgeons (BDC)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Starkenburgring 66 63069 Offenbach





As a Level I perinatal centre, the Department of Obstetrics and Gynecology offers family-oriented obstetrics with maximum safety in three comfortably-equipped delivery rooms. Together with the pediatric department directly next door, we provide optimum care options for higher-risk births such as premature births, multiple births, sudden emergencies and for newborns with congenital diseases. In the field of gynecology, the department offers the entire spectrum of gynecological operations, including operations for infertility. Extensive oncological operations are also performed, as well as operations for prolapse problems and urinary incontinence.

CURRICULUM VITAE

since 2017	Medical Director
since 2016	Medical Director, Specialty Area Gynecology and Obstetrics,
	MVZ Duisburg Süd
since 2011	Head of Department, Obstetrics and Gynecology,
	Sana Hospitals Duisburg
2008	Qualification to train in the specialty "Special
	Obstetrics and Perinatal Medicine"
2007	Deputy Head of Department,
	Universitätsfrauenklinik Essen
2007	Medical Director, Perinatal Center
2004	Recognition of the Facultative Further Education,
	Special Obstetrics and Perinatal Center
2003	Senior Physician,
	Universitätsfrauenklinik Essen with concentration on
	obstetrics and perinatal medicine
2002	Recognition as Specialist in gynecology and obstetrics
1998-2003	Assisting Physician,
	Universitätsfrauenklinik Essen
1996-1998	Practicing Physician,
	Universitätsfrauenklinik Essen
1990-1996	Medical Studies,

MEDICAL FOCUS

- Prenatal diagnostics
- Care of high-risk pregnancies
- Care of high-risk births
- Implementation of Cerclagen/cervical stenosis
- Care of women with pre-eclampsia / growth retardation
- Care of women at risk for premature birth

MEMBERSHIPS

- Acting District Board Member, Association of Gynecologists
- Member, German Society of Obstetrics and Gynecology (DGGG)
- Member, Lower Rhine Westphalian Society for Gynecology and Obstetrics (NWGGG)
- Member, German Society for Ultrasound in Medicine (DEGUM)
- Member, German Society for Perinatal Medicine (DGPM)
- Member, German Society for Obstetrics and Prenatal Medicine (DGPGM)

CONTACT ADDRESS

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Zu den Rehwiesen 9 47055 Duisburg







We focus on the most beautiful moment in the lives of parents' at the Department of Gynecology and Obstetrics - the birth of children. The safety and well-being of the child is our top priority. The parents are offered to choose the delivery method - thus granting the individual approach and a unique birth experience. Furthermore, in gynecology we specialize in the examination of genital organs and diagnosis and treatment of their diseases. We offer the full range of gynecological services from breast examinations and therapies to surgical treatment of the female genital organs and specific surgery for various tumors. We specialize in minimally-invasive procedures for surgical interventions, so-called keyhole surgery, which no longer requires large incisions.

CURRICULUM VITAE

2019	Head of the Gynecology Department,
2017-2019	Sana Hospitals Leipzig in Borna Department Director (Acting) for
2017 2010	Prof. Dr. Behriye Aktas
2015-2017	Initiation and Management of the
	Gynecological Tumor Center,
	Universitätsfrauenklinik Leipzig
2012-2017	Department Director (Acting) for
0000	Prof. Dr. Michael Höckel
2009	Hope-European Hospital, Exchange Program for Hospital Managers (Great Britain)
2008	Specialist Designation, "Gynecological Oncology"
2005	Certified Advanced Training in
2000	"Special Surgical Gynecology"
2005	Certified Advanced Training in
	"Oncological Diagnostics and Therapy in
	Gynecology"
2002	Appointed as Senior Physician,
	Universitätsfrauenklinik Leipzig
1998	Specialist, Gynecology and Obstetrics
1995-1998	Assistant in Advanced Training,
1995	Universitätsfrauenklinik Leipzig Doctorate, Ernst-Moritz-Arndt-Universität
1990	in Greifswald
1995	License to Practice Medicine
1993-1995	First Year Resident,
	Universitätsfrauenklinik Leipzig
1987-1993	Medical Studies,
	Ernst-Moritz-Arndt-Universität in Greifswald
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MEDICAL FOCUS

- Hysterectomy other than malignant growth
- Complex reconstructive interventions on female reproductive organs
- Pelvic visceration in females and complex vulvectomy or certain lymphademectomy
- Vaginal delivery or thromboembolism during the gestational period (without OR procedure)
- Caesarian section or thromboembolism during the gestational period (with OR procedure)

CONTACT ADDRESS

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international@sana.de

Rudolf-Virchow-Straße 2

04552 Borna







GYNECOLOGY AND OBSTETRICS

Dr. Jens-Peter Scharf

HEAD OF DEPARTMENT

DEPARTMENT OF GYNECOLOGY AND OBSTETRICS SANA HOSPITAL LICHTENBERG (BERLIN)



The main focus of the Women's Hospital is gynecology with the certified Gynecological Cancer Centre as well as urogynecology and obstetrics with a Level II Perinatal Center. The gynecological department has a total of 52 beds. The department has been a certified "Gynecological Cancer Center" since 2010. 100 gynecological malignancies are treated per year and about 170 urogynecological operations are performed per year. The department fulfils the requirements for a MIC II centre. The spectrum of the department includes all vaginal, laparoscopic and abdominal standard operations, gynecological oncology, urogynecology as well as a focus on minimally-invasive surgery. In our dysplasia consultation we treat about 300-350 patients per year. In 2018, the number of births was 3,321. There are 5 delivery rooms, and 40 beds are available for the care of high-risk pregnant women and women who have recently given birth. The obstetrics department includes an outpatient department for high-risk pregnancies including a focus on diabetes in pregnancy and an ultrasound department. The obstetrical spectrum includes normal births, vaginal-operative deliveries, vaginal pelvic end position births, twin births, sections of all degrees of difficulty, external turns of BEL, etc. Owing to the affiliated Neonatology Department, premature births from the 29th week of pregnancy can be delivered in the department.

CURRICULUM VITAE

since 2013	Head of Department, Gynecology and Obstetrics,
0.1.00 20 10	Sana Hospital Lichtenberg (Berlin)
2011-2013	Deputy Head of Department,
2011	Sana Hospital Lichtenberg (Berlin) Deputy Head of Department,
2011	Helios-Klinikum Berlin-Buch
2007-2010	Senior Physician, focus on surgical gynecology,
	oncology, and minimally-invasive surgery,
	Helios-Klinkum-Berlin-Buch
2004-2010	Senior Resident Physician,
	Vivantes Klinikum Hellersdorf
2000-2004	Specialist, Vivantes Klinikum Hellersdorf
1999-2000	Assisting Physician,
	DRK-Kliniken Köpenick, Berlin
1996-1999	Assisting Physician,
	Friedrichshain Hospital, Berlin
1995-1996	Assisting Physician, Obstetrics and Gynecology
	Department,
	Evangelical Hospital, Lippstadt
1993-1995	Practicing Physician, Gynecology and Obstetrics,
	Friedrichshain Hospital, Berlin

MEDICAL FOCUS

- Gynecological inpatient operations, including 100 gyn. operations and 200 urogynecological operations
- Outpatient gynecological cases
- Outpatient gynecological operations
- Outpatient obstetric cases (incl. deliveries)

MEMBERSHIPS

- Working Group, Cervical Pathology and Colposcopy
- Northeast German Society of Gynecological Oncology e.V. NOGGO
- Society of Obstetrics and Gynecology in Berlin
- AGE (MICII)
- DGGG
- Tumor Center Berlin, Project Group Ovar
- AGC

CONTACT ADDRESS

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Fanningerstraße 32 10365 Berlin







Prof. Dr. med. Christian Jackisch

HEAD OF DEPARTMENT

DEPARTMENT OF GYNECOLOGY AND OBSTETRICS SANA HOSPITAL OFFENBACH





With around 3,000 procedures per year, the Department of Gynecology and Obstetrics has a high level of expertise and experience in the entire field of gynecology. In addition to all benign genital and breast tumors, we can offer affected women excellent diagnostics and therapy for their cancer from a single source. At our Breast Center - one of only five recognized breast centers certified by the German Cancer Society (DKG) and the German Society for Senology (DGS) - patients benefit from state-of-the-art treatment. Another focus is the specialization in minimally invasive surgery, i.e. endoscopic surgery. We perform operations on the female reproductive organs in the small pelvis without a stressful abdominal incision and clarify unclear findings of the uterus by means of hysteroscopy in an easy and gentle way. Another focus of our department is the treatment and therapy of incontinence and prolapse problems. The Perinatal Center Level I at Sana Hospital Offenbach offers the highest level of perinatal care and works closely with the Department of Prenatal Care & Pediatric Surgery and the ICU.

CURRICULUM VITAE

since 2005	Head of Department, Gynecology and Obstetrics
2002-2005	Deputy Head of Department, Acting Director,
	Universitäts Frauenklinik Marburg
1995-2002	Senior Physician,
	Universitäts Frauenklinik Münster
1994-1995	DFG Fellowship, Postdoc Fellow,
	Johns Hopkins Medical School Oncology Center
	Baltimore, MD USA
since 1994	Specialist in Gynecology and Obstetrics
1990-1994	Specialist Training,
	Universitäts Frauenklinik Münster
	Senior Breast Surgeon
	Special Gynecological Oncology

Surgical Gynecology

MEDICAL FOCUS

- Surgical therapy of mammary carcinoma
- Surgical therapy of female genital carcinoma
- Surgical therapy of benign genital and breast tumors
- · Minimally invasive surgery

Profile of the Department of Gynecology and Gynecologic Oncology

- Molecular Tumor Board & Interdisciplinary Tumor Boards
- Minimally invasive laparoscopic therapies and robotic surgery
- Reconstruction surgery in cooperation with the Department of Plastic Surgery
- Intraoperative radiation and brachytherapy in breast and gynecologic cancer
- International Trial Center for clinical trials Phase III-V
- Uro-gynecology (surgical and conservative therapy)

Profile of the Department of Obstetrics and Prenatal Care

- Perinatal Center Level I (approx. 1,500 newborn per year)
- High level prenatal ultrasound and counseling (DEGUM II)
- Prenatal monitoring and invasive procedures

MEMBERSHIPS

- DGGG (German Society of Gynecology and Obstetrics)
- AGO Organ Commission (Mammary) Member of the Organ Commission for design of therapy recommendations for diagnosis and therapy of mammary carcinomas
- S3 Guideline Commission Expert Member, creation of S3 guidelines for prevention, diagnosis, therapy, and aftercare of mammary carcinomas

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Starkenburgring 66 63069 Offenbach





HEART SURGERY

Univ.-Prof. Dr. med. Klaus Matschke

HEAD OF DEPARTMENT

DRESDEN HEART CENTER UNIVERSITY HOSPITAL

In the Cardiac Surgery Department about 3,500 heart operations are performed annually. In addition to standard facilities such as transplantation, intermediate and normal care wards, our department offers a well equipped cardio-surgical intensive care unit with 23 ventilator beds, four operating theaters and a hybrid operating theater.

CURRICULUM VITAE

since 2012	Professorship in Cardiac Surgery,
	Dresden Heart Center
2006 - today	Director, Cardiac Surgery Department,
	Dresden Heart Center
2003-2006	Acting Director, Cardiac Surgery Department,
	Dresden Heart Center
2003-2003	Deputy Head of Department,
	Cardiac Surgery Department,
	Dresden Heart Center
1998-2002	Senior Physician, Cardiac Surgery Department,
	Dresden Heart Center
1993-1995	Assisting Physician, Cardiac Surgery Department,
	Duisburg Heart Center
1991-1993	Assisting Physician, Cardiac Surgery Department,
	Berlin Heart Center
1985-1991	Medical Studies,
	Freie Universität Berlin

MEDICAL FOCUS

- Coronary bypass surgery
- Heart valve interventions
- Aortal interventions

MEMBERSHIPS

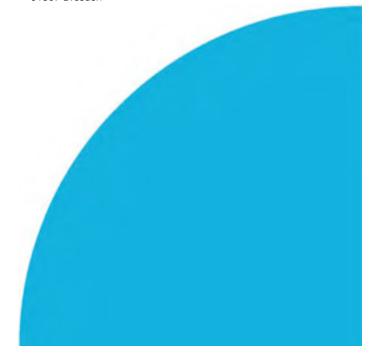
- German Society for Thoracic, Cardiac and Vascular Surgery (DGTHG)
- European Association for Cardio-Thoracic Surgery (EACTS)
- German Cardiac Society (DGK)

CONTACT ADDRESS

 $T: +49\ 30\ 6290110$ - $232\ English$ / Russian / Arabic international@sana.de

Fetscherstraße 76 01307 Dresden









Dr. med. Torsten Hantel

HEAD OF DEPARTMENT

INSTITUTE FOR DIAGNOSTIC AND INTERVENTIONAL RADIOGRAPHY / NEURORADIOLOGY SANA HOSPITALS LEIPZIG

The Institute for Diagnostic and Interventional Radiology provides radiological, diagnostic and therapeutic services for all specialist departments of the Sana Hospitals Leipzig. The department also offers the entire spectrum of nuclear medicine and sponsors the mammography screening program. We have the latest technical instruments at our disposal for this purpose. The interdisciplinary cooperation offers performance and competence at the highest level.

CURRICULUM VITAE

since 2015	Acting Head of the Radiology Department, Sana Hospital Borna
since 2014	Certification in Interventional Radiology, DeGIR
since 2011	Appointed as Head of the Neuroradiology
	Department, Hospital St. Georg GmbH Leipzig
since 2002	Deputy Head of the Neuroradiology Department,
	Hospital St. Georg GmbH Leipzig
since 2001	Guest Residence, University of Paris,
	Prof. LasJaunias
since 2001	Recognized as Specialist in Neuroradiology
1999-2002	Deputy Head of Department,
	BG-Kliniken Bergmannstrost Halle/Saale
1999	Appointed as Senior Physician
1997-1999	Head of working area in Neuroradiology,
	Hospital St. Georg
1997	Specialist, Diagnostic Radiology,
	Leipzig University
1987-1996	Uniklinikum Leipzig, Neurology, Psychiatry,
	Radiology
1992	Additional Qualification in Radiology
1992	Specialist in Neurology and Psychiatry,
	Uni Leipzig
1991	Doctorate
1987	License to Practice Medicine
1987	High School and University Studies in Leipzig

MEMBERSHIPS

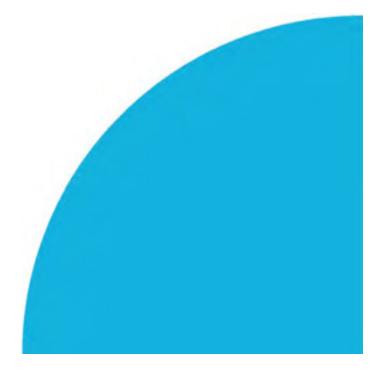
- German Society for Interventional Radiology
- German Radiography Society
- · German Neuroradiology Society
- Professional Association of German Radiologists
- Radiography Society, State of Saxony

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rudolf-Virchow-Straße 2 04552 Borna









Prof. Dr. med. MBA Norbert Rilinger

HEAD OF DEPARTMENT

CENTRAL INSTITUTE FOR DIAGNOSTIC AND INTERNVENTIONAL RADIOLOGY AND NUCLEAR MEDICINE SANA HOSPITAL OFFENBACH

For nuclear medicine, the Institute has a state-of-the-art 1.5 T MRI device and 3 T MRI devices, two multi-line spiral CTs, a two-plane rotational 3D angiography device with CT function, a fully digital angiography system, and a modern double-head SPECT-gamma camera. Available is also a stereotactic mammography/biopsy system and all other diagnostic methods in digital technology. The medical focus in the field of diagnostics is on musculo-skeletal diagnostics, neuroradiological diagnostics, oncological diagnostics and cardiac diagnostics using MRT and CT. In terms of surgical procedures, there is a great deal of expertise in the treatment of arterial and venous vascular diseases, especially peripheral arterial occlusive diseases, and in the treatment of aneurysms of the abdominal artery and, in some cases, the thoracic artery. We perform expert neurointerventional treatment on stroke patients as well as patients with cerebral artery aneurysms, vascular malformations and tumors.

