Medical expertise in Munich Municipal Hospital Group

Our renowned Medical Experts

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In Munich Municipal Hospital Group (Städtisches Klinikum München) we have approximately 1,500 international patients admitted for in-patient care per year, most of them from Arabic- or Russian-speaking countries.

With this invaluable expertise, our Städtisches Klinikum is one of the important health care providers for international patients in the Bavarian capital and offers outstanding medical care accompanied by very good intercultural support.
Introduction

Dear Patients,
Dear Colleagues,
Ladies and Gentlemen,

Good health is our most valuable asset. Therefore we want to help in maintaining the best possible state of health for each individual. Our medical experts will be at your side with all their know-how.

With this presentation of selected fields of medicine available in our Munich Municipal Hospital Group we want to give you an overview of the renowned experts offering excellence in medical care.

We hope, this will assist you in finding your way to our specialists.

Please feel free contact International Service for any further questions and assistance:

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Kind regards,
Munich Municipal Hospital Group

Patient Services
Children’s Health
SPECIAL FIELDS
Haematology, oncology, metabolic diseases, diabetes mellitus, nephrology, dialysis, neuropaediatrics, psychosomatics, allergology, pneumology, neonatology, perinatal centre level 1, interdisciplin- ary paediatric and paediatric surgery ICU, infectiology, immunology, endocrinology, policlinic of the Technical University München.

EXPERT PROFILE
Prof. Dr. med. Stefan Burdach is the chair holder for paediatric and adolescent medicine at the Technical University Munich since 2003 and also Head of Department for Paediatric and Adolescent Medicine in Schwabing Hospital and Director of the Clinic and Policlinic for Paediatric and Adolescent Medicine of the Klinikum rechts der Isar of the Technical University Munich.

In the paediatric department in our Schwabing Hospital children and adolescents are diagnosed and treated in the complete spectrum of paediatric and adolescent medicine. In the out-patient policlinic the focus is on allergology/pneumology, endocrinology, diabetes mellitus, dialysis, aftercare of premature babies, gastroenterology and hepatology, clinical genetics, vaccination and travel medicine, cardiology including prenatal cardiological diagnostics, paediatric and adolescent psychiatry, cystic fibrosis, neuropaediatrics, oncology/haematology, infectiology, immunology and rheumatology, rehabilitation medicine, sport medicine, congenital connective tissue and metabolic diseases, environmental medicine and attention deficit disorder/hyperactivity and migraines of children and adolescents.

Medical focus of Prof. Dr. med. Stefan Burdach in-patient care is paediatric oncology and haematology, i.e. the treatment of congenital blood diseases and the treatment of leukemia and malignant tumors. An important treatment method in addition to chemotherapy the children’s clinic has established stem cell transplantation: with more than 100 new cases per year the paediatric hospital Schwabing is one of the largest paediatric oncology centres in Germany. Other treatment specialties include the paediatric dialysis centre, congenital metabolic diseases, especially mitochondriopathies, treatment of epilepsies, paediatric intensive care medicine and the treatment of eating disorders. The clinic is also known as one of the largest centres for Type-1-Diabetes of children and adolescents.

For his research work Prof. Dr. med. Stefan Burdach received renowned awards and prizes, including the Hill Memorial Award of Stanford University, the Heynen-Award of the Heinrich Heine University Düsseldorf as well as Kind-Philipp-Award of the Society for Paediatric Oncology and Haematology (GPOH). He is member of numerous professional associations and medical societies as well as international expert for specialized journals and research organizations.
SPECIAL FIELDS

Newborn surgery, surgery of congenital malformation, hydrocephalus and spina bifida, paediatric traumatology, burns, minimally invasive paediatric surgery, paediatric urology and nephrology, oncological surgery and paediatric orthopaedics.

EXPERT PROFILE

Prof. Dr. med. Stuart is the Head of Paediatric Surgery in our Schwabing Hospital since 2006. The paediatric surgery department has approx. 2,300 in-patients per year and performs about 2,200 operations. There are approx. 20,000 out-patient consultations per year.

The department covers the whole spectrum of paediatric surgery including: paediatric surgery, visceral and thorax surgery, paediatric oncologic surgery, paediatric urology and traumatology, treatment of children with severe burns, minimally invasive paediatric surgery and surgery of congenital malformations. In cooperation with the Department for Plastic Surgery of our Bogenhausen Hospital (Head of Department Prof. Dr. med. univ. Milomir Ninkovic) we perform complex plastic reconstructive surgery of the head and skull. In cooperation with the Department for Neurosurgery (Head of Department Prof. Dr. med. Chistianto Lumenta) the full spectrum of paediatric neurosurgery is covered. Together with the Paediatric Clinic in our Schwabing Hospital which offers the complete spectrum of paediatric internal medicine we offer maximum care for children and adolescents even for the most severe diseases.

The interdisciplinary neonatological and paediatric ICU provides all diagnostic and therapeutic options. The treatment of children and adolescents is supported by highly competent departments for paediatric radiology and paediatric anaesthesia.

The Department for Paediatric Surgery in our Schwabing Hospital is part of a transregional trauma centre as well as a severe burn centre for children. In cooperation with neonatology and obstetrics and other Munich hospitals the clinic is part of the Cooperative Perinatal Centre Munich (Level 1). The Department for Paediatric Surgery is also a partner of our Harlaching Hospital, the Paediatric Clinic of the Klinikum Rechts der Isar (Technische Universitaet) and the Deutsches Herzzentrum (German Heart Centre Munich).
Special Fields


Expert Profiles

Dr. med. Maya Salzmann and Dr. Cora Behnisch-Gärtner are head of the Section for Pediatric Orthopaedics, part of the Orthopaedic Department Klinikum Rechts der Isar, since 2013 in the framework of a cooperation between the Munich Municipal Hospital Group and the Technische Universität München. In the Paediatric Orthopaedic Department in our Schwabing Hospital we offer the complete spectrum of paediatric and adolescent orthopaedics in the environment of a renowned Department for Paediatric Surgery and the specialists for Paediatric Radiology.

The medical focus of Dr. med. Maya Salzmann MSc is on neuromuscular orthopedic disorders and complex hip and foot disorders, infantile cerebral palsy, arthrogryposis, myelomeningocele, Perthes-disease, congenital hip dysplasia and congenital or neglected clubfoot deformities.

Dr. Cora Behnisch-Gärtner is focused on general pediatric orthopaedics, limb deficiencies and skeletal dysplasias with correction of malalignment and length discrepancy. The department also offers limb length correction with intramedullary growing devices.

Children and adolescents with tumors of the musculoskeletal system are treated in close cooperation with the Clinic for Paediatric and Adolescent Medicine (Prof. Dr. Stefan Burdach) and Klinikum rechts der Isar (Prof. Dr. Eisenhart-Rothe).

Apart from surgery of the spinal column (offered in Klinikum Schwabing by the Neurosurgery Department, Prof. Dr. Ch. Lumenta) the Department of Paediatric Orthopaedics in our Schwabing Hospital covers the whole spectrum of Pediatric Orthopaedics.