CURRICULUM VITAE

since 1999	Head of Department, Central Institute for Diagnostic and Internventional Radiology and
	Nuclear Medicine
since 2005	Medical Director,
	Sana Hospital Offenbach
2015	Certificate in Interventional Radiology, Punctures,
	Vascular Therapy and Tumor Therapy
2007-2012	Director, MVZ, BGU Trauma Center,
	Frankfurt am Main
2005-2012	Head of Department, Institute for Diagnostic
	and Interventional Radiology,
	BG Trauma Center, Frankfurt
2003	Adjunst Professor,
	Universität Ulm
since 1999	Teaching Assignment,
	Johann Wolfgang von Goethe Universität Frankfurt
since 1999	Postdoctorate Qualification,
	Universität Ulm, Private Lecturer
1991-1998	Senior Physician,
	Clinic for Radiology Universitätklinikum Ulm
1993	Specialist knowledge, nuclear medical diagnostics
1991	Specialist in diagnostic radiology
1986-1991	Assisting Physician, Institute for Radiology and
	Nuclear Medicine,

State Exam in Human Medicine and graduation to Dr. med., Universität Heidelberg

Klinikum Oldenburg

1986

MEDICAL FOCUS

- Rechanneling interventions (PTA, stent) for arterial occlusive disease
- Rechanneling operations for acute stroke
- CT-steered vertebroplasties for spinal fractures
- CT-steered spinal pain therapies
- Embolizations of cerebral artery aneurysms
- Endovascular treatments (shutoff) of aortal aneurysms

MEMBERSHIPS

- Member, Radiological Society of North America
- Member, International Society of Endovascular Specialists
- Member, Cardiovascular and Interventional Radiological Society of Europe (CIRSE)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Starkenburgring 66 63069 Offenbach







LUNG MEDICINE / PULMONOLOGY

Dr. med. Karl-Matthias Deppermann

HEAD OF DEPARTMENT

PNEUMOLOGY SANA HOSPITALS DUSSELDORF









The Department of Pneumology is part of the Lung Centre at Sana Hospitals Dusseldorf (Gerresheim). The department features the most modern and technically-advanced equipment available. The entire spectrum of pneumological diseases can be diagnosed and treated here; the classical illnesses being e.g. COPD, pneumonia, and tuberculosis. We also focus on pneumological oncology, treating primarily lung cancers. Working together with the Thoracic Surgery Department in Duisburg and the radiotherapy facility at the Marien-Hospital in Dusseldorf, we are able to carry out a comprehensive diagnostic and treatment programme. A further treatment focus is 'weaning' from long-term ventilation/artificial respiration, which is one of the most important aspects of respiratory medicine. Furthermore, we can set up and adjust mask ventilation (NIV) for COPD patients with acute or chronic breathing difficulties. The Department of Pneumology has been led by Dr. Karl-Matthias Deppermann since 2014.

CURRICULUM VITAE

since 2014	Head of Department,
	Sana Hospitals Dusseldorf -
	Lung Centre Gerresheim
2007-2014	Head of Department, I. Medical Department,
	Department of Pneumology,
	Sleep- and Respiratory Medicine -
	HELIOS Hospital, Erfurt
2004-2007	Head of Department,
	Ruppin Pneumology Hospital, Neuruppin
1995-2004	Deputy Head of Department, Pneumology Section
	Specialist Hospital for Pulmonary Medicine and

Thoracic Surgery, Berlin-Buch

Research Associate at the Free University of Berlin, Benjamin Franklin Hospital, Department of Internal Medicine, with focus on pneumology and cardiology

MEDICAL FOCUS

- COPD
- Bronchial carcinoma
- Pneumonia
- Weaning

MEMBERSHIPS

- German Cancer Society (DKG)
- German Pneumology Society, Pneumological Oncology Section
- Men's Health Foundation (Stiftung M\u00e4nnergesundheit), Advisory Council Member

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Gräulinger Straße 120 40625 Dusseldorf



1987-1995







Dr. med. André Althoff, MBA

HEAD OF DEPARTMENT

DEPARTMENT OF PNEUMOLOGY SANA HOSPITAL OFFENBACH



The Department of Pneumology (Medical Department V) treats all lung diseases, encompassing an entire spectrum of modern diagnostic and therapeutic expertise, ranging from diagnostics and treatment in the general ward, to intensive medical care and monitoring of critically ill patients in the intensive care unit. There is a close cooperation with the palliative ward and the outpatient palliative team on site for the treatment of terminally ill patients. The department features a pneumological function laboratory for the diagnosics of lung diseases and sleep disorders, as well as an endoscopy unit in which all lung diseases can be diagnosed with modern equipment.

CURRICULUM VITAE

since 2018	Medical Department V, Sana Hospital Offenbach
since 2019	Managing Physician Pneumo-Oncological practice recognized by German public health insurance, ambulatory health care center,
0017 0010	Sana Hospital Offenbach
2017-2018	Deputy Head of Department Pneumology, St. Elisabethen-Krankenhaus, Frankfurt
2016-2017	Senior Physician
	Pneumology practice recognized by German
	public health insurance,
	ambulatory health care center,
	Taunus, Bad Homburg
2011-2017	Section Head
	Medical Department III, Pneumology, Hochtaunus-Kliniken, Bad Homburg
1998-2017	Specialist in Pneumology Specialist in Internal Medicine

Additional Qualification, Internal Intensive Medicine

Additional Qualification, Sleep Medicine

Additional Qualification, Palliative Medicine

MEDICAL FOCUS

- Invasive Bronchoscopy
- Thoracic Oncology
- COPD and Pneumonia
- Interstitial Lung Diseases

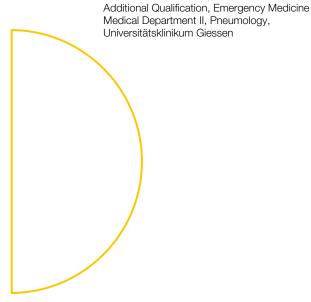
MEMBERSHIPS

- · German Society of Internal Medicine (DGIM)
- German Society of Pneumology and Ventilation Medicine (DGP)
- German Society of Health Economics (DGÖÖ)
- German Society of Hemato-Oncology (DGHO)
- German Society of Sleep Research and Sleep Medicine (DGSM)
- European Respiratory Society (ERS)
- Association of Medical and Scientific Journalists (VMWJ)
- German Lung Foundation

CONTACT ADDRESS

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Starkenburgring 66 63069 Offenbach









MANUAL MEDICINE

Dr. Jan Emmerich

HEAD OF DEPARTMENT

DEPARTMENT OF MANUAL MEDICINE SANA HOSPITALS SOMMERFELD (BERLIN)



The field of physical and rehabilitative medicine is a multidisciplinary specialty with content in many fields such as orthopedics, internal medicine and neurology. The main focus of our department is on pain disorders of the locomotor system. In the Department and Day Center of Manual Medicine with its locations in Sommerfeld (inpatient) and Lichtenberg (semi-inpatient), patients with chronic pain of the musculoskeletal system are treated in a complex multimodal setting. Patients are assigned to different clinical pathways according to their individual diagnoses and are treated in a group setting with additional use of individual therapies. A prerequisite for a correct assessment of the diagnostic findings is a detailed medical and psychological diagnosis in a team. The Head of Department, Dr. Jan Emmerich, is a specialist in PRM, but also a specialist in internal medicine with a focus on rheumatology. Additional training in manual medicine including osteopathic procedures, special pain therapy and psychosomatic basic care round off the comprehensive diagnostic and therapeutic spectrum. The department's multi-professional team consists of physicians from various disciplines (PRM, orthopedics/accident surgery, anaesthesia, internal medicine, neurology), psychological psychotherapists, physiotherapists and sports therapists as well as nurses with the qualification Algesiological Specialist Assistant. All physicians are trained in manual medicine.

CURRICULUM VITAE

since 2020	Head of Department
2017-2019	Deputy Head of Department
	(Medical Specialist for PRM)
2009-2017	Senior Physician (Medical Specialist, Internal
	Medicine, SP Rheumatology)
2007-2008	Medical Specialist,
	Immanuel Hospital Berlin-Buch (Rheumatology)
2006-2007	Assistant Physician,
	Evfreikirchliches Krankenhaus Bernau
	(Internal Medicine)
2005-2006	Assistant Physician,
	Sana Hospitals Sommerfeld (Manual Medicine)
1999-2005	Assistant Physician,
	Immanuel-Krankenhaus Berlin-Buch
	(Rheumatology)
1996-1998	Practicing Physician,
	Charité (Cardiology, Angiology, Pneumology)

MEDICAL FOCUS

- PRM (polymyalgia rhematica)
- · Internal Medicine, SP Rheumatology
- Special Pain Therapy
- Manual Medicine, incl. Osteopathic procedures

MEMBERSHIPS

- · Scientific Advisory Board
- Advisory Board (Training and Continuing Education)

CONTACT ADDRESS

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Waldhausstraße 44 16766 Kremmen









Prof. Dr. med. Kirsten de Groot

HEAD OF DEPARTMENT

MEDICAL DEPARTMENT III SANA HOSPITAL OFFENBACH

The Medical Department III treats patients with acute and chronic internal renal and hypertension illnesses and offers the entire spectrum of nephrological examination and treatment, including renal replacement therapy. Special service focuses are the treatment of inflammatory rheumatological diseases, especially systemic autoimmune diseases and acute kidney failure. In the dialysis department, all modern blood purification procedures as well as all drug treatments for inflammatory rheumatic diseases are carried out. The department cooperates closely with internal and external specialists and the surrounding university transplantation centers on an interdisciplinary basis. We also cooperate with the outpatient board of trustees for home dialysis and kidney transplantation. A very experienced team of specialists forms the only medical department in Offenbach with 24-hour care for patients with acute kidney and rheumatic diseases.

CURRICULUM VITAE

2009	Adjunct Professor,
	Med. Hochschule Hannover
since 2005	Head of Department, Med. Department III
	(Internal Medicine, Nephrology, Rheumatology,
	Dialysis) as well as the Kidney Center Offenbach
since 2003	Head of Department,
	Emergency Unit, Med. Hochschule Hannover
2004	Postdoctoral Qualification, Internal Medicine
2002	Specialist in Nephrology
2002	Specialist Training in Nephrology,
	Med. Hochschule Hannover
1998	Specialist in Rheumatology
1998	Specialist in Internal Medicine
1992-1998	Specialist Training in Internal Medicine,
	Rheumaklinik Bad Bramstedt and
	Universitätsklinik Lübeck
1992	License to Practice Medicine
1990-1991	Practicing Physician, Internal Medicine, Neurology
	and Surgery at the Henriettenstift Hannover
1990	Doctorate
1983-1990	Medical Studies,

MEDICAL FOCUS

- Acute kidney failure
- Inflammatory systemic illnesses with kidney involvement
- Arterial hypertension, diabetic nephropathy

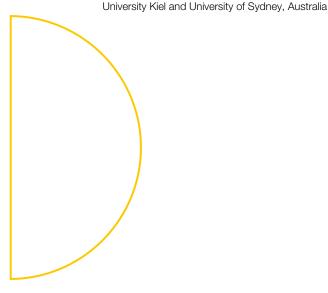
MEMBERSHIPS

- Committee on applicationorientated research and development of the dialysis and kidney transplantation
- German Nephrology Society
- German Society for Internal Medicine
- German Rheumatological Society
- American Society of Nephrology
- European League against Rheumatism (EULAR)
- Member of Medical Advisory Board
- Member of the extended Board

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Starkenburgring 66 63069 Offenbach







Neurosurgery at Sana Hospitals Duisburg is one of the largest neurosurgical departments in Germany and has long-standing expertise in all areas of microsurgery and neuroendoscopy. The professional competence of our neurosurgery department is complemented by close cooperation with other departments of Sana Hospitals Duisburg in the Neuro Center including the specialties of neuroradiology, neurology, neurological early rehabilitation, oncology, radiotherapy, pediatrics and neuropediatrics.

CURRICULUM VITAE

since 2009	Head of Department, Neurosurgery,
0000	Sana Hospitals Duisburg
2008	Deputy Head of Department/ Acting
	Department Director, Neurosurgery,
	Knappschaftskrankenhaus Bochum-Lagenedreer
since 2008	APL Professor at Ruhr - University Bochum
2006	Internship at the Neurosurgery Clinic at Radboud -
	Nijmengen University, Netherlands
2005	Co-founded the Neurooncology Tumor Bank at the
	Ruhr University Bochum,
	Director of the Neurology Department
2003	Internship in the Department of Vascular
	Neurosurgery, Mass. General Hospital,
	Harvard Medical School, Boston, USA
2003	Head of microsurgery courses for students
2002	Member of the PhD Commission at the
	Ruhr University Bochum
2000	Completion of optional continuing education in
	"Special Neurosurgical Intensive Care"
1999	Executive Senior Physician,
	Neurosurgery Clinic at Knappschaftskrankenhaus
	Bochum-Langendreer
1996	Specialist, Neurosurgery
1992	Rotation, Neurosurgery Clinic at
	Knappschaftskrankenhaus Bochum-Langendreer
1991	Assistant Physician,
	Klinikum Rudolf Virchow, Berlin
1984	Medical Studies at the Freien Universität Berlin

MEDICAL FOCUS

- Brain tumors
- Basal Skull Surgery, Adults and Children
- Spinal Microsurgery
- Vascular Microsurgery
- Spinal Column Diseases

MEMBERSHIPS

- German Neurosurgical Association (DGNC)
- European Association of Neurological Surgeons (EANS)
- International Graduate School of Neurosciene (IGSN)
- German Plastic, Reconstructive, and Aesthetic Surgery Association (DGPRÄC)
- American Association of Neurological Surgeons (AANS)
- Guideline Commission, Orbital Reconstruction on behalf of the DGNC, Scientific Advisory Board DGNC

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Zu den Rehwiesen 9 47055 Duisburg







NEURO SURGERY

Dr. med. Elke Januschek

HEAD OF DEPARTMENT

DEPARTMENT OF NEUROSURGERY SANA HOSPITAL OFFENBACH



The spectrum of the Department of Neurosurgery includes all surgically treatable diseases of the brain, spinal cord, spine and peripheral nerves. Careful planning with the help of modern imaging techniques and the highest precision in the execution of surgical interventions are basic requirements for successful neurosurgical operations. The brain, spinal cord and peripheral nerves are the most complex organs of the body. In order to spare the tissue itself and the surrounding structures, operations are almost exclusively performed under the operating microscope. In particularly delicate operations, the electrical pathways of the brain, the cranial nerves or the spinal cord are continuously evaluated for functionality by means of impulse generation and recording of electrical activity (neuromonitoring). In our department, surgical procedures ranging from acutely life-threatening cerebrovascular aneurysms to brain tumor operations and carpal tunnel syndrome are performed and patients are cared for and advised in various special consultation hours both before and after operations. With brain tumor surgery, the treatment of brain and subarachnoid hemorrhages in cerebral aneurysms and arteriovenous malformations (AVM), brain bypass operations, (also in children and adolescents with moyamoya syndrome), we have placed special emphasis on the surgical treatment of trigeminal neuralgia and spinal fluid disorders as well as the surgical treatment of tumors and degenerative diseases of the spine (herniated discs, stenoses of the spinal canal) with minimally invasive stabilization. The team of the neurosurgical department under the direction of the Head of Department, Dr. med. Elke Januschek, consists of 3 Senior Physicians, 1 functional Senior Physician and 7 Assistant Physicians, and treat patients in the emergency room, intensive care and normal ward according to the latest neurosurgical expertise and surgical procedures. For this purpose, 2 modern surgical microscopes, ultrasound, neuronavigation, and electrophysiology equipment are all available, as well as CT imaging, MRT and angiography, in close cooperation with the Central Institute for X-ray Diagnostics.

CURRICULUM VITAE

since 2017	Head of Department, Neurosurgery and
	Outpatient Center,
	Sana Hospital Offenbach
2015-2016	Facultative collaboration / Research at the
	Asklepios Children's Hospital Sankt Augustin,
	Department of Pediatric Neurosurgery
2011-2017	Deputy Head of Department,
	Neurosurgery Department,
	Sana Hospital Offenbach GmbH
2002-2011	Senior Physician, Department of Neurosurgery,
	Offenbach Hospital GmbH
2002	Specialist in Neurosurgery
2001	Promotion to Dr. med. degree at
	Friedrich-Schiller-University Jena
1996-2002	Neurosurgical Specialist Training at
	Offenbach Hospital
1989-1995	Medical Studies in Leipzig, Erfurt and Jena

MEDICAL FOCUS

- Pediatric Neurosurgery (Certificate European Postgraduate Course in Pediatric Neurosurgery)
- Spinal Surgery (Master-Certificate of the German Spine Society)
- Vascular Neurosurgery (Aneurysm, Angioma, Moya moya, Jannetta procedures (Trigeminal neuralgia)
- Brain tumor surgery
- Treatment of Hydrocephalus
- Neurosurgical Intensive Care

MEMBERSHIPS

- Deutsche Gesellschaft für Neurochirurgie (DGNC - German Society of Neurosurgery)
- Deutsche Wirbelsäulengesellschaft (German Spine Society)
- Pediatric Neurosurgery Section, DGNC
- Deutsche Schmerzgesellschaft (section of the International Association for the Study of Pain)
- European Society of Pediatric Neurosurgery

CONTACT ADDRESS

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NEUROLOGY, NEURO EARLY REHAB,

Prof. Dr. med. Wilhelm Nacimiento

HEAD OF DEPARTMENT

NEUROLOGY SANA HOSPITALS DUISBURG





The treatment of patients in the Neurology Department occurs mainly on an inpatient basis. In addition to the normal ward, the department has a stroke unit for optimized diagnosis and therapy of stroke patients in the acute phase. We enjoy close cooperation with the Department of Neuroradiology in thrombolysis treatment and differential diagnostics. For subsequent treatment of severely affected patients following the acute phase, the Neurology Department features an inpatient early rehabilitation department. The range of services covers all diseases of the central and peripheral nervous system as well as muscle diseases.

CURRICULUM VITAE

since 2014	Head of Department of the Neurology and
	Neurological Early Rehabilitation Department,
	Sana Hospitals Duisburg
2004	Regional Authorized Representative,
	German Stroke Foundation
2001	Appointed APL-Professor at RWTH Aachen
2000	Head of Department of the Neurology Department,
	Sana Hospitals Duisburg
1999	Managing Senior Physician, Neurology Department
	at RWTH Aachen
1996	Postdoctoral Qualification in Neurology at
	RWTH Aachen
1993	Senior Physician, Neurology Department at
	RWTH Aachen
1993	Medical Specialist in Neurology
1993	Assistant Physician, Neurology Department at
	RWTH Aachen
1992	Assistant Physician, Psychiatric Department at
	RWTH Aachen
1987-1992	Assistant Physician, Neurology Department at
	Alfried-Krupp-Krankenhaus, Essen
1987	PhD at University Heidelberg
1980-1986	Medical Studies at University Heidelberg

MEDICAL FOCUS

- Stroke
- Multiple Sclerosis
- Neurodegenerative Disorders
- **Epilepsy**
- Palliative Neurology

MEMBERSHIPS

- German Stroke Foundation
- Commission of Leading Hospital Neurologists, German Neurology Association (DGN)
- Expert Commission on Physician Malpractice, Medical Council Nordrhein

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Zu den Rehwiesen 9 47055 Duisburg









NEUROLOGY

Dr. med. Karl-Heinz Henn

HEAD OF DEPARTMENT

DEPARTMENT OF NEUROLOGY SANA HOSPITAL OFFENBACH

The Department of Neurology treats all diseases of the central and peripheral nervous system, as well as muscle diseases. More than 4000 patients are treated as inpatients every year. In addition, a large number of patients are treated in the central emergency room. There is also an outpatient department of neuroimmunological diseases and botulinum toxin therapy for movement disorders. In addition to neurovascular diseases, our clinical work focuses on epilepsy, multiple sclerosis and movement disorders. We have ultra-modern equipment, and five specialists in cooperation with continuing education assistants in neurology ensure a high level of medical excellence.

CURRICULUM VITAE

ad of Department, Neurology,
na Hospital Offenbach
outy Head of Department, Neurology,
na Hospital Offenbach
nior Physician, Department of Neurology,
na Hospital Offenbach
sisting Physician, Department of Psychiatry,
dt. Kliniken Frankfurt-Höchst
search Associate, Neurology Department,
ipps-Universität Marburg
dical Studies,
ipps-Universität Marburg

MEDICAL FOCUS

- Vascular Diseases of the Nervous System
- Multiple Sclerosis
- Movement Disorders

MEMBERSHIPS

- German Neurology Society
- German Stroke Society
- German Society for Clinical Neurophysiology and Functional Imaging

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Starkenburgring 66 63069 Offenbach am Main







The Neurology Department has its focus on diagnosis and treatment of movement disorders (Parkinson's Center), epilepsy (Epilepsy Center) and muscle diseases/ALS.

The department has 70 acute care beds. Here, 17 doctors, more than 35 nursing staff and functional diagnostics employees, physiotherapists and occupational therapists take care of the patients' well-being.

CURRICULUM VITAE

since 2019

	Tarrinologo g Tioopitai
2007	Traffic Medicine
2002	Certificate, "Qualified Botulinumtoxin Treatment"
2001	Deputy Head of Department, Department of
	Neurology,
	Martin-Luther-Universität Halle.
	Training Competence: Intensive Care.
2001	Optional Continuing Education:
	"Neurological Intensive Care"
2001	Postdoc: Diagnosis of Neuromuscular
	Hypoventilation Syndrome,
	and Home Ventilation Treatment
1999-2001	Capacity as Senior Physician in the Neurology
	Department,
	Friedrich-Alexander-Universität Erlangen
1998	Medical Specialist, Neurology
1996-1997	Advanced Training, Psychiatry,
	Department of Psychiatry,
	Universität Erlangen under Prof. med. Demling.
1994-1995	Advanced Training, Neuropsychiatry,
	Department of Psychiatry, Universität Erlangen
	under Dr. med. R. v. Stockert
1991-1994	Advanced Training, Neuropsychiatry,
	Universität Erlangen
	under Prof. Dr. med. B. Neundörfer
1984-1991	Medical Studies,
	Friedrich-Alexander-Universität Erlangen
	Graduation under Prof. Dr. med. B. Neundörfer.
	Topic: "Aetiologically Unclear Polyneuropathy.
	A Provisional Diagnosis?"
	Grade: magna cum laude
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	l l

Head of the Neurology Department,

Rummelsberg Hospital

MEDICAL FOCUS

- Treatment of movement disorders (esp. Parkinson's disease and spasticity)
- Home ventilation and neurological sleep medicine
- Neuromuscular diseases
- Epileptology in persons with multiple handicaps
- Neurological acute medicine and infectiology
- Clinical neurophysiology

MEMBERSHIPS

- Working Group, Home Ventilation and Ventilation Withdrawal
- DIGAB
- DMG
- German Parkinsons Society
- Society of Neurology
- Society of Muscle Diseases
- German Society of Clinical Neurophysiology
 Warding Course Batalian actions
- Working Group, Botulinumtoxin

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rummelsberg 65 90592 Schwarzenbruck







OBESITY SURGERY

Dr. med. Thomas Sonnenberg

HEAD OF DEPARTMENT

BARIATRIC- AND METABOLIC SURGERY SANA HOSPITALS DUISBURG

The Department of Bariatric and Metabolic Surgery was founded in 2012 and became the first specialist department in Germany exclusively focused on the treatment of these diseases. The objective to reach a unique level of quality was achieved very quickly due to clear structuring and a high caseload. The Head of Department has an outstanding expertise in the specialty and over 25 years of experience in the field of bariatric (obesity) surgery with over 7,000 successfully treated patients. There is close cooperation with the NRW Obesity Center Sana XL, as well as with a large number of therapists (nutritional advice, exercise therapy, psychotherapy, etc.) with a view to achieving the therapeutic goals of reducing extreme severe obesity, eliminating the accompanying diseases and stabilizing these conditions in the long term.

CURRICULUM VITAE

since 2019	Head of Department, Bariatric- and Metabolic Surgery,
	Sana Hospitals Duisburg
since 2018	Head of Department, Bariatric- and
	Metabolic Surgery,
	Sana Hospital Hürth
since 2015	Head of Department, Bariatric- and
	Metabolic Surgery,
	Sana Hospitals Dusseldorf
since 2012	Head of Department, Bariatric- and
	Metabolic Surgery,
	Sana Hospital Remscheid
2012-2016	Head of Department, General and Visceral Surgery
	Sana Hospital Radevormwald
205-2012	Head of Department, Clinic for General-, Trauma-,
	and Visceral Surgery,
	Dominikus Hospital Düsseldorf
2004	Senior Physician, Vascular Surgery,
	Dominikus Hospital Düsseldorf
1995-2004	Deputy Head of Department, Clinic for General-,
	Trauma-, and Visceral Surgery,
	Dominikus Hospital Dusseldorf
1991-1995	Senior Physician, Clinic for General-, Trauma-,
	and Visceral Surgery,
	Dominikus Hospital Dusseldorf
1988-1991	Assisting Physician, Clinic for General-, Trauma-,
	and Visceral Surgery,
	Dominikus Hospital Dusseldorf
1994-1987	Assisting Physician, Surgery,
	Evangelical Hospital Münster
1979-1984	University and Comprehensive University,
	Essen, Medical Studies
1977-1979	Ruhr Un <mark>i</mark> versity Bochum, Medical Studies
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MEDICAL FOCUS

- Specialist in Surgery
- Specialist in Visceral Surgery
- Special Visceral Surgery
- Nutritionist DGEM / DAEM
- Proctology

MEMBERSHIPS

- German Society of Surgery
- German Society of General and Visceral Surgery DGAV
- German Nutrition Society DGEM
- German Association of Surgeons BDC
- Working Group on Surgery, Bariatric Surgery CA-ADIP
- International Federation for Surgery of Obesity I.F.S.O.

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Zu den Rehwiesen 9 47055 Duisburg





The Oncology and Hematology Department is responsible for the treatment of cancer and diseases of the blood and blood forming organs. Our patient care is guided by the principles of patient-oriented medical treatment, which means we consistently focus on the quality of life of the person we treat. We are part of the Oncology Centre Duisburg. Our patients may at any time continue to be treated in our outpatient medical care centre. We not only specialise in traditional chemotherapy treatment but also in modern therapies including immunotherapy, antibody therapy and new targeted molecular drug therapies. Every single treatment plan is matched to the individual patient and their specific genetic cancer make-up.

CURRICULUM VITAE

since 01.01.2021	Head of Department Oncology / Hematology, Sana Hospitals Duisburg
since 2017	Head of Department Johanniter Krankenhaus Rheinhausen, Department for Oncology,
2013-2017	Hematology and Palliative Medicine Senior Consultant Evangelisches Krankenhaus Mülheim, Department for Hematology,
2010-2013	Oncology and Palliative Medicine Consultant University Hospital Dusseldorf, Department of Hematology, Oncology and
2001-2008	Clinical Immunology Junior Doctor and Specialist Registrar

MEDICAL FOCUS

- Lung cancer
- Cancer of the colon
- Cancer of the stomach
- Leukaemias
- Bone marrow cancer

MEMBERSHIPS

- DGHO German Society of Hematology and Medical Oncology (Deutsche Gesellschaft für Hämatologie und Medizinische Onkologie)
- ESMO European Society for Medical Oncology
- AGO Working Group Gynaecological Oncology (Arbeitsgemeinschaft Gynäkologische Onkologie)
- DGP German Society of Palliative Medicine (Deutsche Gesellschaft für Palliativmedizin)
- DGE German Nutrition Society (Deutsche Gesellschaft für Ernährung)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Zu den Rehwiesen 9 47055 Duisburg









Prof. Dr. med. Dr. med. dent. Dr. habil. Constantin Landes

HEAD OF DEPARTMENT

DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY SANA HOSPITAL OFFENBACH

Our Department of Oral and Maxillofacial Surgery (cranial-maxillofacial surgery) offers established treatment methods as well as state-of-the-art procedures in the whole spectrum of specialties in this area. Head of Department, Professor Constantin Landes, is a specialist in oral and maxillofacial surgery and facial plastic surgery. He has more than 25 years of experience in his field. We have many years of experience in treating malformations of the head and neck area, such as early ossification of the cranial sutures or cleft deformities such as cleft lip, jaw and palate. Tumours of the jaw-facial area are treated according to the latest standards within the framework of our interdisciplinary cooperation. Jaw malpositions and necessary bone displacements for correction can be pre-planned with computer assistance. Jaw displacements are corrected with nerve protection for lower lip sensitivity, with the help of the most modern bone stabilization.