In our Centre for Parents and Children, Klinikum Schwabing, we offer family-friendly rooms giving the parents the option to stay with their child 24 hours around the clock.
Women’s Health
SPECIAL FIELDS
Certified breast centre, certified gynaecological cancer centre, diagnostic and therapy of urinary incontinence, minimally invasive surgery, laser therapy, prenatal diagnostic and therapy (DEGUM level III), independent Perinatal Centre Harlaching (level 1), family oriented gentle obstetrics.

EXPERT PROFILE
Prof. Dr. med. Dieter Grab is the Head of the Department for Gynaecology and Obstetrics in our Harlaching Hospital since 2003 and took over the department in our Neuperlach Hospital in 2011. One of his medical specialties is prenatal diagnostics and therapy (DEGUM level III). In cooperation with the Department for Neonatology in the Clinic for Paediatric Medicine Harlaching the gynaecology department forms an independent perinatal centre (level 1) which was established in 2012.

This ensures that all pregnancies, especially early and high risk pregnancies and even extremely early childbirth under week 24 and around 450 grams, receive excellent care with this interdisciplinary approach. Another focus lies on intrauterine therapy of blood group incompatibility by means of umbilical cord transfusions, intrauterine shunt operations at malformations of the urinary tract and intrauterine laser therapy for twin transfusion syndrome. In both hospitals we provide family-oriented gentle childbirth. We offer consultation for pregnancies with final pelvic position and vaginal delivery at final pelvic position.

In the field of gynaecology Harlaching Hospital is certified as Brest Center South and as Gynaecological Tumor Centre by the German Cancer Society, Neuperlach Hospital is also involved in this system. The complete spectrum of gynaecological diseases of the female organs are diagnosed and treated with a high level of expertise. Another medical focus is the diagnostic and treatment of urinary incontinence and we offer minimally invasive surgical intervention.

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SPECIAL FIELDS

All diseases of the breast, anti-hormonal chemotherapy, antibody therapy and surgical therapy of the mamma carcinoma, gynaecological oncology, minimal invasive surgery (all common practice procedures of adnexal surgery, endometriosis treatment, adhesiology, clarification of unfulfilled parenthood, myoma enucleation, LAVH, LASH), urinary incontinence (TVT/TVT-O), reconstructive pelvic floor surgery (conservative and with alloplastic tissue), care for risk pregnancies and births in cooperation with the paediatric clinic and the paediatric surgery department in a joint perinatal centre of the highest care level (level II).

EXPERT PROFILE

Dr. med. Olaf Neumann is specialist for gynaecology & childbirth, special obstetrics & and perinatal medicine, gynaecological oncology, surgical gynaecology. He is Head of the Department for Gynaecology in Schwabing Hospital since 2008.

In cooperation with the Paediatric Clinic and the Department for Paediatric Surgery of Schwabing Hospital and the Technische Universität München the Women’s Clinic Schwabing forms a Perinatal Centre Level I with a high level of expertise in caring for premature babies and newborns with malformations. The department for obstetrics has been certified as Baby-Friendly Clinic by the WHO/UNICEF in 2012.

One medical focus of Dr. med. Olaf Neumann is surgical gynaecology. There are a large number of patients with malignant diseases of the female genitals and the breast in diagnosis and surgery. The in-house day clinic offers medication therapy. All certified chemo- and antibody therapies and the treatment in therapy studies are offered.

For benign diseases we apply minimally invasive techniques with best possible organ preservation in an over-average number of patients.

In diagnostics and treatment of descending pelvic floor and urinary incontinence all state of the art procedures are applied.

We offer special consultation in the various fields of treatment.
Male Health
SPECIAL FIELDS

EXPERT PROFILE
Dr. med. Volker Beer is the Head of the Department for Urology in Bogenhausen Hospital since 2009. Here he started his career as a surgeon in 1984, he was assistant physician, then senior physician. He did part of his training in Memorial Sloan-Kettering Cancer Center in New York and at Kenneth Norris Cancer Center USC/Los Angeles. His special focus lies on urological surgery for tumor therapy, especially in cases of cancer in kidney, prostate- and testicles, as well as endoscopic therapy of cancer of the urinary bladder, benign prostate enlargement and urinary stones.

The Department for Urology at Bogenhausen Hospital is specialized in diagnostic and therapy of the whole range of urological tumors including organ-saving surgical techniques in cases of kidney tumor as well as reconstructive surgical therapy and surgical stone therapy.

The department offers all guideline compliant therapies for localized prostate cancer (surgery, external radiotherapy and brachytherapy) as one of the very few centers in Germany and has invaluable long-term expertise in this field.

Since the year 2010 the Department for Urology hosts the Kidney Stone Center Munich and offers complete diagnostic and therapy in an interdisciplinary network for patients with urinary stones. The clinic offers all state-of-the-art options for treatment of urinary stones in all locations, i.e. kidneys, urinary tract and urinary bladder of every level of severity. We treat more than 900 patients per year with urinary stones. For urinary stone analysis we provide a modern FT-infrared spectrometer and we have an individual indication consultation to advise the patients accordingly before any surgical intervention.
**SPECIAL FIELDS**

Function-saving therapy for cancer of the kidneys, urinary bladder and prostate gland, minimally invasive endoscopic prostate laser treatment (greenlight laser), worldwide most extensive expertise in the treatment of prostate carcinoma by means of HiFU (highly intensive focused ultrasound), also as focal therapy, stationary lithotripter (ESWL) for patients with urinary stones, monitoring units, mother-child-unit.

**EXPERT PROFILE**

Prof. Dr. med. Oliver Reich is the Head of the Department for Urology in Harlaching Hospital since the year 2010. His medical focus is minimally invasive, function-maintaining surgical therapy of diseases of the prostate gland, the urinary bladder and the upper urinary tract (kidneys and ureter).

Especially in treatment of prostate gland diseases Prof. Dr. med. Reich is known as a proven expert: In 2003 he performed the first “Greenlight”-laser treatment of the prostate in Germany and is also known as reference surgeon nationally and internationally for this procedure. In the urological department of Harlaching Hospital we use several other innovative surgery procedures in addition to greenlight laser for benign prostate hyperplasia, i.e. bipolar prostate gland resection or bipolar plasma vaporization.

In surgical treatment of benign prostate hyperplasia the urological department has the highest case numbers in Munich. As proven expert Prof. Dr. med. Reich is Member of the Board of the working group “Benign Prostate Hyperplasia” of the German Society for Urology. With this exceptional expertise he worked as guest-surgeon nationally and internationally, e.g. in Australia, U.S.A., Russia, Canada, Kazakhstan and the Gulf-States.
Since the year 2010 the newest generation of the greenlight laser with 180 Watt power is available for our patients. Since the new technique is almost bloodless, the method is suitable for the rising number of patients with increased risk of bleeding.

Another medical specialty of Prof. Dr. med. Reich is the function-maintaining open surgery therapy of onco-urological diseases. This concerns nerve- and vessel protecting radical prostate removal as well as partial nephrectomy under protection of healthy, non-tumorous kidney tissue. A further specialty is the formation of a neobladder by means of intestine segments in the case of radical cystectomy, the radical removal of the urinary bladder. All these modern and innovative surgery techniques have the purpose of maintaining the most possible quality of life for our patients.