CURRICULUM VITAE

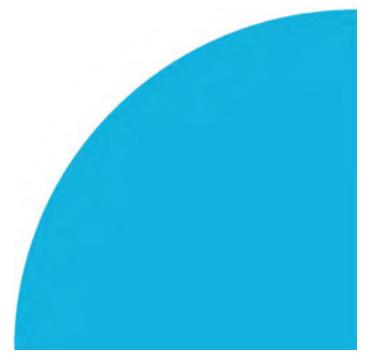
2015	Head of Department, Department of Oral and
	Maxillofacial Surgery, Sana Hospital Offenbach
2014	Inpatient section, Oral and Maxillofacial Surgery,
	Sana Hospital Offenbach
2012	"Invited professor" at Chang-Gung Memorial
	Hospital Taipei-Linkou, Taiwan
2012	Adjunct Professor Department of Oral and
	Maxillofacial Surgery, Goethe Universität
	Frankfurt am Main
2012	Acting Director, Department of Oral and
	Maxillofacial Surgery Clinic, Goethe Universität
2010	"Invited Professor", University of Sao Paolo, Brazil
2010-2012	"Invited professor" at Uppsala University, Sweden
2009	Internship, Prosper Hospital Recklinghausen
2009	loco secundo for the W-2 Professorship at the
	Department of Oral and Maxillofacial Surgery,
	Johannes Gutenberg Universität Mainz
2008	Expertise, Digital Volume Tomography (DVT)
2008-2011	Deputy Head of Department, Acting Professorship
2007	Managing Senior Physician, Universitätsklinik-
	Standort Stiftung, Friedrichsheim
2006	Authorization to teach, Oral and
	Maxillofacial Surgery
2006	Postdoctoral Qualification, Oral and
	Maxillofacial Surgery
	\
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MEDICAL FOCUS

- Mandibular Joint surgery: no. 1 in Germany
- Malformation Surgery
- Cleft palate/lip/jaw
- Syndromes and jaw malpositions (dysgnathia)
- · Reconstructive tumor surgery

CONTACT ADDRESS

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ORTHOPEDICS

Dr. med. Stefan A. Höllriegl

HEAD OF DEPARTMENT

ORTHOPEDICS - SURGICAL AND CONSERVATIVE SPINAL THERAPY SANA DREIFALTIGKEITS-HOSPITAL COLOGNE

CURRICULUM VITAE

since 2010 Head of Department, Sana Dreifaltigkeits-Hospital Cologne since 2018 Capacity as Medical Director 2004-2010 Senior Physician in the Orthopedic Specialist Department at the Marienkrankenhaus Düsseldorf -Kaiserswert (since 2006 Deputy Head of Department), CA PD Dr. Steffens, June 2000-2004 Medical Specialist for Orthopedics and Trauma Surgery Training as Medical Specialist, hospital of Augustinerinnen, Orthopedics Department, since 2004 Capacity as Senior Physician, CA Professor Dr. A. Karbowski Medical Specialist, Orthopedics 2004 1998-2000 Continuing Education, Surgery, Trauma Surgery, Vascular Surgery, St. Franziskus Hospital Köln, Surgical Department CA PD. Dr. R. Wenzel first year Resident, St. franziskus Hospital, 1997-1998 Orthopedics Department, CA Professor Dr. G. Biehl 1990-1997 Study in Human Medicine, Johannes Gutenberg Universität Mainz Graduation, "Dr. med." Title, Resiliency of 1997 Children with Acyanotic Cardiac Defects, with Professor Dr. B. K. Jüngst

MEDICAL FOCUS

 Knee and hip joint endoprosthetics, special hip joint surgery, complex replacement endoprosthetics

MEMBERSHIPS

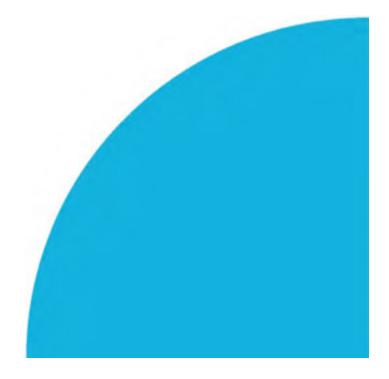
- Working Group, Endoprosthetics (AE)
- Association of Leading Orthopedists (VLOU)
- Member of the German Society of Orthopedics and Orthopedic Surgery (DGOOC)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Aachener Straße 445-449 50933 Köln









ORTHOPEDICS

Prof. Dr. med. Sven Shafizadeh

HEAD OF DEPARTMENT

ORHTOPEDICS-SURGICAL AND CONSERVATIVE SPINAL THERAPY SANA DREIFALTIGKEITS-HOSPITAL COLOGNE

Professor Dr. Sven Shafizadeh is a specialist in sport trauma management and trauma surgery. The Specialist Sports Trauma Management and Trauma Surgery Department under the direction of Head of Department, Professor Dr. Sven Shafizadeh, enjoys an excellent reputation as a Centre of Excellence for sports injuries sustained by professional and recreational sportsmen and sportswomen in the whole of Germany. The team under the guidance of Head of Department, Professor Dr. Sven Shafizadeh, and Consultants, Dr. Christoph Offerhaus and Dr. Sebastian Leutheuser, offers the whole range of state-of-the-art and gentle minimally invasive forms of treatment. We treat meniscus, cruciate ligament, cartilage and patella injuries along with tendon injuries and leg deformities. The Department is a knee centre officially recognised by the German Knee Society (Deutsche Kniegesellschaft, DKG) and its surgeons are certified knee surgeons. It is also a cooperation partner to the Rheinland Olympic Training Centre and the German Sport University Cologne (Deutsche Sporthochschule Köln).

CURRICULUM VITAE

since 2018	Head of Department, Department of Special Sport Traumatology and Trauma Surgery
since 2018	Head of specialty area in outpatient/day surgery, orthopedics, Med360Grad AG
2011-2018	Division Head, sport traumatology and reconstructive joint surgery, Clinic for Orthopedics,
	Trauma Surgery, and Sport Traumatology - Cologne-Merheim Hospital
2009-2011	Senior Physician, Department for Orthopedics, Trauma Surgery, and Sport Traumatology - Cologne-Merheim Hospital
2008	Specialist Designation, Special Trauma Surgery
since 2007	Medical Specialist Exam, Orthopedics and Trauma Surgery
2006-2008	Specialist, Department for Orthopedics, Trauma Surgery, and Sport Traumatology - Cologne-Merheim Hospital
since 2006	Medical Specialist Exam, Surgery
2004-2006	Assisting Physician, Department for Orthopedics, Trauma Surgery, and Sport Traumatology - Cologne-Merheim Hospital; Chair / Professorship
	in Trauma Surgery and Orthopedics at the
2002-2004	University of Witten/Herdecke Assisting Physician, 2nd Professorship in Surgery, University of Cologne, Cologne-Merheim Hospital
since 2002	Emergency Physician, City of Cologne
since 2002	Emergency Physician, rescue helicopter Christof 3
2000-2001	Medical Internship, 2nd Professorship in Surgery, University of Cologne, Cologne-Merheim Hospital

MEDICAL FOCUS

- Anterior cruciate ligament surgery
- · Posterior cruciate ligament surgery
- MPFL Replacement Surgery
- Complex interventions on the femoral / trochlear groove including trochlear plastics
- Correctional osteotomy
- Meniscus surgery

MEMBERSHIPS

- German Society for Arthroscopy
- · German Society for Orthopedics and Trauma Surgery
- BVASK

CONTACT ADDRESS

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Aachener Straße 445-449 50933 Köln





The main focus and compentence of the Department of Orthopedic Surgery of the Lower Extremities and Endoprosthetics is in the joint-preserving and replacement surgical treatment of deformities and wear-related diseases, mainly of the hip and knee joint. Feedback from rehabilitation hospitals shows that Prof. Dr. Drescher's patients achieve excellent mobility more quickly. In knee TEP operations, highly accurate navigation ensures that the surgeon reaches his goal more safely, and that the ideal position of the prosthesis is achieved. In order to reach the hip joint, Prof. Dr. Drescher uses the minimally invasive anterior approach (DAA) with an incision length of 6-8cm, which does not involve the detachment or severing of muscles. The fast-track mobilization makes it possible for the patient to take the first steps with the artificial hip on the day of surgery.

CURRICULUM VITAE

2001 1997-2000

1991-1997

since 2014	Head of Department, Department of Orthopedic Surgery of the Lower Extremities and
	Endoprosthetics,
2013-2014	Rummelsberg Hospital Head of Department, Orthopedics and Spinal
2013-2014	Surgery,
	Agaplesion Ev. Bathildiskrankenhaus Bad Pyrmont
2011	Recognized as Adjunct Professor at
	the RWTH University Aachen
2009-2013	Section Head, Joint Center, Orthopedic
	Department,
	University Hospital Aachen
2008-2009	Senior Physician, Orthopedic Department,
	Regional Hospital, Holstebro, Denmark
2007-2008	Senior Physician, Department of Trauma Surgery,
0007	University Hospital, Trondheim, Norway
2007	Medical Specialist, Orthopedics and
2006-2007	Trauma Surgery Assistant Physician,
2000-2007	Orthopedic University Hospital, Frankfurt am Main
2005	Postdoc.
2000	University Hospital, Schleswig-Holstein,
	Kiel. Thesis: "Experimental Examination on the
	Effect of Methylprednisolon on Blood Flow
	in the Hip"
2005	Medical Specialist, Orthopedics
2001-2006	Assistant Physician,
	University Hospitals Kiel and Hamburg

Dr. Phil. (Ph.D.) University of Aarhus, Denmark

University Hospital Århus

Studies in Human Medicine, Heinrich-Heine-Universität Düsseldorf

Assistant Physician, Department of Orthopedics,

MEDICAL FOCUS

- Minimally-invasive hip endoprothetics
- Knee endoprosthetics with navigation
- · Joint preserving operations under femoral head narcosis
- Knee repositioning operations
- Hip repositioning operations

MEMBERSHIPS

- ARCO (Association Research Circulation Osseous)
- VLOU Bavaria
- International Expert Group: Early Hip Intervention Board, AVN Board
- German Society for Orthopedics and Trauma (DGOU)
- German Society of Orthopedics and Orthopedic Surgery (DGOOC)
- German Society of Endoprosthetics (AE)
- Association of Leading Orthopedists and Träume Surgeons (VLOU)

CONTACT ADDRESS

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Rummelsberg 71 90592 Schwarzenbruck





Our Department has been recognized as a center for alternating and special endoprosthetics, and septic revision endoprosthetics. The main focus of the center is special endoprosthetics of the hip and knee joint. We deal with difficult conditions in artificial joint operations, such as replacement operations after previous replacements. Often additional replacement operations of the subsequent bones are necessary (partial pelvic replacement, femur replacement, partial tibia replacement). Infected artificial joints require a special methodology. Here we are particularly specialized in therapies in case of antimicrobial resistance ("multidrug resistant bacteria"). Defects are treated with specially developed implants. If the available implant systems no longer meet the complex requirements, we manufacture special implants specially adapted to the individual patient. Based on the values of a 3D CT of the region in question, a 3D printer made of titanium produces the special custom-made prosthesis. The necessary plastic replacement operations of the endoprosthetics are carried out by us, the physicians, personally. Among these, for example, are skin transplants, pedicled muscle flap plastics, or bone transplants from our own certified bone bank. Due to a system of logistics adapted to such special situations, solutions are always available, even in extremely difficult situations.

CURRICULUM VITAE

2019	Director of the Center for Artificial and Special Endoprosthetics, Septic Revision Endoprosthetics,
	Rummelsberg Hospital
since 2010	Head of Department, Artificial and Special
	Endoprosthetics, Septic Revision Endoprosthetics
2008-2010	Senior Physician, Department of Artificial and
	Special Endoprosthetics, Septic Revision
	Endoprosthetics
2006-2008	Head of Department, Trauma Surgery,
	Frankenwaldklinik Kronach / Oberfranken
2000-2006	Senior Physician,
	Orthopedic-Traumatologic Center,
	Parkklinik Leipzig
1995-2000	Assissting Physician, Trauma Surgery,
	Klinikum Garmisch-Partenkirchen
1992-1995	Assisting Physician, General Surgery,
	Knappschafts-Krankenhaus Dortmund

MEDICAL FOCUS

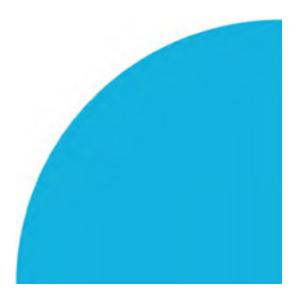
- Endoprosthetic replacement
- Special endoprosthetics
- Septic endoprosthetics
- Special 3D printer prosthetics
- Revision surgeries

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rummelsberg 71 90592 Schwarzenbruck







At the first certified Maximum Care Center for Foot and Ankle Surgery (ZFSmax) in Germany, we offer comprehensive and innovative operative and non-operative therapy of foot and ankle problems for patients of all ages. Here, all standard methods and innovative methods such as gait analysis, pedography (distribution of force under the sole of the foot) including intraoperative pedography, 3D X-ray imaging while standing with PedCAT, computer-supported correction analysis and planning are used for diagnosis, planning and therapy. Many of these innovative methods were researched and co-developed by us. Rummelsberg is the first center worldwide that has been performing matrix-associated stem cell transplantation (MAST) or autologous matrix-induced chondrogenesis with autologous conditioned plasma (AMIC+ACP) for more than 10 years. Within the scope of his foot surgery activities, Prof. Richter has performed more than 10,000 operations with more than 100,000 procedures. Prof. Richter is especially proud that he has been able to improve some surgical methods in foot surgery by developing new methods and/or implants (e.g. A3®, RIMBUS®, R-Lock®). These innovations are of course based on structured and guideline compliant standard foot surgery care.

CURRICULUM VITAE

2011	Head of Department, Department of Foot and Ankle Surgery,
	Rummelsberg Hospital,
	Sana Hospital Nuremberg
2010-2011	Head of Department, Trauma Surgery,
	Orthopedics and Foot Surgery,
	Klinikum Coburg and
	Hennberg-Kliniken Hildburghausen
2006-2010	Head of Deparment,
	II. Surgical Hospital
	(Trauma Surgery, Orthopedics and Foot Surgery),
	Klinikum Coburg
2006	Appointment to Adjunct Professor at the
	Medizinischen Hochschule Hannover
2003-2006	Senior Physician at the
	Trauma Surgery Hospital, MHH
2002	Postdoc, "Origin, treatment and prevention
	of metatarsal fractures. Clinical, accident-based
	and experimental studies."
2002	Graduate, Studies in Business Administration
	for Physicians, with Graduate Title
	"Dipl Gesundheitsökonom Oec. med"
1998-2003	Assistant Physician at the
	Trauma Surgery Hospital, MHH
1997-1998	Practicing Physician, Trauma Surgery Clinic at the
	Medizinischen Hochschule Hannover (MHH)
1996	Graduation: "Kinesiological Studies on
	Gait Analysis with Tracers,"
	Albert Ludwigs Universität Freiburg im Breisgau
1000 1000	(Grade: "magna cum laude")
1990-1996	Studies in Human Medicine,
1005 1000	Universität Freiburg
1995-1996	Practical Year (PJ) in Orthopedics,
	Depar <mark>t</mark> ment of Orthopedic Surgery,

University of Pittsburgh, USA

MEDICAL FOCUS

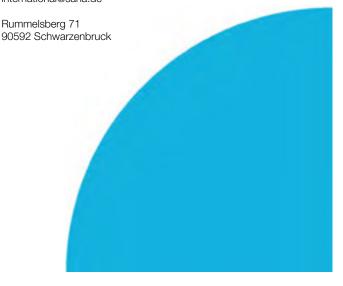
- Hallux Valgus
- Flat feet
- · Achilles heel
- Endoprosthetics
- Ankle

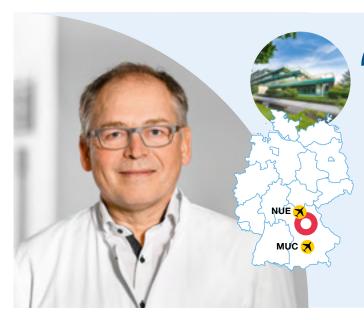
MEMBERSHIPS

- International WBCT Society
- International Federation of Foot and Ankle Societies (IFFAS)
- European Foot and Ankle Society (EFAS)
- German Foot and Ankle Association (DAF)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de







ORTHOPEDICS

Prof. Dr. med. habil Richard Stangl

MEDICAL DIRECTOR, HEAD OF DEPARTMENT

DEPARTMENT OF TRAUMA-, SHOULDER- AND RECONSTRUCTION SURGERY, SPORTS MEDICINE AND SPORTS TRAUMATOLOGY, RUMMESLBERG HOSPITAL







Under the direction of Prof. Stangl, Orthopedics in Rummelsberg has been on the Focus List for years (Focus Top National Hospital Orthopedics 2013-2019). The team deals with the consequences of accidents on all parts of the body in patients of all ages, and at any time following an accident. All standard methods are used for diagnosis and therapy, including intraoperative 3D imaging, navigation, arthroscopic, endoprosthetic, biological augmentation procedures, microsurgical techniques as well as cartilage and bone cell transplants. Individual techniques or implants have been developed and biomechanically tested by our team. As a local trauma center, the department is a founding member of the Trauma Network Middle Franconia. As a knee center, we specialize in the fields of sports orthopedics, traumatology, accident-related endoprosthetics and axis correction (osteotomy) and carry out particularly complex operations here. Shoulder and elbow surgery has been an established speciality for decades. Here we offer the broad spectrum of endoprosthetics for shoulder and elbow and specialize in joint arthroscopy.

CURRICULUM VITAE

since 2010	Medical Director, Department of Orthopedic and Trauma Surgery,
2010	Rummelsberg Hospital Recognition, Special Orthopedic Surgery
2006	Awarded the title "Medical Specialist for Orthopedics and Trauma Surgery with Special Trauma Surgery"
2006	Awarded the title "Adjunct Professor", Friedrich-Alexander-Universität Erlangen-Nürnberg
2005	Head of Department, Department of Trauma Surgery, with a focus on endoprosthetics,
	shoulder surgery and hand surgery, Department of Orthopedic- and Trauma Surgery,
2000-2002	Rummelsberg Hospital Senior Physician, Department of Hand and Plastic Surgery,
1999-2005	University Surgical Department, Erlangen Deputy Head of Department, Trauma Surgery, University Surgical Department, Erlangen
1999	University Surgical Department, Erlangen Senior Physician, Department of Trauma Surgery, University Surgical Department, Erlangen
1996	Recognition, Subfield of Trauma Surgery
1994	Recognition as Surgeon with Specialist Designation Radiological Diagnostics and Sonography
1988-1995	Assistant Physician, Friedrich-Alexander-Universität, Erlangen-Nürnberg
1989	Graduation; Topic: "Regional Chemotherapy of

Colorectal Liver Metastases" - magna cum laude

Friedrich-Alexander-Universität Erlangen

Medical Studies,

1982-1988

MEDICAL FOCUS

- Treatment of fractures
- Shoulder surgeryEndoprosthetics
- Sports injuries
- · Cartilage-, meniscus-, and cruciate ligament replacement
- Cruciate ligament treatment (Ligamys)

MEMBERSHIPS

- German Association of Shoulder and Elbow Surgery (DVSE)
- German Surgery Society (DGC)
- German Trauma Surgery Society (DGU)
- Shoulder Center of the DVSE
- German-Turkish Physician Association

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rummelsberg 71 90592 Schwarzenbruck





The focus of the Department of Pediatric and Neuro-Orthopedics is the integration of the latest minimally-invasive and reconstructive surgical procedures with specialized early mobilization and innovative orthotic and rehabilitative care concepts. The intensive cooperation of specialists in pediatric and neuro-orthopedics, neuropediatrics, neurology, therapists and orthopedic and rehabilitation technicians for each individual patient is a prerequisite for successful treatment. The department features, among others: CT-guided thermocoagulation of the osteoid osteoma, in-house orthopedic workshop and shoe technology, conservative and operative treatment of patients with infantile cerebral palsy, including botulinum toxin therapy, an Interdisciplinary Center for the treatment of people with multiple disabilities in cooperation with the Neurology Department (special hospital rooms with video surveillance and monitoring units and EEG recording).

CURRICULUM VITAE

since 2018

Head of Department, Department of Pediatric-, Adolescent- and Neuro-Orthopedics, Rummelsberg Hospital

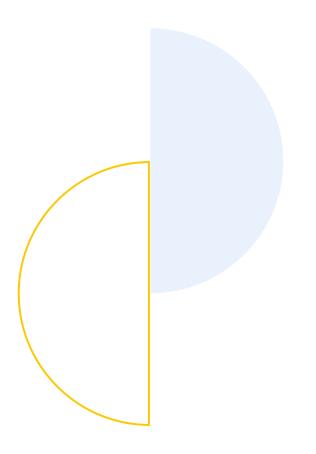
MEDICAL FOCUS

- Hip dysplasia and hip dislocation in children
- Clubfoot, pes planovalgus, and other foot deformities
- Hip joint diseases e.g. Morbus Perthes and epiphyseal separation
- Muscle shortening, foot- and hand deformities
- Cerebral pareses, muscle diseases, arthrogryposis

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rummelsberg 71 90592 Schwarzenbruck









Prof. Dr. med. Andreas M. Halder

MEDICAL DIRECTOR

OPERATIVE ORTHOPEDICS SANA HOSPITALS SOMMERFELD (BERLIN)







The Department of Operative Orthopedics has specialized in artificial joint replacement for 30 years. Today we are the center for joint replacement in Berlin and Brandenburg, placing over 2,500 implants per year. We are also one of the leading hospitals in Germany. An EndoCert accreditation as a maximum care center for endoprosthetics, issued by the German Society of Orthopedics and Orthopedic Surgery (DGOOC), confirms the high quality of care provided here, the largest center for endoprosthetics. We primarily perform hip and knee replacements, but also carry out replacements of the shoulder, elbow and ankle joints. We also perform revision surgery to replace joints that have loosened or worn out over time, even for the most difficult cases. Our prosthetic joints are made of high-strength, low-wear materials such as titanium and ceramic, ensuring they function perfectly over the long term.

CURRICULUM VITAE

2015 2009	Treasurer of the German Orthopedic Society Chairman of the Orthopedic Guidelines Committee of the German Orthopedic and Traumatology Society, head of the Orthopedic
	Association of Brandenburg
2005	Leading the Sana Board of Directors in
	Orthopedics and Traumatology
2004 / 2011	Head of Medical Quality Control of
	the State of Brandenburg
2013	Professor
	(Otto-von-Guericke University Magdeburg)
2004	Habilitation and Assistant Professor
	(Otto-von-Guericke University Magdeburg)
2001	Medical Director of the Department for Joint
	Replacement (Sana Hospital Sommerfeld)
1998-1999	Studies in the field of shoulder biomechanics and
	rotator cuff at the Orthopedic Biomechanics
	Laboratory (Mayo Clinic in Rochester,
	Minnesota, USA)
1997	Specialization in orthopedic surgery
1001	opoolalization in orthopeulo surgery

(Freie Universität Berlin)

MEDICAL FOCUS

- Primary knee replacement
- Primary hip replacement
- · Revision knee, hip and shoulder replacement
- Athroscopic shoulder and knee surgery
- Primary shoulder replacement

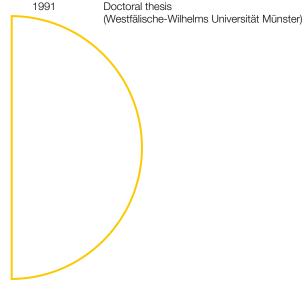
MEMBERSHIPS

- German Orthopedic Society DGOOC
- Advisory board of the government GBA

CONTACT ADDRESS

T: +49 30 6290110 - 232 international@sana.de

Waldhausstraße 44 16766 Kremmen







PALLIATIVE CARE

Dr. med. M. Sc. Christiane Gog

HEAD OF DEPARTMENT

DEPARTMENT OF PALLIATIVE MEDICINE SANA HOSPITAL OFFENBACH

The Department of Palliative Medicine consists of a palliative ward and the outpatient palliative team under the direction of the Head of Department, Dr. Christiane Gog, M.Sc. Especially in case of advanced illnesses, special medical care and nursing is necessary and should take place outside of the usual hospital environment. Sana Hospital Offenbach features a palliative ward with 10 beds. The center of the ward consists of a living room and common kitchen with access to an outside terrace. An important part of the overall concept is the fact that relatives are able to stay overnight with the patients. However, it is also possible to fall back on all hospital treatment options at any time. The objectives of outpatient palliative care are: a humane approach to dying and death and the preservation of autonomy and dignity of the seriously ill and dying in their home environment. This includes, among other things, competence of the treating physician in symptom control and treatment of the patient in the environment of his or her choice. The area covered by the services of the outpatient palliative care team has the population of approximately 500,000 people.

CURRICULUM VITAE

1996

2019	Head of Department, Palliative Medicine
2017-2019	Head of Section, Palliative Medicine,
2012-2017	Department of Anesthesiology Medical Management, Palliative Medicine,
2012 2011	UCT Universitätsklinik Frankfurt am Main
2011-2012	Senior Physician, Department of General and
	Visceral Surgery,
	Universitätsklinik Frankfurt am Main
2011	Specialist, General Medicine with
	Additional Qualification in Palliative Medicine
2009-2011	Assisting Physician, Institute for General Medicine,
	Universitätsklinik Frankfurt am Main
2007-2009	Chief Resident, Internal Medicine,
	Universitätsklinik Frankfurt am Main
2007-2009	Master's Studies, Palliative Medicine
2004-2007	Chief Resident, Department of General and
	Visceral Surgery,
	Universitätsklinik Frankfurt am Main
1996-2004	Assisting Physician, Department of General
	and Visceral Surgery,
	Universitätsklinik Frankfurt am Main
1995-1996	Practicing Physician, Department of General
	and Visceral Surgery,
	Universitätsklinik Frankfurt am Main
1997	Doctorate

License to Practice Medicine

MEDICAL FOCUS

- Pain Therapy
- Psycho-oncology
- Ethics consultant

MEMBERSHIPS

- German Society of Palliative Medicine
- State Working Group, Palliative Care (state of Hessen)
- Association of Specialists, SAPV Hessen
- Working Group, Internal Oncology
- · Working Group on Surgery, Oncology
- European Neuroendocrine Tumor Society
- German Cancer Society

CONTACT ADDRESS

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Prof. Dr. med. Thorsten Rosenbaum

HEAD OF DEPARTMENT

PEDIATRICS AND ADOLESCENT MEDICINE SANA HOSPITALS DUISBURG







The Pediatrics and Adolescent Medicine Department at Sana Hospitals Duisburg treats and cares for acutely and chronically ill children from birth until they reach adulthood. The Department has four dedicated wards: the intensive care ward and the premature baby ward, the neonatal and infant ward and the ward for children and adolescents. The hospital offers a wide range of medical services covering all areas of pediatrics and adolescent medicine. The team consists of doctors, nursing staff, psychologists, physiotherapists and social workers. The children's hospital also has two beds for paediatric burns patients who they treat and care for in cooperation with BG Klinik Duisburg.

CURRICULUM VITAE

Since 04.2010	Head of the Pediatrics and Adolescent
09.2005-03.2010	Medicine Department Hospital Director, Pediatrics and Adolescent Medicine Department,
2007 2007	Märkische Kliniken GmbH Lüdenscheid Appointment as professor extraordinarius Advanced training authorisation in pediatrics and adolescent medicine
2005	Recognition of neuropediatrics specialty
2002	Appointment as lecturer C2,
	Düsseldorf University Hospital, children's hospital
2001	Habilitation and venia legendi in pediatrics and appointment as private lecturer at the Faculty of Medicine at the
	University Düsseldorf
10.2000-08.2005	Consultant in neuropediatrics, Dusseldorf University Hospital
03.1992-09.2000	Specialist training in pediatrics, Dusseldorf University Hospital
08.1993-12.1995	Postdoc position at the University of Cincinnati/USA
12.1991-01.1992 08.1990-11.1991	Working for "German Doctors", Kolkata/India Specialist training in pediatrics, Dusseldorf University Hospital
	Dusseldon onliversity nospital

MEDICAL FOCUS

- Neonatology
- Neurofibromatosis
- Neuropediatrics
- Pediatrics intensive care medicine
- Pediatric hematology and oncology
- Diabetology
- · Pediatrics gastroenterology

MEMBERSHIPS

- Sana Pediatrics specialist group (Specialist group leader)
- Society of Neuropediatrics (Gesellschaft für Neuropädiatrie) (Board member)
- Working group neurofibromatoses (Founder member)
- German Society of Pediatrics and Adolescent Medicine (Deutsche Gesellschaft für Kinder- und Jugendmedizin)
- German Society of Epileptology
- (Deutsche Gesellschaft für Epileptologie)German Society of Clinical Neurophysiology
- (Deutsche Gesellschaft für klinische Neurophysiologie)
- German Association of leading specialists in pediatrics and adolescent medicine and paediatric surgeons (Verband leitender Kinder- und Jugendärzte und Kinderchirurgen Deutschlands)

CONTACT ADDRESS

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Zu den Rehwiesen 9 47055 Duisburg







Prof. Dr. med. Tobias Tenenbaum

HEAD OF DEPARTMENT

PEDIATRICS AND ADOLESCENT MEDICINE SANA HOSPITAL LICHTENBERG (BERLIN)

The department for Pediatric and Adolescent Medicine at Sana Hospital Lichtenberg (Berlin) is the largest pediatric department of its kind in Berlin, treating about 6,200 inpatients and 17,600 outpatients annually. Special focus is placed on infectious diseases, pneumology, allergology and endocrinology, including diabetes mellitus, neuropediatrics with a large EEG department, pediatric sleep medicine, and the intensive care unit for long-term ventilated patients. Our patients benefit from state-of-the-art treatment of acute and chronic general pediatric conditions, neontal and intensiv care, diseases of the lung, the endocrine system, the gastrointestinal tract, severe infections, and care for children with burn injuries. The Head of the Department, Professor Tobias Tenenbaum, has received numerous awards especially in the field of infectious diseases and is one of Germany's renowned experts in this field. Professor Tenenbaum has gathered extensive experience not only in pediatric and adolescent medicine, but also in important neighboring disciplines such as neonatology, gastroenterology, neuropediatrics, hematology and oncology.

CURRICULUM VITAE

2021	Specialization in Pediatric Allergy
2020	Head indisciplinary Day-care-clinic
2017	Antibiotic Stewardship Specialist
2013	Associate professor in Pediatrics
2012	Specialization in Pediatric Pulmonology
2010	Habilitation (Venia legendi)
2008	Senior Physician position,
	University Children's Hospital Mannheim
2008	National certificate for the general
	"Infectious Diseases" specialization
2007	Consultant in Pediatrics
2007	Specialization Pediatric Infectious Diseases
	according to an European curriculum
2005-2007	Pediatric Infectious Diseases Fellowship of the
	German Society of Pediatric Infectious Diseases
	(DGPI)
2000	Pediatric training at the Clinic for General
	Pediatrics, Heinrich-Heine-University, Dusseldorf

MEDICAL FOCUS

- Pediatric Infectious Diseases and Pulmonology
- Pediatric Intensive Care
- Pediatric Neonatology
- Allergology

MEMBERSHIPS

- German Society of Pediatric Infectious Diseases (Secretary and Board member 2011-2017)
- German Society of Pediatric Infectious (President, currently)
- European Society of Pediatric Infectious (Treasurer 2011-2017)

CONTACT ADDRESS

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Fanningerstraße 32 10365 Berlin









Prof. (Univ. Kairo) Dr. Ahmed Hadidi

HEAD OF DEPARTMENT

DEPARTMENT OF PEDIATRIC SURGERY SANA HOSPITAL OFFENBACH

Professor (Univ. Cairo) Dr. Ahmed Hadidi, Head of the Department of Pediatric Surgery, is one of the few internationally-recognized experts in hypospadias and President of the "Hypospadias International Society."