In 16 years of HIFU and about 2,800 cases, the Harlaching Hospital has the most extensive expertise with this procedure worldwide. International patients, frequently from U.S.A. come to the hospital for this therapy. The department also specializes increasingly in focal minimally invasive therapy, i.e. therapy concentrated on the tumor and its surroundings. Harlaching hospital has the highest expertise in this procedure as well and conducts the first multicentric study in Germany.
Cancer Medicine
SPECIAL FIELDS

Tumor Centre Munich South, all established options of modern tumor treatment, oncological day clinic, interdisciplinary treatment of colorectal cancer with surgery of metastases and radiofrequency ablation, combined radio-chemotherapy, antibody – and immunotherapy, treatment of leukemia and lymphomas, participation in clinical studies with new therapy methods, psycho oncology, palliative medicine, high-dose chemotherapy with autologous stem cell therapy, certified Intestine centre.

EXPERT PROFILE

Prof. Dr. med. Meinolf Karthaus is the Head of the Department for Hematology and Oncology at our Neuperlach Hospital since 2007 and, since 2008, the Head of the Department for Hematology, Oncology and Palliative Medicine in our Harlaching Hospital. He is specialist for internal medicine, hemato-oncology, gastroenterology, palliative medicine and infectiology. His medical specialities include diagnostics and therapy of solid tumors and hematological diseases, especially cancer of the intestines, stomach, breast and lungs. Prof. Karthaus has special expertise in supportive and palliative therapy of cancer treatment.

In cooperation with the Department for General and Visceral Surgery and Coloproctology and the Department for Gastroenterology and Hepatology in our Neuperlach Hospital, the Department for Hematology and Oncology forms the interdisciplinary Colon Cancer Centre certified by the German Cancer Society. In addition, the Department is part of the certified Pancreas – and Liver Centre in Neuperlach Hospital. In these centres the treatment of cancer is coordinated interdisciplinary in expert teams. The large number of cases is the basis for an extensive expertise in cancer treatment. In cooperation with the Department for Radiology and Gastroenterology the clinic offers a local tumor therapy procedure such as transarterial chemoembolization (TACE) or radiofrequency ablation (RFA).

Together with the gynaecological departments in our Neuperlach and Harlaching Hospitals we coordinate tumor therapy by medication for malignant diseases of the breast and other gynaecological organs. Treatment of oncological diseases in all certified centres is performed according to guidelines. In our Tumor Centre South comprising our Neuperlach and Harlaching Hospitals we treat more than 5,500 in-patients and over 6,000 day-clinic patients per year. We are one of the largest centres for patients with cancer in Germany.
Another focus lies on diagnostics and therapy of benign and malignant diseases of the blood and of the lymphatic system. In our Neuperlach and Harlaching Hospitals we treat all types of haematological diseases. High-dose therapy and stem cell transplantation is performed in Harlaching Hospital.

Progress in the treatment of cancer in recent years are mainly a result of clinical studies. Clinical studies are done under careful external control of the quality of treatment. The department for haematology and oncology takes part in national and international clinical studies to continuously improve treatment results in the area of haematology and oncology. Results of these studies are regularly presented at international and national conventions.

In some cases a combination of radiotherapy and chemotherapy may be indicated to initiate regression of a tumor. This combined treatment is performed in cooperation with the Radiotherapy Department.

The palliative wards in our Harlaching and Neuperlach Hospitals we treat patients with a progressed incurable disease in a holistic care program. Control of symptoms is the focus of treatment in the last phase of life. In addition we offer consultation by our psychooncological team at both locations.
SPECIAL FIELDS
Certified oncologic centre, treatment of all malignant diseases and blood-diseases, chemotherapy, immune-therapy, interdisciplinary tumor conference, high-dose chemotherapy with autologous and allogeneic stem-cell transplants, oncologic day-clinic and out-patient clinic, therapeutic cytapheresis with cell separators, palliative medicine in palliative ward. Morphological, immunological and haemostaseologic laboratory diagnostics. Infectious and tropical diseases. Treatment unit for life threatening highly contagious diseases.

EXPERT PROFILE
Prof. Dr. med. Clemens Wendtner is Head of the 1st Medical Clinic, Department for Oncology, Hematology, Immunology, Palliative Medicine, Infectious Diseases and Tropical Medicine in our Schwabing Hospital since 2011. One of his medical specialties is the treatment of malignant lymphomas and leukemia. The 1st medical clinic has 140 beds and is one of the largest specialist departments in this field in Germany. The department has an autologous and allogeneic stem cell transplantation unit as well as a large haematological laboratory including bone marrow morphology, flow cytometry and hemostaseology with over-regional cooperation with resident physicians. In addition to a large out-patient clinic including a day-clinic with another 21 beds the department also operates an ambulatory ambulance including an office for clinical studies. Prof. Dr. med. Wendtner is known internationally as expert in the area of CLL and he is scientific secretary of the German CLL Study Group (DCLLSG) which is located at the University Cologne. The 1st medical clinic also operates a large ward for palliative care with a highly qualified ambulatory after-care network.

In the area of infectiology the 1st medical clinic provides 36 beds with isolation sluice and cares for patients with all infectious diseases, including diagnoses in the area of tropical medicine. There is a cooperation agreement with the Tropical Institute of the Ludwig-Maximilians-University in Munich. The Infectiology Department (Senior Physician in charge Dr. med. Wolfgang Guggemoos) is one of the seven national infectiological reference centers in Germany and is equipped for the treatment of highly contagious infectious diseases with a special isolation unit financed by the Bavarian State Ministry for Health and Environment.
Face | Eyes | ENT
### SPECIAL FIELDS

The complete surgical spectrum of ENT, minimally invasive surgery of the paranasal sinuses, functional and aesthetic plastic nose surgery, microsurgical operations to improve hearing, tumor surgery in head and throat (minimally invasive function-maintaining as well as reconstructive techniques), computer navigated surgery of cranial base, oral and maxillofacial surgery, ENT-intervention for children.

### EXPERT PROFILE

Prof. Dr. med. Wagner is Head of the Department for ENT-Medicine of Munich Municipal Hospital Group since April 2014. He previously held the position of Chief Physician of the Department of ENT-Medicine and Head and Neck Surgery in the Hospital Group St. Antonius and St. Josef in Wuppertal with its five locations and academic teaching hospital of the University Hospital Düsseldorf. He was responsible for the complete spectrum of conservative and surgical ENT-medicine. From 1995 until 2012 Prof. Wagner worked at the ENT-University Hospital in Tübingen. He acquired extensive expertise in the care for patient with loss of hearing or deafness. He also was coordinator for the largest head-throat-tumor centre in Germany.

One of Prof. Wagner’s clinical specialties is the plastic nose surgery, surgical intervention in the area of paranasal sinuses, ear surgery to improve hearing and ENT tumor surgery. His academic activities are presented in a large number of scientific publications, national and international lectures and awards show his performance in academic teaching.

He acquired his PhD at Johannes-Gutenberg-University in Mainz in 1996, then worked at Harvard Medical School in a research project, followed by his habilitation in 2008 and award of professorship in 2012. Prof. Dr. med. Wagner also special ENT-surgery, Plastic Surgery, Allergology and he owns the International Certificate for Facial Plastic Surgery.