CURRICULUM VITAE

since 2018	Head of the Department of Pediatric Surgery,
since 2007	Sana Hospital Offenbach Director of Pediatric Surgery,
31100 Z007	Emma Klinik Seligenstadt /
	GP in Pediatrics, Sana Hospital Offenbach
2007-2008	Consulting Professor,
	Universitätsklinik Mannheim
2006	Managing Senior Physician, Pediatric Surgery,
	Universität Mannheim
since 2003	Professor,
	University of Cairo, Egypt
1998-2003	Associate Professor,
	University of Cairo, Egypt
1996-2003	Director,
	Benha Childrens Hospital, Egypt
1995-1998	Private Lecturer,
	University of Cairo, Egypt
1994-1995	Managing Senior Physician,
1000 1001	Monash Medical Centre, Melbourne, Australia
1993-1994	Private Lecturer, Pediatric Surgery,
1001 1000	University Clinic Cairo, Egypt
1991-1992	Assistant Lecturer, Pediatric Surgery,
1000 1001	University Clinic Cairo, Egypt
1990-1991	Senior Physician,
	Canniesburn Plastic Surgery Hospital, Glasgow, Scotland
1989-1991	Senior Physician,
1909-1991	Great Ormond St. Hospital, London, England
1988-1989	Senior Physician,
1000 1000	Yorkhill Children Hospital, Glasgow, Scotland
1986-1988	Assistant Lecturer, Pediatric Surgery,
	University Clinic Cairo, Egypt
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MEDICAL FOCUS

• Hypospadias operations

MEMBERSHIPS

- Hypospadias International Society (HIS)
- German Society of Pediatric Surgery
- BAPS (British Association of Paediatric Surgeons)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de





Our Department of Plastic and Aesthetic Surgery at Sana Hospitals Dusseldorf (Gerresheim) has developed a national and international reputation over the years in the areas of breast surgery, especially reconstructive microsurgery with endogenous tissue, aesthetic and reconstructive facial surgery, lifting operations following massive weight loss, as well as liposuction (e.g. in lipoedema or lymphoedema), breast-compensating transgender surgery, lymph surgery, and the entire spectrum of aesthetic surgery. With more than 1,200 treatments per year, patients can be assured of care by an experienced staff, according to the latest medical standards and methods. Our extensive experience, thanks to regular utilisation of all available surgical techniques (up to 10 operations daily), allows us not only an objective and independent appraisal of our patients' personal situation, but also treatment following the most up-to-date medical findings and techniques.

CURRICULUM VITAE

since 2011	Medical Director
since 2004	Head of Department, Department of Plastic and
	Aesthetic Surgery,
	Sana Hospitals Dusseldorf (Gerresheim)
since 2003	Senior Consultant
2003	certified hand surgeon
1999	Consultant
1999	certified plastic surgeon
1995-2004	Department of Plastic and Hand Surgery,
	Surgical University Hospital, Freiburg, Germany
1994	Doctorate (Dr. med.) University of San Diego,
	San Diego, USA
1992-1994	Internship, Postdoctoral Research Fellow,
	Harvard Medical School, Boston, USA
1986-1992	Friedrich-Wilhelms-University,
	Bonn, Germany: Faculty of Medicine
1986	University of Hamburg,
	Germany: Faculty of Medicine
1985-1986	Albertus-Magnus-University.

Cologne: Chemistry



MEDICAL FOCUS

- Breast reconstruction with endogenous tissue, including implants
- Breast surgery augmentation, reduction mammoplasty, deformities, revision surgery
- Facial surgery eyelid surgery, facelifts
- Body surgery lifting/firming (abdomen, arms/legs), aspiration lipectomy
- Hand surgery
- Microsurgical lymphoedema reconstruction

MEMBERSHIPS

- German Society of Plastic, Reconstructive and Aesthetic Surgeons (Deutsche Gesellschaft für Plastische, Rekonstruktive und Ästhetische Chirurgen, DGPRÄC, formerly VDPC), full member
- German Society of Aesthetic Surgery (Gesellschaft Ästhetische Chirurgie Deutschlands e.V., GÄCD), full member
- Breast Surgery International (BSI)
- International Society of Surgery (ISS)
- German Society of Gene Therapy (Deutsche Gesellschaft für Gentherapie)

CONTACT ADDRESS

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Gräulinger Straße 120 40625 Dusseldorf







Prof. Dr. med. Henrik Menke

HEAD OF DEPARTMENT

DEPARTMENT OF PLASTIC, AESTHETIC AND HAND SURGERY AND SEVERE BURN INJURY CENTER SANA HOSPITAL OFFENBACH

All four aspects of the plastic surgery specialty are represented at Sana Hospital Offenbach, including plastic reconstructive surgery, aesthetic surgery, hand surgery and burn medicine. The associated center for severe burn injuries has been one of the largest facilities in Germany for many years and treats adults as well as children. As a member of the Center for Bariatric and Metabolic Surgery, the department has special expertise in performing reconstructive surgery after massive weight loss. Prof. Dr. Menke, Head of Department, is a specialist in surgery/plastic surgery as well as hand surgery, and has more than 25 years of expertise in the specialty. Due to his extensive experience, he is also a valued board member of several professional associations as well as advisory boards, and provides national and international expert evaluations and consultations. His personal professional focus lies in the field of breast surgery, facial aesthetics as well as formative/restorative body corrections. He runs the department with an experienced and diversely qualified team of specialists. As a specialist institution with an international reputation, Prof. Menke has over the years successfully trained international scholarship holders to become specialists.

CURRICULUM VITAE

1978-1984

since 2003	Department of Plastic-, Aesthetic-, and Hand Surgery and Severe Burn Injury Center,
2002	Offenbach Hospital Additional Designation in Hand Surgery
since 2001	APL Professor,
	Universität Mainz
2000	Research Fellowship Duke University,
	North Carolina, USA
1998-2003	Acting Director, Clinic for Plastic-, Hand-, and
	Reconstructive Surgery,
	BG Unfallklinik Ludwigshafen, University Heidelberg
1996-1998	Deputy Head of Department
1995-1998	Clinic for Plastic Surgery, Diakonie Düsseldorf
1995	Postdoctoral Qualification, venia legendi insurgery
	at University Mainz
1992	Medical Specialist in surgery
1987-1995	Clinic for General and Visceral Surgery,
	University Mainz
1985-1986	Clinic for Surgery,
	HSK Clinic Wiesbaden
1984-1985	Department of Applied Pathophysiology,
	Universität Mainz

Universities of Mainz and Frankfurt

Medical Studies,

MEDICAL FOCUS

- Breast operations
- Body-forming interventions
- Aesthetic facial surgeries
- Reconstructive plastic surgeries
- Burn medicine cases

MEMBERSHIPS

- Member of the Board, State Chairman, DGRPÄC (German Society of Plastic-, Aesthetic- and Reconstructive Surgery)
- Past President, DGV (German Society for Burn Medicine)
- Senior Member, VDÄPC (Union of German Aesthetic and Plastic Surgeons)

CONTACT ADDRESS

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Dr. med. Birgit Hildebrandt

SPECIALIST IN INTERNAL MEDICINE

SANA PRAEVENTION SANA HOSPITAL LICHTENBERG (BERLIN)

With Sana Praevention, the Sana Hospitals offer their patients internal preventive medicine of the highest quality. Dr. Hildebrandt and Sana Praevention have been active in the field of preventive medicine for many years and thus know exactly what domestic and international patients expect and need in the context of a check-up. Sana Praevention stands for individually tailored preventive programs which are more than just a medical check-up for the body. At the Berlin location, comprehensive preventive medicine is offered in an exclusive practice environment. In close cooperation with specialist departments of the Sana Hospital Lichtenberg, patients normally receive all selected examinations within one day. All results are collected by Dr. Hildebrandt providing an exact picture of the patient's state of health and any risk factors that may exist. The motto "Time for health" - at Sana Praevention - means that each patient receives as much time for discussion and personal consultation as he or she needs in order to begin a healthier life immediately.

CURRICULUM VITAE

since 2019	Head Internist, Sana Praevention Berlin; Medical Director, Sana Praevention (all centers)
2009-2019	Head Internist, HELIOS Praevention Center (HPC) Berlin and Medical Director, HPC (all centers)
2004-2009	Internal and Preventive Medicine Practice, Oberstdorf/Allgäu
2004	Specialist Exam, Internal Medicine,
	Bayerische Landesärztekammer
	(Bavarian State Medical Board)
1999-2004	Specialist Training, Klinikum Kempten/OA,
	Department of Hemato-Oncology
1995-1999	Specialist Training, Internal Medicine,
	Städtischen Kliniken Düsseldorf
1989-1995	Medical Studies,
	Heinrich-Heine-University Düsseldorf
1988-1989	Medical Studies, Philips-University Marburg
1986-1988	Studies in Economics,
	Ruhr-University Bochum

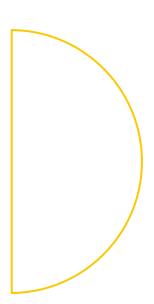
MEDICAL FOCUS

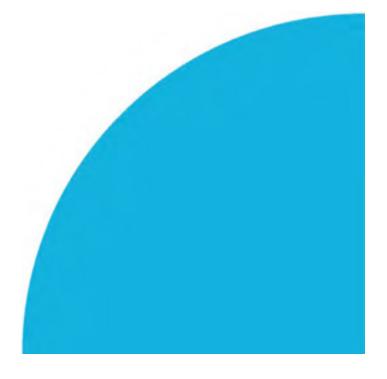
- Long-term, extensive experience in preventive medicine
- Integration of all specialties into a comprehensive treatment regime

CONTACT ADDRESS

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Fanningerstraße 32 10365 Berlin









PREVENTION / CHECK UP

Dr. Kirsten Schneider

CHIEF PHYSICIAN

SANA PRAEVENTION SANA HOSPITAL OFFENBACH

CURRICULUM VITAE

since 2020 Medical Director, Sana Praevention Offenbach/ General Practitioner, Internal Medicine,

Outpatient Center, Sana Hospital Offenbach

2019-2020 Specialist in Internal Medicine, Medical Clinic I, Sankt Katharinen Hospital, Frankfurt

2019 Physician, Clinic for Interdisciplinary Emergency

Medicine,

Sana Hospital Offenbach

2019 Recognition as Specialist in Internal Medicine 2014-2018 Assistant Physician / Advanced Training,

Medical Clinic II,

Sankt Katharinen Hospital Frankfurt

2013 Doctoral Qualification2013 License to Practice Medicine

2006-2013 Medical Studies,

Johann Wolfgang Goethe University,

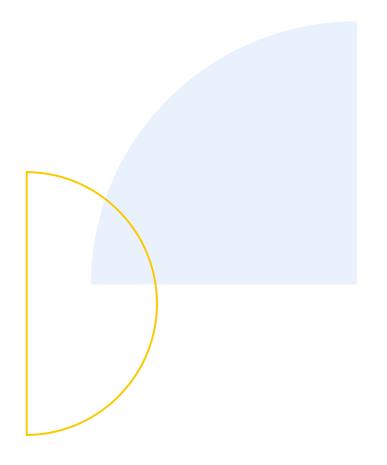
Frankfurt am Main

MEDICAL FOCUS

• Check-ups

CONTACT ADDRESS

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PREVENTIVE MEDICINE

Marina Hergenröder

CHIEF PHYSICIAN

SANA PRAEVENTION SANA HOSPITALS DUSSELDORF

Preventive medicine sets in even before the outbreak of a disease. The goal is to identify risk factors and to prevent diseases through a targeted lifestyle modification. The preventive program of Sana Praevention does not only focus on traditional preventive medical checkups, such as colon, prostate, skin and breast cancer prevention, but also on lifestyle-oriented programs, which, for example, are based on the latest findings of stress medicine. We especially value detailed consultation and diagnostic discussions. In this way, we are able to provide the check-up participant with a customized guide to staying healthy in his or her individual situation. The examinations at the Dusseldorf location are carried out by Marina Hergenröder. She is not only a specialist for internal medicine, but also for cardiology. In our modern facilities with an exclusive character at Sana Hospital Gerresheim, she carries out preventive medical checkups far away from the classical clinic routine.

CURRICULUM VITAE

since 03.2020	Chief Physician, Sana Praevention Dusseldorf
08.2018 - 2020	Chief Physician

08.2018 – 2020 Chief Physician,

Helios Prevention Center Siegburg
2018 – 08.2018 Cardiologist, Herzzentrum Niederrhein
2018 Degree as a specialist for cardiology
2014 – 2018 Specialization in cardiology,

Specialization in cardiology Herzzentrum Niederrhein /

Helios Klinikum Krefeld

2014 Degree as a specialist for internal medicine 2009-2014 Assistant physician in further training as a

specialist in internal medicine,

Medizinische Klinik I, Helios-Klinikum Krefeld

2001-2008 Study of medicine,

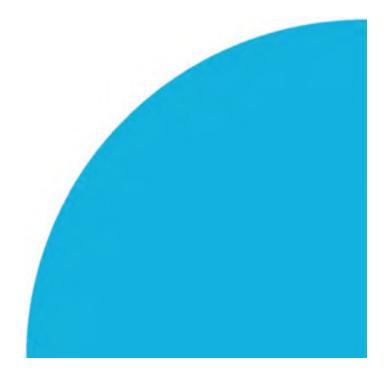
Heinrich-Heine-University Düsseldorf

CONTACT ADDRESS

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Gräulinger Straße 120 40625 Dusseldorf









RADIO THERAPY

Prof. Dr. med. Peter Niehoff

HEAD OF DEPARTMENT

DEPARTMENT OF RADIATION THERAPY SANA HOSPITAL OFFENBACH

The Department of Radiation Therapy has two new Varian linear accelerators and offers all forms of percutaneous radiation therapy. By means of a modern surface scanning system from Vision RT, respiration-triggered irradiations are standard in the department. It is the first department in Germany to introduce procedures without skin markings. In addition, two HDR afterloading remote machines and an Orthovolt device are available. Prof. Niehoff and his team, consisting of four Senior Physicians and two Assistant Physicians, treat about 1,500 patients per year. As an internationally recognized specialist for brachytherapy, Prof. Niehoff and Dr. Maximenko are specialized in the treatment of prostate, breast and cervical cancer. The Senior Physician, Dr. Hey-Koch, specializes in lung, head and neck tumors. A very experienced team of medical physicists under the leadership of Dr. Milickovic supports the work of Prof. Niehoff.

CURRICULUM VITAE

since 2016	Head of the Department of Radiation Therapy
2011-2016	Head of Department,
	Radiation Therapy Department,
	Cologne
2005-2011	Senior Physician, Head of the Brachytherapy
	Department for Radiation Therapy,
	UKSH Campus Kiel
2002-2005	Medical Specialist for Radiation Therapy,
	UKSH Campus Kiel
1995-2002	Assisting Physician, Clinic for Radiation Therapy,
	UKSH Campus Kiel

MEDICAL FOCUS

- Brachytherapy prostate, breast, cervix, head and neck
- Breath-triggered radiation therapy
- Tattooless radiotherapy
- Stereotactic treatment of metastases

MEMBERSHIPS

- DEGRO Working groups: prostate, brachytherapy, S3 prostate guidelines
- BVDST Representative, S3 guidelines cervix CA, corpus CA, ovarial CA
- ESTRO Working group in brachytherapy UroGec, breast, head, and neck

CONTACT ADDRESS

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Dr. med. Martin Schlunz-Hendann

HEAD OF DEPARTMENT

RADIOLOGY AND NEURORADIOLOGY DEPARTMENT SANA HOSPITALS DUISBURG

The Radiology and Neuroradiology Department at the Sana Hospitals Duisburg has a wide range of state-of-the-art radiology equipment. Our patients benefit from a fully digitalised department employing state-of-the-art radiology technology in their treatment. We offer imaging equipment support and vascular and CT-based interventions to a range of specialist disciplines. Our interventional neuroradiology team's reputation extends far beyond national borders. We cover the entire elective and emergency treatment spectrum for vascular diseases and vascular malformations of the central nervous system in adults, but also have a particular focus on interventional treatment options for children and infants with rare congenital cerebrovascular diseases.

CURRICULUM VITAE

since 2021	Head of Department at the Radiology and Neuroradiology Department,
2014	Sana Hospitals Duisburg Award of qualification as an Interventional Radiology/Neuroradiology DeGIR/DGNR level 2 training centre for modules A, B, C, D, E, F
2012	Qualified Interventional Radiologist/Neuroradiologist DeGIR/DGNR level 2, modules A, B, C, D, E, F
2008-2021	Senior Consultant at the Radiology and Neuroradiology Department,
	Sana Hospitals Duisburg
2008	Awarded licence to practice neuroradiology
2004-2008	Consultant at the Radiology and Neuroradiology
	Department, Sana Hospitals Duisburg
2003-2004	Specialist Registrar in advanced training/Specialist
	in diagnostic radiology at the Hospital in Duisburg
2003	Examined Specialist in diagnostic radiology
2002	Specialist Registrar in advanced training at the
	Radiology Department, Hospital in Duisburg
1999-2001	Specialist Registrar in advanced training/Specialist
	in diagnostic radiology at the Hospital in Duisburg
1997-1998	Junior Doctor at the Department for Radiology at the St. Johannes-Hospital Dortmund

MEDICAL FOCUS

- Endovascular cerebrovascular malformation therapy with shunt (arteriovenous malformations, dural arteriovenous fistulas, carotid-cavernous fistulas, pial arteriovenous fistulas)
- Pediatric endovascular cerebrovascular malformation therapy (vein of Galen malformations, dural sinus malformations, arteriovenous malformations)
- Endovascular cerebrovascular malformation therapy without shunt (developmental venous anomalies, sinus pericranii)
- Endovascular brain aneurysm therapy
- Mechanical thrombectomy in acute stroke patients

MEMBERSHIPS

- Neurovaskuläres Netzwerk Ruhr e.V. (2019), Gründungsmitglied und Vorstandsmitglied
- German Neuroradiology Society
 Doute he Gospillschaft für Neuroradiology
- (Deutsche Gesellschaft für Neuroradiologie, DGNR)
- German Society of Interventional Radiology and minimally invasive Therapy (Deutsche Gesellschaft für Interventionelle Radiologie und minimal-invasive Therapie, DeGIR)
- Cardiovascular and Interventional Radiological Society of Europe (CIRSE)

CONTACT ADDRESS

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Zu den Rehwiesen 9 47055 Duisburg









SPINE SURGERY

Dr. med. Biren Desai

HEAD OF DEPARTMENT

ORTHOPEDICS – SURGICAL AND CONSERVATIVE SPINAL THERAPY SANA DREIFALTIGKEITS-HOSPITAL COLOGNE

The focus of the Department lies on surgical and conservative spine surgery: minimally invasive surgical techniques, microsurgical disc surgery, endoscopic surgical techniques, stiffening of individual spine levels.

CURRICULUM VITAE

since 2010	Head of Department,
2006	Sana Dreifaltigkeits-Hospital Cologne Deputy Head of Department, Orthopedics and Trauma Surgery, Remigius Krankenhaus
	Leverkusen-Opladen, Fosuc: Spinal Surgery
2006	Medical Specialist, Orthopedics and
	Trauma Surgery
2005	Senior Physician, Orthopedics,
	Universität zu Köln
2003	Team Leader, Spinal Surgery,
	Universität zu Köln
2002	Continuing Education as Medical Specialist,
	Orthopedics,
	Universität zu Köln
2002	Medical Specialist, Surgery
2000	Additional Designation in Chirotherapy
1996-2002	Continuing Education as Medical Specialist,
	Surgery, Klinikum Kemperhof Koblenz,
	Departments: Trauma Surgery, Vascular Surgery,
	Hand and Plastic Surgery, Visceral Surgery
1998	Full License to Practice Medicine
1996	Partial License to Practice Medicine
1989-1995	Studies in Human Medicine,
	Universität zu Bonn

MEDICAL FOCUS

- Conservative therapeudic measures
- Spondylose/Corrective spondylose
- Prosthetic disc implantation
- Nucleotomy/decompression

MEMBERSHIPS

- Professional Association of Orthopedics and Trauma Surgery (BVOU)
- Association of Leading Orthopedists and Trauma Surgeons (VLOU)
- German Spinal Society
- Professional Association of German Surgeons (BDC)
- Patient Safety Action Alliance

CONTACT ADDRESS

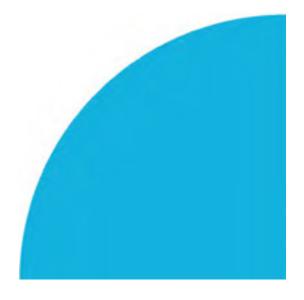
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50933 Köln









SPINE SURGERY

Prof. Dr. med. Michael Rauschmann

HEAD OF DEPARTMENT

SPINAL AND RECONSTRUCTIVE ORTHOPEDICS SANA HOSPITAL OFFENBACH



The Department of Spinal and Reconstructive Orthopedics consists of a statutory ward with about 30 beds and a private ward with 12 beds. In addition, capacity is regularly available in the local intensive care units of the children's intensive care unit as well as the intensive care unit with anesthesiological guidance. The department consists of the Head of Department and 3 Senior Physicians as well as a Specialist and 7 Assistant Physicians. Furthermore, the team includes a psychotherapist who supervises chronic pain patients within the scope of multimodal pain therapy. The treatment spectrum covers the entire range of spinal diseases from degenerative conditions (spinal canal stenosis, spondylolisthesis, herniated disc, degenerative scoliosis), deformities (isthmic spondylolisthesis, scoliosis, kyphosis), tumors (primary malignant tumors, benign tumors and metastases), infections and injuries, especially of the elderly. Furthermore, we have great expertise in the field of revision surgery. Foot surgery as well as hip endoprostheses are mainly performed within the framework of reconstructive spinal orthopedics. The department operates two surgical theatres 4 days a week. These are equipped with the most modern operating microscope and three-dimensional intraoperative X-ray imaging as well as a state-of-the-art navigation system. Another focus of the department is the conservative therapy of the spine offering all common interventional procedures. Each of the above-mentioned clinical features is available daily at special consultation hours. All common and necessary diagnostic facilities (MRI, CT, spinal radiography) are available to the patients at the department for prompt preparation of images.

CURRICULUM VITAE

since 2017	Head of Department, Sana Hospital Offenbach
1994-2017	Orthopedic Uniclinic Friedrichsheim GmbH,
	Frankfurt am Main
2017	Pediatric Orthopedics
2017	Orthopedic Rheumatology
2010	Adjunct Professor
2005	Postdoctoral Qualification
2000	Physical Therapy
2000	Special Orthopedic Surgery
1998	Medical Specialist in Orthopedics
1996	Chirotherapy
1995	Sports Medicine
1994	License to Practice Medicine
1994	Surgery, Nordwest Hospital Ffm
1994	Trauma Surgery, Nordwest Hospital Ffm

MEDICAL FOCUS

- Degenerative Pain (spinal canal stenosis, spondylolisthesis, herniated discs, degenerative scoliosis)
- Deformities (isthmic spondylolisthesis, scoliosis, kyphosis)
- Tumors (primary malignant tumors, benign tumors and metastases)
- Revision surgery
- Trauma

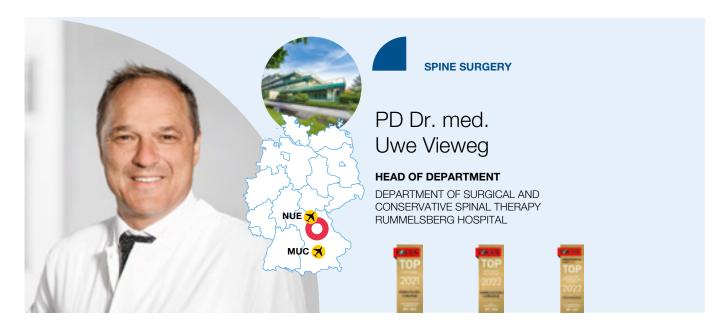
MEMBERSHIPS

- German Spinal Society (DWG)
- German Professional Association of Orthopedics and Trauma Surgery (BVOU)

CONTACT ADDRESS

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The department is staffed by specialists in neurosurgery, orthopedics/accident surgery, neurology and neuro-urology. This results in a broad spectrum of treatment. The focus is on the surgical treatment of degenerative cervical and lumbar spine diseases of various degrees of severity. Further focal points are the treatment of spinal fractures and spinal tumors as well as spinal deformity surgery. Revision- and scoliosis surgery is nationally recognized. Conservative spinal therapy is offered in three different programs: basic program (3-4 days), intensive program (14 days) and multimodal pain therapy (10 days). The Paraplegic Center is integrated into the overall structure of the department, under the direction of Dr. Matthias Ponfick. The center features 24 beds and several monitor stations. A fully-equipped intensive care unit can also admit and care for ventilated paraplegic patients.

CURRICULUM VITAE

since 2012	Head of Department of Surgical and Conservative Spinal Therapy,
2006-2012	Rummelsberg Hospital Head of Department of Spinal Surgery Department, Leopoldina Krankenhaus, Schweinfurt
since 2008	Physician Assistance
since 2008	Physician in Rotation, Spine Surgery, New Mowasat Hospital, Kuwait
2008	Guest Professor, Spine Surgery,
since 2007	University Chisinau, Moldavian Republic
SII ICE 2001	Authorization to Teach, Specialty Neurosurgery, FAU Erlangen-Nürnberg
2004	Successful Completion of Postdoc,
	Friedrich-Schiller University, Jena
2000-2003	Friedrich-Schiller University, Jena
1992-2000	Training as Medical Specialist, Neurosurgery,
	Department of Neurosurgery,
	Friedrich-Willhelm University, Bonn
1991-1992	Training as Medical Specialist, Neurosurgery,
	Department of Neurosurgery,
	Medical Academy of Magdeburg
1988-1991	Training as Medical Specialist, Surgery,
	Department of Surgery,
	Medical Academy of Magdeburg
1988	License to Practice Medicine
1987	State Exam, Human Medicine;
	final grade "very good"
1985	Defense of Diploma thesis;
	final grade "very good" Human Medicine,

Medical Academy of Magdeburg

MEDICAL FOCUS

- Revision surgery
- Scoliosis surgery
- Minimally-invasive microsurgical spinal surgery
- Spine fractures
- Paraplegic Center / Head: Dr. med. Matthias Ponfick

MEMBERSHIPS

- German Society of Neurosurgery
- German Spinal Society
- AO Spine Europe
- European Spinal Society
- · Society of Regenerative Medicine

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rummelsberg 65 90592 Schwarzenbruck





The Spinal Surgery Department specialises in the surgical treatment of back pain and diseases of the spine. Slipped disks, spinal canal stenoses and cervical vertebral fractures are treated using established minimally invasive microsurgical spinal techniques. We offer our patients the entire spectrum of spinal revision surgery right up to and including complex spinal deformity treatment. Our experienced medical team will make sure that you are well looked after during your recovery as an inpatient. In conjunction with our nursing staff and physiotherapists we design a treatment concept that is tailored to your individual needs as a patient. At Sommerfeld you are not just surrounded by competent and experienced staff but also by stunning scenery. In the midst of nature you will be sure to relax and regain your strength.

CURRICULUM VITAE

since 2016	Head of Department, Department of Spinal Surgery
since 2011	Partial Office Based Practice for neurosurgery,
	Sana Gesundheitszentrum Schlossgarten
	Neuruppin
2011-2016	Head of the Department of Spinal Surgery,
	Sana Hospitals Sommerfeld
2007-2011	Head of the Working Group on Spinal Surgery,
	Department for neurosurgery der Charité,
	Campus Virchow Klinikum, Berlin
2004-2011	Senior Physician, Klinik für Neurochirurgie der
	Charité, Campus Virchow Klinikum, Berlin
2003	Postdoctoral Qualification
2002	Medical Specialist, Neurosurgery
1997	Graduation
1995-2002	Assistant Physician, Department for neurosurgery
	der Charité, Campus Virchow Klinikum, Berlin
1988-1995	Studies at the
	Johannes Gutenberg Universität, Mainz

MEDICAL FOCUS

- · Cervical and lumbar spine diseases
- Minimally-invasive microsurgical spinal surgery
- · Spinal deformity surgery
- Revision surgery

MEMBERSHIPS

- German Society of Neurosurgery
- German Spinal Society
- German Society of Orthopedics and Orthopedic Surgery

CONTACT ADDRESS

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Waldhausstraße 44 16766 Kremmen







The Department offers the full range of medical services for general, abdominal and thoracic surgery, from small current interventions to complex multivisceral tumor surgeries. Interdisciplinary interventions are carried out in cooperation with our specialists at Sana Hospitals Duisburg in other medical departments, except for visceral organ transplantation. Except for visceral organ transplantation. The department focuses on aspects of diseases requiring special attention and on the treatment of general surgical diseases, both at the highest level.

CURRICULUM VITAE

since 2020	Head of Department, General Surgery,
2007-2019	Sana Hospitals Duisburg Director of Surgical Department I, Hospital Ingolstadt
2005	Appointment as a visiting professor at the Heinrich-Heine University Düsseldorf
2003	Attestation of thoracic surgery specialty
2003	Deputy Director of the Department for General, Abdominal and Pediatric Surgery,
	Heinrich-Heine University Düsseldorf
2002	Senior Physician with Managerial Function of the Department for General, Abdominal and
	Thoracic Surgery
2001	Attestation of abdominal surgery specialty
2000	Senior Physician at the General Surgery Unit, University Hospital Hamburg-Eppendorf
1999	Habilitation of Assistant Professorship in Surgery University of Hamburg
1999	Acting Department Manager of General Surgery Unit,
	University Hospital Hamburg-Eppendorf
1999	Recognition as a specialist in surgery

MEDICAL FOCUS

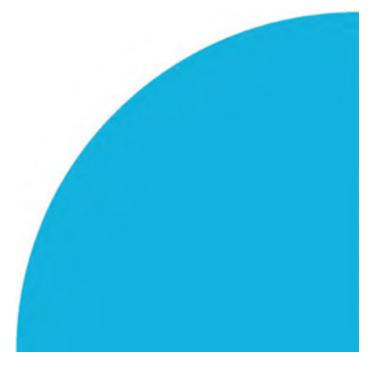
- Laparoscopic gastroesophageal reflux surgery
- Large bowel laparoscopic resection
- Minimally invasive lungs intervention
- Stomach resection
- Pancreas gland surgery
- Liver surgery

CONTACT ADDRESS

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Zu den Rehwiesen 9 47055 Duisburg









THORACIC /
LUNG SURGERY

Prof. Dr. Peter Kleine

HEAD OF DEPARTMENT

DEPARTMENT OF THORACIC SURGERY SANA HOSPITAL OFFENBACH

The Department of Thoracic Surgery diagnoses and treats the entire spectrum of diseases of the lung, pleura and mediastinum. Special emphasis is placed on benign and malignant diseases of the lung, with minimally invasive surgical procedures being a particular focus. Many lung cancer operations today can be performed as VATS lobectomies, using thoracoscopy. Keyhole surgery is also used for diseases of the thymus, diaphragm and pleura. Another focus is the treatment of malignant diseases of the chest wall. Extensive operations are also offered in cooperation with our spinal surgeons, vascular surgeons, or other specialists at Sana. The Head of Department has many years of experience and covers the entire spectrum of thoracic surgery including operations with heart-lung machines. Prof. Kleine's research focus was on minimally invasive procedures, including robotic surgery for lung cancer. There is close cooperation between the Rhein-Main Lung Center and the Pneumology Department; patients are cared for at a joint ward, among other benefits. We offer our international patients comprehensive care by an international team, which relies on the latest technology at Sana Hospital Offenbach.