He is a member of a number of societies, i.e. German Society for ENT-Medicine, Head and Throat Surgery, the Professional Association of German ENT-Specialist, the German Association for Plastic and Reconstructive Surgery, the organization for Plastic and Aesthetic Surgery of the German ENT Society as well as the European Academy of Facial Plastic Surgery.
Kidneys | Urinary Tract
SPECIAL FIELDS
Clarification and therapy of acute and chronic kidney failure and high proteinuria, special expertise for glomerulopathies and cystic kidney diseases, diagnostic and treatment of rheumatological and immunological diseases (e.g. systemic lupus erythematosus or vasculitis), individualized blood pressure clarification and treatment, most modern procedures of kidney replacement therapy (peritoneal dialysis, haemodialysis, genius-citrate dialysis), interdisciplinary shunt care, care and consultation of patients with kidney transplants.

EXPERT PROFILE
Prof. Dr. med. Clemens Cohen is the Head of the Department for Kidney Disease and Hypertension and Clinical Immunology at Harlaching Hospital since 2012. Up to then, the renowned specialist for kidney disease was Senior Physician at the Hospital of the University of Munich and Leading Physician at the University Hospital Zurich. Here he successfully established the department for acquired kidney diseases and autoimmune diseases and was the head of the department. As a specialist for internal medicine, nephrology, rheumatology and hypertensiology (DHL) Prof. med. Cohen covers the complete spectrum of kidney-, hypertension- and autoimmune diseases. His special expertise is with glomerulonephritis, systemic lupus erythematosus and vasculitides as well as diabetes mellitus and blood pressure. The cooperation with European research networks allows fast diagnosis and therapy of unusual nephrological diseases.

The Department for Kidney Diseases and Hypertension in Harlaching Hospital is one of the largest specialist departments for nephrology in Germany. Prof. Cohen provides consultation for both Hospital locations Harlaching and Neuperlach including their ICU’s.

Diagnostic and therapy of acute and chronic renal failure and autoimmune diseases and individual blood pressure therapy and balancing are the medical specialties of the department. For all patients requiring renal replacement procedures all dialysis methods including peritoneal dialysis are available. Close cooperation with other specialized departments make it possible to offer comprehensive care for patients who often suffer from multiple illnesses. The direct cooperation with the Department for Urology in Harlaching Hospital allows complete treatment of all nephrological diseases at one location. In proven and close cooperation with the surgeons and the specialists for interventional radiology the competent and timely shunt care and intervention has top priority.
Heart | Circulatory System
SPECIAL FIELDS
Minimally invasive reconstruction of mitral- and aortic valve, complete myocardial revascularization with double mammaria, valve surgery (aortic-, mitral-, tricuspid replacement, mitral valve reconstruction), aortic surgery including supra-aortic branches, cardiac tumors, rhythm surgery.

EXPERT PROFILE
Prof. Dr. med. Walter Eichinger is the Head of the Department for Cardiac Surgery and Cardiac Surgery ICU at Bogenhausen Hospital since 2009. He began his professional career at the Ludwig Maximilian University Munich at Bogenhausen Hospital and since 1999 he worked at the Deutsches Herzzentrum München (German Heart Centre). Prof. Dr. med. Walter Eichinger has the certification for Cardiac Surgery and Cardiac Surgery Intensive Care Medicine.

His clinical focus is the reconstruction of cardiac valves, e.g. aortic-, mitral- and tricuspid valves. In various international assignments in Toronto and Brussels he gained expertise in highly specialized surgical techniques and has been known as expert for these techniques for years. Most of these procedures can be performed with the application of minimally invasive techniques. This has a number of advantages for the patient: it is possible to avoid the risks of an artificial cardiac valve when the patient’s own valve can be preserved. By means of gentle minimally invasive surgery techniques the rehabilitation period for the patient is much shorter. The intervention produces less stress, wound healing is completed faster than in conventional surgery. Even for very elderly and somewhat frail patients we offer state-of-the-art gentle procedures for treatment of cardiac valve diseases in cooperation with the other cardiological specialists in Munich Municipal Hospital Group. In Bogenhausen Hospital the department for cardiac surgery performed more than 500 catheter valve implantations (TAVI) and a large number of mitral clipplings so far.

Prof. Dr. med. Eichinger also has extensive expertise in all areas of coronary surgery, of aortic surgery, or surgical care for congenital heart defects and the treatment of cardiac insufficiency.
SPECIAL FIELDS
Ambulatory heart catheter and cardioversion, PTCA and stent-implantation, EPU. 3D mapping and catheter ablation, pacemaker and ICD-implantation, biventricular cardiac insufficiency therapy (CRT), clarification of syncopes by means of tilt-table-examination, percutane aortic valve implantation, aortic stenting, cryoablation of atrial fibrillation, PFO-closure, TAVIS.

EXPERT PROFILE
Prof. Dr. med. Ellen Hoffmann is the Head of the Department for Cardiology and Internal Intensive Care since 2003. Bogenhausen Hospital is a maximum care hospital and academic educational hospital of the Technische Universitaet München. The Department has 106 beds on 3 normalwards and a certified Chest Pain Unit. We treat approx. 6.000 patients with cardiological diseases per year. All modern invasive and non-invasive diagnostic and treatment methods are available, including heart-CT and MRI. Medical focus, however, is on invasive diagnostic and therapy of heart diseases.

Emergency care for patients with myocardial infarction and coronary heart disease is offered here in 24h emergency duty.

In heart catheter laboratories we perform procedures at coronary arteries, kidney and carotis arteries as well as aorta, e.g. balloon dilatation or stent implantation. In cooperation with the cardiac surgery department we implant minimally invasively new aortic valves at aortic stenoses in the process of heart catheter procedure via the groin. For selected patients with insufficiency of the mitral valve, we perform interventional treatment with a cardiac valve system. We also implant modern cardiac pacemakers and defibrillators, which are an important option as resynchro-
nization therapy for patients with cardiac insufficiency. Catheter guided renal sympathetic denervation is a successful option to treat therapy refractory blood pressure conditions. All modern therapy methods are under precise quality control. Patients are asked to participate in quality-assurance-_registers to evaluate effectiveness and risks of these procedures.

Scientific focus for Prof. Dr. med. Ellen Hoffman is the interventional diagnostic and treatment of cardiac arrhythmia (electrophysiology, ablation). By means of radiofrequency current (heat) or cryo technology (freezing) symptomatic cardiac arrhythmia is treated today with a very good chance of success and at low risk. This includes supraventricular cardiac arrhythmia (SVT, AVNRT, WPW, atrial flutter) as well as atrial fibrillation and ventricular cardiac arrhythmia (ventricular tachycardia, VES). Three-dimensional mapping systems (NAVX, Carto3) help in clarification of mechanisms and for orientation during ablation. Tactile ablation catheters and intracardiac ultrasound increase safety for the patient.

**Internal Intensive Care**
The ICU has 28 beds comprising 16 with respiratory systems and 12 with monitoring units. Here state of the art life saving methods are applied, e.g. intermediate circulatory support systems (balloon and impella-pump), kidney substitution systems with haemofiltration and lung support by means of extracorporal oxygenation (artificial lung).
SPECIAL FIELDS
Ambulatory and interventional heart catheter in hybrid-interention area (intravascular ultrasound, intracoronary pressure wires, PTCA, stent-implantation, rotablation angioplasty, reconstruction of coronary occlusion (CTO), balloon dilatation of aortic valve, catheter supported aortic valve implantation (TAVI), percutane mitral valve anullopasty, catheter supported mitral valve reconstruction, circulation support systems (Impella, IABP) and minimalized heart-lung-machine, interventional closure of PFO and ASD, 24/7-heart catheter stand-by-duty, carotis-stents, 3D- and transoesophageal echocardiography, stressecho cardiography, pacemaker-ICD-implantation and cardiac insufficiency therapy (CRT, CCM), sleep apnoe screening, bronchoscopy with laser inter-vention, home-oxygen therapy, intensive care for most severe and complex diseases with organ failure including haemodialysis, interventional lung support (ILS), stroke-lysis therapy.