CURRICULUM VITAE

since 2019	Director of the Thoracic Surgery Department,
	HSK Wiesbaden
2017-2019	Section Head, Thoracic Surgery,
	University Hospital Frankfurt
2006-2017	Senior Physician, Clinic for Heart-, Thorax- and
	Thoracic Vascular Surgery, University Hospital
	Frankfurt
2000-2005	Specialist Medical Training in Cardiac/
	Thoracic Surgery and Senior Physician duties,
	Herz-Kreislauf-Klinik Bevensen
1986-1993	Specialist Medical Training in Surgery

MEDICAL FOCUS

- Minimally invasive thoracic surgery
- Lung cancer surgery
- Operations for pleural disorders
- Operations on the mediastinum and diaphragm
- Thoracic wall operations

MEMBERSHIPS

 Member, Deutsche Gesellschaft für Thorax- Herz- und Gefäßchirurgie (German Society for Thoracic, Cardiac- and Vascular Surgery)

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de









TRAUMATOLOGY

Priv.-Doz. Dr. med. Richard Martin Sellei

HEAD OF DEPARTMENT

DEPARTMENT OF TRAUMA SURGERY AND ORTHOPEDIC SURGERY SANA HOSPITAL OFFENBACH



The main focus of our department is on traumatology and endoprosthetics. Traumatology is offered with polytrauma care, pediatric and geriatric traumatology. Here we offer 360° care with our in-house partners in neurosurgery, thoracic surgery and plastic surgery. Septic and reconstructive surgery plays an important role here. The second pillar of our department is in endoprosthetics of the large joints. Here we offer revision surgery in addition to primary implantation.

CURRICULUM VITAE

since 2014 since 2018	Head of Department, Surgery II Acting Medical Director
since 2015	Postdoctoral Qualification, RWTH Aachen
2011-2014	Deputy Head of Department,
	University Clinic for Trauma Surgery at
	RWTH Aachen
	(under the direction of
	UnivProf. Dr. med. Hans Christopf Pape)
2012	Additional Designation, Special Trauma Surger
2009-2011	Senior Physician,
	University Clinic for Trauma Surgery at
	RWTH Aachen
since 2009	Director, pelvis and hip surgery section
2008	Medical Specialist
2002-2008	Medical Specialist Training,
	University Clinic at RWTH Aachen

MEDICAL FOCUS

- Endoprosthetics and Revision Endoprosthetics for shoulder, elbow, hip and knee
- · Spinal injuries (trauma) to throat, breast and lumbar spine
- Pelvic and acetabular surgery
- Revision surgery of the extremities, including septic surgery (reconstructive OPs)

MEMBERSHIPS

- Member, general health insurance company TK (Techniker Krankenkasse)
- German Congress of Orthopedic and Trauma Surgery DKOU and German Society for Trauma Surgery DGU

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de









PD Dr. med. habil. Hoang Minh Do

HEAD OF DEPARTMENT

UROLOGY DEPARTMENT SANA HOSPITALS LEIPZIG

In the Department of Urology we examine, diagnose and treat diseases of the urinary and urinary tract organs (kidney, bladder, ureter and urethra) as well as the male reproductive organs. Due to our superbly trained medical team as well as the latest medical equipment, we offer our patients the entire spectrum of diagnosis and therapy in urology at the cutting edge of science and technology. Wherever possible, we use minimally-invasive procedures (keyhole surgery), in which we spare our patients large incisions. Using special surgical instruments equipped with cameras, we need only very small incisions, or even use natural body orifices. In this way we operate much more gently, with less risk and less pain. The aim is always to restore the health of our patients as completely as possible. To achieve this, we rely not only on our medical expertise, but also on the interdisciplinary approach.

CURRICULUM VITAE

since 2019	Head of the Urology Department, Sana Hospitals Leipzig / Borna
2017-2019	Acting Director, Department of Urology, Universityhospital Leipzig
2015	Postdoctoral Qualification and Teaching Qualification in Urology, Leipzig University
2014-2017	Deputy Head of Department, Urology, Universityhospital Leipzig
2007-2009	Senior Physician, Department of Urology, Universityhospital Leipzig
2002-2007	Specialist, Department of Urology,
2002	Universityhospital Leipzig Awarded the title "Specialist in Urology"
1997-2002	Assisting Physician, Department of Urology, Universityhospital Leipzig
1996-1997	Research Associate, Department of Urology, Universityhospital Leipzig
1996	Doctorate Defense, "Dr. med." Title,
1994-1996	Leipzig University Practicing Physician, Orthopedic Department at the Sachsenklinik in Bad Lausick
1988-1994	Medical Studies, Leipzig University

MEDICAL FOCUS

- Transurethral procedures other than prostate resection and complex ureterorenoscopies or other procedures on the urethra for para/tetraplegia or with ESWL for urinary stones
- Other diseases of the urinary organs or urethrocystoscopy
- Transurethral prostate resection or certain other prostate surgery
- Kidney, ureter and large bladder surgery for growths/neoplasm, age > 18 years, without combined surgery, without extremely severe CC
- Major surgery on the pelvic organs in men or certain surgery on the pelvic organs in men with extremely severe CC
- Sepsis
- Complex transurethral, percutaneous-transrenal or retroperitoneal surgery on the kidney or transurethral surgery
- Surgery on the testicles, urethra and prostate in case of malignant neoplasm
- Robot-assisted radical prostatectomy
- Robot-assisted partial nephrectomy
- Robot-assisted cystectomy
- Robot-assisted renal pelvis surgery

MEMBERSHIPS

- Member, German Urology Society
- Member, Urology Society of Saxony
- Member, Germany Society of Robot-assisted Urology

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de

Rudolf-Virchow-Straße 2 04552 Borna









UROLOGY

Prof. Dr. med. Michael Lein

HEAD OF DEPARTMENT

DEPARTMENT OF UROLOGY AND PEDIATRIC UROLOGY SANA HOSPITAL OFFENBACH



The diseases of the urinary tract and the male genital organs are the focus of the Department of Urology and Pediatric Urology. We treat around 6,000 patients of all age groups from the entire Rhine-Main area with state-of-the-art methods every year, making us one of the largest urology departments in Hessen. All modern therapeutic procedures are applied in our facility according to the latest expertise. In interstitial HDR brachytherapy we have developed our own recognised method for the conservative treatment of prostate carcinoma. Organ-preserving kidney operations and nerve-sparing prostate removals using plastic-reconstructive as well as minimally invasive techniques ensure rapid recovery and the best results in benign and malignant cases. The department focuses on urological carcinomas (prostate, kidney and bladder cancer) including sentinel lymphoma node determination, for which we cooperate with all relevant specialists at the Sana Hospital Offenbach. As one of the most modern hospitals in the state of Hessen, we can rely on the latest medical technology. These include a video-urodynamic measuring station, a latest-generation kidney lithotripter, holmium and greenlight lasers as well as the latest ultrasound equipment, which enables color-coded Doppler sonography and threedimensional prostate imaging.

CURRICULUM VITAE

since 2010	Head of Department, Urology,
	Sana Hospital Offenbach

2007 Deputy Head of Department, Urology Clinic,

Charité Campus Mitte

2001-2006 Senior Physician, ESWL Department and

Endourology,

University Urology Department, (Charité) Recognition as Specialist in Urology

2000 Recognition as Spec 1993-2000 Assisting Physician,

University Urology Department (Charité)

1993 Graduation from Medical Studies,

Medical Faculty (Charité)

1987-1993 Humboldt University of Berlin, Medical Faculty

MEDICAL FOCUS

- Endourological operations
- Operations with laparoscopy
- · Large tumor surgery

MEMBERSHIPS

- German Urology Society
- Fellow of European Board of Urologie (FEBU), 2007
- Additional designation, medication therapy for tumors

CONTACT ADDRESS

T: +49 30 6290110 - 232 English / Russian / Arabic international@sana.de









Prof. Ralf Kolvenbach M.D., Ph.D., FEBVS

HEAD OF DEPARTMENT

DEPARTMENT OF VASCULAR SURGERY AND ENDOVASCULAR THERAPY SANA HOSPITALS DUSSELDORF RHINE-RUHR VASCULAR CENTRE

The Department of Vascular Surgery at Sana Hospitals Dusseldorf is specialized in the minimally invasive treatment of the whole range of vascular diseases.

- 1. Treatment of aortic diseases primarily using stent-grafts, including ascending and thoracoabdominal aortic aneurysms; developed new treatment techniques jointly with international partners and universities.
- Treatment of carotid disease and cerebral ischemia; one of the largest vascular centers in Germany, using state of the art, minimally invasive techniques like transcervical carotid stenting. We participate in international studies to offer the best and safest minimal invasive methods to our patients.
- 3. Treatment of Peripheral Ischemia: A large number of patients with peripheral ischemia and a high risk of limb loss are treated daily. The majority of patients can be treated with dedicated stents and balloons. In selected cases, bypass procedures will be performed. As one of the few European centers, we can offer special techniques like venous revascularization to prevent an amputation. In close collaboration with the Nephrology department, we offer to our patients all procedures required to prevent kidney failure.

CURRICULUM VITAE

since 2021	Head of the Department of Vascular Surgery and
011100 2021	Endovascular Therapy, Sana Hospitals Dusseldorf,
	Rhine-Ruhr Vascular Centre
2014	
2014	Professor and Co-Chair, Allied Health Profession
	Program, Fliedner University Dusseldorf
2010	Honorary Professor, Sino-Japanese Friendship
	Hospital, Academic Teaching Hospital, University of
	Beijing, China, Staff Member Department of
	Cardiovascular Surgery, Visiting Professor,
	Ansen Hospital Beijing / Shanghai
since 2002	Medical Director, Venous Outpatient Clinic
000 2002	(CAT GmbH) Dusseldorf
09.2000	Appointment Clinical Professor of Vascular Surgery,
03.2000	Heinrich-Heine University of Dusseldorf
1995-2021	Director, Department of Vascular Surgery, Endo-
1995-2021	vascular Therapy and Phlebology, Augusta Hospital
1001 1005	and Catholic Clinics Group Dusseldorf
1994-1995	Attending Vascular Surgeon, Department of Surgery,
	Traumatology and GI Surgery and Department of
	Radiology Citizen Hospital, Stuttgart Germany
1993	PhD. Thesis, Surgical Faculty, University of
	Dusseldorf, Department of Cardiovascular Surgery
1987-1994	Senior Resident, Department of Cardiac Surgery;
	Resident, Lecturer, Associate Professor and Atten-
	ding Surgeon, Department of Vascular Surgery and
	Renal Transplant Service, University of Dusseldorf
1986-1987	Resident, Department of Cardiovascular and
	Thoracic Surgery, Pediatric Cardiac and Cardiac
	Transplantation Service, Prof. John Kirklin
	University of Alabama, Birmingham Ala., USA
1982	Visiting Fellow, Department of Cardiovascular
1902	Surgery, Columbia Presbyterian Hospital and
	Medical School, New York
1001 1005	/ · · · · · · · · · · · · · · · · · · ·
1981-1985	Resident, General Surgery, Gl Surgery, Trauma
	Surgery, Urology and Orthopedic Surgery,
	KMR - Hospital Dusseldorf
1975-1981	Medical School, MD Thesis, Clinic of Cardiovascular

Surgery, Heinrich-Heine University of Dusseldorf

BOARD CERTIFICATION

- German Board of General Surgery
- · German Board of Vascular Surgery
- German Board of Phlebology
- Endovascular Specialist of the German Society of Vascular Surgery
- Fellow of the European Board of Vascular Surgery (FEBVS)

MEMBERSHIPS

- Fellow of the German Board of General Surgery
- Fellow of the German Board of Vascular Surgery
- Fellow of the German Board of Phlebology
- Fellow of the Max Plank Society of Science
- Fellow of the Royal Society of Medicine UK
- Full Member of the European Society of Vascular Surgery
- Honorary Member of the Medical Society University of Parma
- Founding Member of the International Society of Vascular Surgery

Member of the Editorial Board/Reviewer:

- Vascular The Journal of Vascular Surgery until 2012, Journal of Cardiovascular Surgery
- Journal of Endovascular Therapy
- Surgical Endoscopy
- Journal of Cytology and Cell Therapy

Faculty by invitation annually:

- Vascular Intervention Course (VEITH) New York since 2005
- Leipzig Interventional Course (LINC) since 2009

CONTACT ADDRESS

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Gräulinger Straße 120 40625 Dusseldorf







Prof. Dr. med. Dr. med. habil. Arend Billing

HEAD OF DEPARTMENT

VASCULAR CENTER, DEPARTMENT OF VASCULAR SURGERY SANA HOSPITAL OFFENBACH

The Vascular Center of Sana Hospital Offenbach is one of the largest vascular centers in Germany and is one of the very few medical facitilies in Germany that offers all three aspects of vascular therapy at the maximum care level: angiology, interventional radiology and vascular surgery. The range of treatment includes all arterial and venous vascular diseases (with the exception of heart surgery), including therapy for carotid artery stenosis, aortic aneurysms, peripheral arterial occlusive disease (intermittent claudication), arrangement of dialysis shunts and vascular access of all kinds (port, etc.) as well as varicose vein therapy treatment. In particular, the Offenbach Vascular Center is one of the special facilities for the treatment of aortic aneurysms. Through the use of "branched" stent grafts, even complex abdominal aortic aneurysm patients can be treated in Offenbach with a gentler interventional method. The close interdisciplinary cooperation of two outstanding experts, Professor Billing (an endovascular specialist) and Professor Rilinger (a proven interventional vascular expert and Head of Department at the Central Institute for Diagnostic and Interventional Radiology), has resulted in extraordinary international reputation of this center of excellence.

CURRICULUM VITAE

since 1999	Head of Department of Vascular Surgery,
	Sana Hospital Offenbach;

Spokesman of the Vascular Center at the J.W. Goethe University Teaching Hospital

1999 Recognition in the subfield of vascular surgery

Adjunct Professor 1999

1997-1999 Advanced Training in the subfield of vascular

surgery with Prof. Dr. L. Lauterjung Senior Physician, Department of Surgery,

Klinikum Großhadern/Munich (Prof. Dr. F.W. Schildberg)

1993 Authorization to Teach (Private Dozent)

Postdoctoral Qualification, 1992 Ludwig-Maximilians-Universität in Munich

1992-1993 Surgery Department,

Klinikum Großhadern/Munich 1990-1992

Additional training in trauma surgery,

Städtisches Krankenhaus Harlaching/Munich 1990 Specialist Examination and Recognition as

> Specialist in Surgery Specialist Training, Surgery

1984-1990 Surgery Department, Ludwig-Maximilians-Universität Munich

MEDICAL FOCUS

- · Vascular surgery and vascular intervention of arteries: aneurysm surgery, carotid surgery, bypass operations, aortal stent grafts, all vascular interventions
- Complete differential vascular diagnostics, angio suite, ultrasound using contrast agents

MEMBERSHIPS

- German Society of Vascular Surgery
- German Surgery Society

CONTACT ADDRESS

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