EXPERT PROFILE
One of his medical specialties is the application of minimally invasive techniques for treatment of the aortic valve, the mitral valve and the coronary vessels. Prof. Dr. med. Sack implanted the first catheter supported aortic valve in Germany in 2005 (he then was at the University Clinic Essen) and he is known internationally as expert for this technique. Minimally invasive reconstruction of the mitral valve is also his expertise. Complex interventions under application of extracorporal circulation or circulatory support systems can be performed in the hybrid-intervention area. There is a close cooperation of cardiac surgery, vascular surgery, angiology and radiology in performing these procedures. One more specialty is chronic cardiac insufficiency with cardiomyopathy.

Prof. Sack significantly participated in developing the cardiac resynchronization therapy (CRT) and he performed the first implantation of a CRT-system in 1998. The department also offers the new procedure called CCM-therapy (cardiac contractility modulation) to improve the pump-function of the heart. Patients requiring intensive care are treated in one of the three internal ICUs in the central intensive care area (ZIB) with all state-of-the-art procedures of non-invasive and invasive artificial respiration, circulatory support and renal replacement methods. The emergency centre in Schwabing Hospital cares for more than 50,000 patients per year. There is 24h-standby-duty for acute myocardial infarction.
Lung
SPECIAL FIELDS
At the Department of Thoracic Surgery at Städtisches Klinikum München – Bogenhausen the entire spectrum of thoracic procedures but lung transplant is being performed. The majority of the procedures is performed minimally invasively via the Video Assisted Thoracoscopic (VATS) approach. We focus on technically challenging major oncologic interventions for lung cancer (also advanced stages), pulmonary metastases, mesothelioma, mediastinal and chest wall tumors. Benign diseases which are regularly treated include empyema, pneumothorax, trapped lung, chest wall deformities and others.

EXPERT PROFILE
Prof. Dr. Bodner is Head of the Department of Thoracic Surgery since 2015. He is an internationally acknowledged expert in minimally invasive / Video Assisted Thoracoscopic Surgery (VATS).

Patients suffering from lung cancer who are being treated in the certified lung cancer centre at Städtisches Klinikum München – Bogenhausen particularly benefit from the minimally invasive treatment methods and the expertise of Prof. Dr. Bodner.

The highly qualified partners of the department of thoracic surgery, i.e. the departments of pneumology, radiology, anesthesia and oncology enable and guarantee an excellent multidisciplinary cooperation.

Prof. Bodner was trained as a specialist in general surgery and thoracic surgery at Innsbruck University Hospital, Austria. He subsequently specified in minimally invasive (VATS) surgery for lung cancer and other diseases at various high volume centers within the United States (Brigham and Women’s Hospital/Harvard Medical School, Boston MA; Mount Sinai Hospital New York, NY; University of Southern California, Los Angeles, CA).

Before heading the Department of Thoracic Surgery at Städtisches Klinikum München – Bogenhausen Prof. Bodner was Chief of the Division of Thoracic Surgery at University Hospital Giessen, Germany.

Prof. Dr. Bodner is Extended Executive Board member of the European Society for Thoracic Surgery as well as member of the German Society for Thoracic Surgery, the Austrian Society for Surgery and the Austrian Society for Surgical Oncology.
Lung medicine has a tradition of more than a hundred years in our Harlaching Hospital and has a certified Lung Cancer Centre (ON-KOZ-ERT) in Bogenhausen Hospital. Both in Bogenhausen and Harlaching a well equipped modern bronchology in 24-h stand-by-duty for intervention in flexible and rigid technique. The spectrum includes: interventional procedures, endobronchial ultrasound, cryo- and lasetechnology, as well as argon-plasma-coagulation, stent-implantation, lungvolume reduction.

Pulmonary function diagnostics, including spiroergometry and sleep apnoe; out-patient lung sports.

Pneumological oncology (including oncological day clinic) in close cooperation with the department for thorax surgery is a special field in Bogenhausen Hospital.

Internal ICU in Harlaching Hospital: special competence in maximum care (sepsis, pneumonia, ARDS, reanimation), differentiated methods for respiration and circulatory support, organ replacement procedures (kidney, lung/circulation).

Gastroenterological endoscopy in 24-h stand-by-duty with a broad spectrum (high solution video technology, ERCP, endosonography), central ultrasound department including contrast agent sonography, puncture, Doppler examination of vessels.

Emergency centre: central point of contact for emergency patients 24hrs/7days. Central monitoring station, chest pain unit operated by the department of cardiology, acute care for stroke patients in cooperation with the stroke unit of the neurocentre, trauma centre; close cooperation with the helicopter rescue team at Harlaching Hospital.
LZM Bogenhausen-Harlaching

The Lung Centre Munich was founded in 2013 (LZM Bogenhausen-Harlaching). The clinical-scientific focus of Prof. Meyer is the interventional bronchoscopy and the interaction between heart and lung under exertion (spiroergometry) and patients with critical diseases and changes in lung circulation.

His emphasis lies on differentiated respiratory medicine, extracorporal lung replacement procedures and sepsis therapy.

According to modern concepts for the special discipline of pneumology the Lung Centre Munich under Prof. Meyer cares for its patients in a broad spectrum of pneumological diseases and levels of illness from the centre for lung cancer to ICU.

Gastroenterology
Diagnostic and therapeutic endoscopy in 24-h-stand-by-duty with a broad spectrum including high solution video technique, argon-plasma-coagulation etc., differentiated diagnostics and therapy of bile duct diseases (including ERCP, MRCP and endosonography) and central ultrasound incl. contrast agent sonography and punctures allow patient care at highest level.

Clinical Specialties
Ambulatory required pneumonia, sepsis, ARDS, special therapy of COPD/lung emphysema (bronchoscopic lung volume reduction), lung cancer (invasive diagnostic and therapy), certified lung cancer centre in Bogenhausen Hospital.

Lung sports: there are four very active groups at Harlaching Hospital in their own association: Besser atmen in München e.V. (Better breathing in Munich).
Stomach | Intestine
SPECIAL FIELDS
Gastrointestinal oncology in minimally-invasive and conventional technique, colorectal surgery including chronic-inflammatory intestinal diseases (M. Crohn, colitis ulcerosa), oesophagus and stomach, hepatobiliary surgery, endocrine surgery (especially minimally-invasive surgery techniques in the area of thyroid gland, parathyroid glands and adrenal glands as well as neuroendocrine pancreas tumors), proctology.

EXPERT PROFILE
Prof. Dr. med. Ayman Agha is the Head of the Department for Surgery Bogenhausen Hospital since March 2014. His medical focus lies in oncological surgery of the abdominal area. Prof. Agha is a nationally and internationally renowned surgeon, especially for the treatment of malignant colon diseases (rectum and colorectal cancer) and in the area of chronic-inflammatory intestinal diseases (M. Crohn, colitis ulcerosa). Prof. Agha is one of a group of 20 renowned experts worldwide working to establish guidelines for minimally-invasive surgery techniques for colorectal cancer. Another focus lies on modern surgical procedures of cancer of the oesophagus, the stomach, the liver and the thyroid gland. Here the department offers highly professional interdisciplinary cooperation with the departments for gastrointestinal oncology, radiotherapy and diagnostic and interventional radiology including all options of imaging combined in our Bogenhausen Hospital.

The hospital also offers all state-of-the-art treatments for endocrine diseases, especially minimally-invasive techniques (thyroid gland, parathyroid glands, adrenal glands and pancreas).

Many years of experience with minimally invasive surgery techniques warrant that the patients receive the most modern and gentle treatment, ensuring speedy recovery and, most important, best tumor-specific results with regard to survival and relapse rates.

Minimally invasive surgery is not the technique of choice at all cost: Our specialists strive to define the best interventional method of treatment for the patient: either “the small cut” or “the safe access”.

A specialized team with vast experience in the area of thorax surgery has its focus on surgical intervention for malignant diseases of the lung, in specific cases by means of minimally invasive technique.

The large number of cases and proven expertise in the field of surgery in Bogenhausen Hospital provides the best possible conditions for specific treatment by a team of competent specialized physicians, available as contact for patients and practicing doctors.
Städtisches Klinikum München

SPECIAL FIELDS
Oncological surgery of the gastrointestinal tract with the focus on colon-rectum-surgery as well as liver-, bile duct- and pancreas surgery, oesophagus- and stomach surgery, endocrine surgery, hernia surgery, minimally invasive surgery, interdisciplinary therapy of chronic inflammatory diseases of the intestinal tract, surgery of complex anal fistulae, incontinence therapy.

EXPERT PROFILE
The Department for General- and Visceral Surgery, Endocrine Surgery and Coloproctology in our Neuperlach Hospital is headed by two leading physicians in a team, this is almost unique in Germany.

The department treats more than 3,300 in-patients per year. Prof. Dr. med. Natascha C. Nüssler is specialized in the surgery of liver, bile ducts and pancreas. Dr. med. Ruppert is specialized in coloproctology. This dual leadership in Neuperlach Hospital stands for particularly high competence in the respective areas and therefore could serve as a good example for leading positions in our other locations.

General- and visceral surgery is responsible for surgical intervention of the upper intestinal tract, consisting of oesophagus, stomach and duodenum, small intestine, bile ducts, liver and pancreas. There is special experience in the treatment of benign and malignant diseases of the liver, the bile ducts and the pancreas. The department is unique in Bavaria as Certified Competence Centre for the surgical treatment of pancreas- and liver diseases. Another field is the correction of inguinal- and abdominal wall hernias.

Coloproctology covers the surgical treatment of all benign and malignant diseases of the colon, rectum and anus. A special focus is the treatment of rectum cancer. With 150 patients who have undergone surgery of rectum cancer in Neuperlach Hospital, the department is one of the leading institutions in this field in Germany. The department also has extensive expertise in the surgical treatment of chronic inflammatory diseases of the intestines, e.g. colitis ulcerosa and Crohn’s Disease as well as anal fistulae and faecal incontinence. The spectrum of surgery covers all open procedures and

Prof. Dr. med. Natascha C. Nüssler
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also minimally invasive techniques, the so-called keyhole surgery.

For the successful treatment of patients with diseases of the digestive system, close cooperation of various medical specialization is absolutely mandatory. Therefore we formed an abdominal centre in Harlaching Hospital in 2002, where the Department for General- and Visceral Surgery and Coloproctology, the Department for Gastroenterology and Hepatology and the Department for Haematology and Oncology work together in close cooperation. The high level of competence resulting from this close cooperation has led to repeated certification as the largest Intestinal Cancer Centre in the German Cancer Society.

Joint interdisciplinary specialized consultation, x-ray consultation and a weekly tumor conference allow individualized diagnostics and therapy options. Patients with complex diseases of the digestive system are treated in a joint gastroenterological-visceral surgery unit. For patients requiring intensive monitoring, some directly after surgery, we maintain an Intermediate-Care-Ward with a specially trained team of physicians and nursing personnel.
EXPERT PROFILE

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Dr. med. Reinhard Ruppert
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SPECIAL FIELDS

Oncological surgery of the gastrointestinal tract with the focus on colon-rectum-surgery, minimally invasive surgery, interdisciplinary therapy of chronic inflammatory diseases of the intestinal tract, surgery of complex anal fistulae, incontinence therapy.
SPECIAL FIELDS
Certified Centre for Intestinal Diseases and Centre for Pancreatic Cancer, diagnostic and interventional therapeutic endoscopy, capsule enteroscopy, double balloon endoscopy, radio frequency ablation, contrast agent and endosonography, functional diagnostics (pH-metry, manometry, impedance measurement), day-clinic, competence centres for dysphagia and functional disorders of the pelvic floor, spyglass-cholangioscopy, photodynamic therapy.

EXPERT PROFILE
Prof. Dr. med. Wolfgang Schepp is the Head of the Department for Gastroenterology, Hepatology and Gastroenterological Oncology in our Bogenhausen Hospital since 1997. His main focus is the endoscopy and endosonography of the digestive organs, especially endoscopic-interventional endotherapy of early carcinomas of the oesophagus, stomach, colon and rectum, and diseases of bile duct and pancreas duct. Another specialty is the medication treatment of malignant tumors of the digestive organs. Chemotherapy can be combined with radiotherapy, radiological intervention (radio frequency ablation, chemo- or particle embolization, selective internal radiation) or with procedures performed by the department for visceral surgery.

The selection of the most effective therapy for the individual patient is determined in an interdisciplinary tumor board. Prof. Dr. med. Schepp is head of the certified Centre for Intestinal Cancer of the German Cancer Society in Bogenhausen Hospital including pancreas carcinoma. All chemotherapies are also offered as out-patient treatment in the Interdisciplinary Oncological Day-Clinic.

Other specialties of the Gastroenterology Department in Bogenhausen Hospital are the diagnostic and therapy of chronic-inflammatory intestinal diseases, e.g. Morbus Crohn, colitis ulcerosa as well as chronic liver diseases such as cirrhosis, virus hepatits and functional diagnostics. The department is one of the very few in Germany who offer manometry and impedance measurement of the small intestine.

The interdisciplinary patient care together with the Department for General-, Visceral- and Thorax Surgery, Head of Department Prof. Dr. Agha, is performed on two joint wards together with the Department for Visceral Surgery in the Abdominal Centre Bogenhausen Hospital.
Musculoskeletal System
SPECIAL FIELDS
Minimally invasive spinal surgery, treatment of wear and tear symptoms of the spinal column, intra-vertebral surgery and prosthetics, kyphoplasty, cement-free kyphoplasty treatment of severe injuries, endoprosthetics of large joints (hip, also minimally invasive; knee; upper ankle joint). Arthroscopy (shoulder, knee, elbow, upper and lower ankle joint). Ligament plasty, axial adjustment, elbow and foot surgery, surgery of the diabetic foot, corrective surgery, paediatric traumatology, neuro-traumatology, all osteosynthesis procedures, intramedullary nailing, treatment of pseudarthrosis, geriatric traumatology, prosthetics of geriatric patients.

EXPERT PROFILE
Since January 2014 Prof. Dr. med. Georg Gradl is the Head of the Department for Trauma Surgery and Orthopaedics in Harlaching Hospital and Head of the Trauma Centre South in cooperation with Neuperlach Hospital. One of the main specialties in Harlaching Hospital is surgery of the spinal column. In an interdisciplinary team staffed by orthopaedic, trauma surgery and neurosurgery specialists, we treat patients with degenerative diseases of the spinal column, the intervertebral discs, inflammatory conditions and especially injury-related defects and tumors of the spinal column.

Another important focus lies on the care for patients with severe trauma in cooperation with Neuperlach Hospital.

Trauma surgery at Harlaching hospital is certified as supra-regional trauma centre and member of TraumaNetwork DGU® (German Society for Trauma Surgery). In cooperation with regional trauma centres it has an active role in caring for trauma patients and is also responsible for paediatric trauma surgery.

In orthopaedics the main specialties are arthroscopy and endoprosthetics. Implantation of artificial joints is applied in cases of degenerative and geriatric joint changes as well as for changes caused by injuries. These procedures include prosthetics of upper ankle and elbow prosthetics. Interdisciplinary surgical intervention of injuries of the skull, cerebral bleeding, injuries of the bone marrow and nerves are covered by the neurosurgery team.

Foot and hand surgery was established by Prof. Dr. med. Gradl. Here the emphasis lies on reconstructive forefoot surgery, backfoot surgery, prosthetics of the upper ankle joint and special bone reconstruction for diabetic osteoarthropathy of the foot.

Problem cases such as axial misplacement, delay in healing of fractures or bone infections complete the range of treatment.
**SPECIAL FIELDS**

Biologicals, immune suppressive and immuno-modulating therapies, immune-adsorption at therapy resistant and severe vasculitis and collagenosis, multimodal complex rheumatology treatment, osteology, osteoporosis therapy.

**EXPERT PROFILE**

Since 2006 Dr. Blanche Piper is Head of the Department for Rheumatology, Clinical Immunology and Osteology in Bogenhausen Hospital. Up to 2006 she held the position of Senior Physician in charge for many years. Her medical focus is on diagnostics and treatment of patients with inflammatory-rheumatic systemic diseases as well as degenerative diseases of the musculoskeletal system according to all up-to-date medical knowledge and standards.

Dr. Piper is member in the Professional Society of German Rheumatologists and the German Society for Internal Medicine Rheumatology Centre Munich. She is founding member of the Competence Network for Vasculitis Munich.

The Department for Rheumatology, Clinical Immunology and Osteology treats diseases such as collagenosis, e.g. systemic lupus erythematosus (SLE), Sjögren-syndrome, scleroderma/systemic sclerosis, polymyositis or mixed collagenosis, vasculitis (e.g. Morbus Wegener), rheumatoid arthritis (chronic polyarthritis), spondyl arthropathies (e.g. Morbus Bechterew and psoriasis-arthritis), soft-tissue rheumatism as well as osteoporosis, degenerative diseases of the skeleton, arthrosis, spinal column syndrome, fibromyalgia and chronic pain syndrome.

All modern diagnostic procedures are applied including joint- and soft-tissue sonography (ultrasound) as well as complete autoimmune diagnostics, modern immuno-suppressive and immunomodulating therapies including biological, immune-adsorption at therapy resistant severe vasculitis and collagenosis, diagnostic and therapeutic punctures of joints; bone marrow punctures and biopsies as well as differentiated pain therapy.

The special spectrum of the department also includes comprehensive, interdisciplinary therapy in a complex multimodal rheumatology treatment. This is to the great benefit of patients with inflammatory-rheumatic diseases and non-inflammatory pain syndrome (incl. fibromyalgia syndrome and high-grade osteoporosis).
SPECIAL FIELDS

Endoprosthetics, arthroscopic and minimally invasive surgery of all joints, shoulder orthopaedics, foot surgery, sport trauma surgery -and medicine, minimally invasive surgery of the spinal column, spinal- and geriatric traumatology, septic bone surgery, paediatric orthopaedics, polytrauma therapy.

EXPERT PROFILE

Dr. med. Ludwig Seebauer is the Head of the Department for Orthopaedics and Sport Orthopaedics since 2002 and the Head of the newly established Centre for Orthopaedics, Trauma Surgery and Sport Medicine at Bogenhausen Hospital.

One of the substantial medical specialties in his clinical and scientific work is shoulder orthopaedics. The department enjoys an exceptional national and international reputation and has a leading position in Germany with the number of implanted shoulder prostheses per year. Since 1995 Bogenhausen Hospital hosts the internationally renowned Shoulder Symposium.

Another specialty in the group of orthopaedic sub-disciplines is the intensive application of arthroscopic surgery of all joints with a case number of more than 1,000 per year. In the area of shoulder-, hip-, knee- and ankle joint we are in the position to apply state-of-the-art equipment and procedures to perform complex joint-saving arthroscopic surgery.

The Centre for Orthopaedics, Trauma Surgery and Sport Medicine performs more than 5,000 surgical interventions, i.e. 3,000 electively orthopaedic and approx. 2,000 in acute trauma surgery.

The Centre is certified as regional trauma centre. For polytrauma therapy all infrastructural and required related specialty departments are in the same location (neurosurgery, visceral- and thorax surgery, cardiovascular surgery).

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By close cooperation and consultation with all high-quality internal departments and the Department for Anaesthesiology and Intensive Care it is possible to successfully perform complex and difficult surgical interventions at highest orthopaedic and trauma surgery level even for high-risk and geriatric patients. Close interdisciplinary cooperation with the Department for Rheumatology and Immunology, the Department for Physical Medicine and Rehabilitation and the Department for Plastic-, Reconstructive- and Hand-Surgery allows us to offer optimized patient oriented complete treatment of all diseases, injuries and trauma consequences of the whole musculoskeletal system within one hospital location.
Neuromedicine
**SPECIAL FIELDS**

Neurooncology with stereotaxis, neuronavigation, intraoperative imaging and nerve function monitoring, neurovascular surgery with endovascular therapy, spinal surgery (tumor, intervertebral disc, stenosis), hydrocephalus therapy, neurosurgical pain therapy, intracerebral coiling, minimal invasive endoscopic neurosurgery, neurosurgical intensive care with multimodal monitoring and therapy.

**EXPERT PROFILE**

Prof. Dr. med. Christianto Lumenta is Head of the Department for Neurosurgery in our Bogenhausen Hospital and also Head of the Department for Neurosurgery in our Schwabing Hospital. His medical and scientific focus is on monitoring of brain function, spinal cord function and nerve function during surgical intervention, where clinical examination is not possible because of general anaesthesia. Here Prof. Lumenta developed various techniques for maintaining functionality in neurosurgery of tumors and vascular diseases of the brain, the spinal cord and the spinal column. In microsurgical and/or endoscopic technique these diseases are treated in surgical procedure with monitoring of vital functions and with application of computer technology with the aid of a navigation system. With the tool of intraoperative imaging by means of ultrasound -and/or fluorescence technique the success of the treatment is documented by imaging in the course of surgery.

A similar technique by means of intraoperative computer-aided tomography with a 3-D-Scanner as well as a robot allows high precision performance when placing implants in corrective or reconstructive surgery of the spinal column. The neurosurgery department in Bogenhausen is certified for neurosurgical pain therapy by the German Society for Neurosurgery.

Prof. Lumenta was the Head of Paediatric Neurosurgery at the University Hospital Düsseldorf earlier in his career and, based on this expert experience, covers the complete spectrum of Paediatric Neurosurgery in our Schwabing Hospital. Here we also treat movement disorders by means of deep brain stimulation for Parkinson’s Disease.

In cooperation with the Departments for Neurology, Neuropsychology, physical Medicine and Early Rehabilitation as well as Neuroradiology and Neuropathology the Department for Neurosurgery forms the Neurocentre, where all neurological conditions from diagnostics to acute therapy and rehabilitation are treated. In our Schwabing Hospital the Neuro-Head-Centre consists of the Departments for Neurosurgery, ENT-Diseases with Oral and Maxillofacial Surgery and Ophthalmology. In interdisciplinary cooperation we offer surgical treatment for diseases of the skull base (trauma, tumors).

In summary we cover the whole spectrum of neurosurgical diseases in our Bogenhausen and Schwabing Hospitals.
Plastic Surgery
SPECIAL FIELDS
Post-traumatic and post-oncological reconstruction of functional and aesthetic units, breast surgery in cooperation with the Certified Breast Centre South at Harlaching Hospital (Prof. Dr. Dieter Grab), congenital malformation, hand surgery (functional reconstruction, tendon transfer in the case of nerve damage), aesthetic surgery, burn surgery including primary care in specialized ICU, scar revision treatment, craniofacial and paediatric plastic surgery, chronic wound care.

EXPERT PROFILE
Prof. Dr. med. Milomir Ninkovic is the Head of the Department for Plastic Surgery since 2003. Plastic surgery with its subspecialties, aesthetic, reconstructive, hand and burn surgery is one of the most technically refined disciplines in the field of surgery. The plastic surgery ward has 38 beds and up to 8 patients in the specialized unit for severe burns. Children younger than 14 receive interdisciplinary treatment in cooperation with our paediatric surgery team in Schwabing Hospital.

The department performs more than 2,500 in-patient and out-patient procedures per year and provides plastic surgery expertise in consultation with all relevant departments of Munich Municipal Hospital Group.

The main target in plastic surgery, reconstructive or aesthetic, is to restore as much quality of life for the patient as possible. Therefore, every procedure is carefully evaluated and preceded by thorough consultation to achieve the best individual result.
Dermatology | Allergology
SPECIAL FIELDS
Operative dermatology, special psoriasis center, atopic eczema (neurodermatitis), dermato-oncology, HIV-consultation, paediatric dermatology, phlebology, allergology, hair-consultation, aesthetic dermatology, extracorporeal photopheresis, electro chemotherapy

EXPERT PROFILE
Prof. Dr. med. Dr. h.c. mult. Thomas Ruzicka is Head of the Clinic for Dermatology in the Hospital Thalkirchner Strasse and the Clinic and Polyclinic for Dermatology and Allergology of the University of Munich since 2006. Before 2006 he was the Head of the Dermatology Clinic of the University of Düsseldorf for many years. His medical focus is on research of and treatment for neurodermatitis, psoriasis, lichen ruber and other inflammatory skin diseases, acne as well as autoimmune diseases of the skin. The specialized dermatological hospital Thalkirchner Strasse also handles the complete spectrum of modern dermatology and allergology in all its diversity. The oncological department is dedicated to early detection of skin cancer and treatment of malignant melanoma (black skin cancer), especially with modern biological treatment methods, developed in current scientific research. Another special focus is on targeted treatment of “light skin cancer” by means of photodynamic therapy. In the department for dermato-surgery special tissue-conserving surgery methods (micrographically controlled surgery) are applied, especially in aesthetically sensitive areas as the face.

The clinic has a considerable share in the development of the innovative sentinel-lymph-node-technique for early detection of metastases of the malignant melanoma. Other specialties of the clinic are phlebology (venous diseases), a new consultation for ulcers and wounds with healing disorders, scar treatment, paediatric dermatology, psycho-dermatology as well as HIV/AIDS-ambulance with integrated psycho-social counseling center.

The specialized dermatological hospital provides the complete spectrum of modern allergy diagnostics and is integrated into the Interdisciplinary AllergyCENTER of the University of Munich. Special focus is the clarification of drug intolerance and diagnostic and therapy of insect venom allergies. The department for aesthetic dermatology is specialized on the treatment of wrinkles and effects of ageing. A special therapy
option is the extracorporeal photopheresis, a method for treatment of cutaneous lymphomas, Graft-versus-Host-disease and severe therapy resistant inflammatory skin diseases. This treatment is offered in only very few highly specialized centers in Germany.

The Hospital Thalkirchner Strasse is specialized for all types of skin diseases from allergies to venous problems and cancer. A unique characteristic is the cooperation of the City of Munich (operating the in-patient treatment and wards) and the Ludwig-Maximilians-University, State of Bavaria (operating the out-patient ambulances). This cooperation of clinic and polyclinic for dermatology guarantees a high level of expertise and optimal care and aftercare for patients in-patient and out-patient care.
SPECIAL FIELDS
Early detection of skin cancer with computerized by means of incident light microscope, microscopically controlled tumor surgery including sentinel lymph node biopsy, dermatological oncology with chemo-/immunotherapy and interdisciplinary tumor conference, multimodal therapy of chronic wounds, inflammatory skin diseases also for multimorbid patients, light therapy, laser therapy, allergology.

EXPERT PROFILE
Prof. Dr. med. Wilhelm Stolz is the Head of the Department for Dermatology in Klinikum Schwabing since 2002. In 2015 he moved with his department to a new location in our Hospital Thalkirchner Strasse. One of his medical specialities is the diagnostic and therapy of malignant melanoma and bright skin cancer. In 1989 he developed the Dermatoscope together with a group of colleagues, which is now in common use worldwide and has been applied in more than 1,500 publications for the development of diagnostic criteria. In cooperation with a group around Prof. Dr. Dr. h.c. Gregor Morfill, Director of the Max-Planck-Institute for extraterrestrial physics in Garching (Munich) he developed a computerized digital evaluation program for analysis of pigmented moles. This program was awarded with the “Bayerischer Innovationspreis” (Bavarian Innovation Award) in 1998 (European Patent PCT/EP1998/008020). Together with the group of Prof. Dr. Dr. h.c. Gregor Morfill Prof. Stolz currently evaluates application in the field of plasmatherapy for dermatology (European Patents 08015146.7-1226 and 08016930.3-1226).

Since the Department for Dermatology is part of the Munich Municipal Hospital Group, it is interfaced with the complete spectrum of medical expertise provided by the group. All patients with serious skin diseases and severe accompanying diseases requiring interdisciplinary care are well cared for.

Other core competences are the treatment of skin cancer by special surgical procedures such as microscopically controlled surgery, dissection of sentinel lymph node and interdisciplinary treatment of chronic wounds and severe inflammatory skin diseases, e.g. psoriasis, neurodermatitis and pemphigoid.

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