Clinical Trial Centre Leipzig
University of Leipzig | Medical Faculty
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CLINICAL TRIAL CENTRE LEIPZIG
Your academic partner for clinical trials

Sponsored by the Federal Ministry for Education and Research 2007 - 2016
Clinical Trial Centre — Site Management Organisation

The Site Management Organization (SMO) of the Clinical Trial Centre (CTC, German: ZKS) offers comprehensive on-site support for clinical trials at the Medical Centre Leipzig (MCL). The MCL consists of the University Hospital and the Faculty of Medicine Leipzig. We support the departments in establishing and expanding local study units and provide especially qualified staff, which supports the clinics in preparing and implementing the clinical trials according to the international quality standards. The work of the CTC Leipzig was funded by the Federal Ministry of Education and Research (BMBF) from 2007 to 2016.

Our partner organisations

- University Hospital Leipzig (public institution)
- Heart Center Leipzig
- Heinrich-Braun-Hospital Zwickau

Our services

- central feasibility-management – inquiries please at: feasibility@zks.uni-leipzig.de
- administrative support in preparing and conducting clinical trials
- continuous training especially of study assistants and non-physician-staff (ICH-GCP, AMG)
- prompt communication due to the close network of all participating clinics and the administrative management
- establishing and continuous updating of a quality management system inter alia with SOPs, internal evaluation and audits at the trial sites
- mobile study nurse-support
- instruments for the selective patient recruitment

Major indications: angiology | anesthesiology | dermatology | endocrinology | gastroenterology | gynecology | hepatology | ENT | cardiology | neuro surgery | neurology | oncology | ophthalmology | pneumology | rheumatology | urology
Clinical Trial Centre Leipzig (German: ZKS Leipzig)
an institution of the Faculty of Medicine of the University of Leipzig

30 fields of MCL active in clinical research:
- angiology
- anesthesiology
- dermatology
- endocrinology
- gastroenterology
- gynecology
- hepatology
- ENT
- cardiology
- neurosurgery
- neurology
- oncology
- ophthalmology
- pneumology
- rheumatology
- urology

Regional network:
- Heart Centre of the University Hospital Leipzig
- Heinrich-Braun-Hospital Zwickau

KKS
- Coordinating Centre for clinical Trials (German KKS): Scientific coordination of investigator initiated trials (IITs)

SMO
- Site Management Organisation (SMO): central services at the study sites of the MCL

ACADEMY
- basic and advanced training courses / Master of Science in Clinical Research
Infrastructure for Clinical Trials
at the University Hospital Leipzig and the Faculty of Medicine at the Leipzig University

The Medical Centre Leipzig has an efficient infrastructure for the implementation of clinical trials. Apart from the Clinical Trial Centre (CTC/ZKS) Leipzig and the tight interlinkage of all study active departments, there are infrastructural facilities, which ensure, as service providers, an efficient and save (GCP- and GMP conform) implementation of clinical trials.

**Pharmacy**
- ordering, storing, distributing, and documenting of trail medication
- shipping of study goods
- blinding and randomization
- disposal of expired or remaining investigational drugs
- optimal storing conditions
- continuous pharma monitoring
- ISO 9001:2008 certified
- manufacturing license for clinical investigational drugs according to the German §13 AMG

**Nuclear medicine**
- PET / PET-CT / PET-MRT / SPECT / SPECT-CT
- drug occupancy and dose-finding trials
- incorporation dosimetry
- manufacturing of radio pharmaceuticals
- manufacturing license according to §13 AMG
- clinical testing/optimizing of imaging systems for nuclear medicine
- image data processing and modeling
- pre-clinical imaging
- EARL accredited center
- GMP- and GCP-conform service provision

**Pathology**
- reference pathology
- immuno-chemical analysis
- extraction of fresh tissue samples and cell culture analysis
- determination of the MGMT-promotor-status
- determination of HPV-status
- molecular-pathological examinations
- shipping of tissue samples

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Echocardiographic-Lab
at the University Hospital Leipzig

The Echocardiographic Laboratories of the University Hospital Leipzig belong to the most modern facilities of their kind in Germany. The laboratory has been certified on a European level, and about 13,000 patients per year are being examined there. Since the year 2001, we have contributed to more than 20 clinical trials. The laboratory can perform all modern echocardiographic procedures (e.g. Deformation Imaging, multidimensional TTE and TEE as well as contrast- and stress-echocardiography).

Major indications
- diseases of heart valves and postoperative evaluation
- imaging of the coronary arteries and the coronary flux
- coronary heart diseases, LV-Deformation Imaging
- congenital heart defects in adults

Our services and equipment
- drafting of an illustrated, detailed and comprehensible study protocol
- conducting of a test run for correct digital documentation and transmission of the imaging data
- audits and visits at the participating trial centers to review the equipment standards, the examination qualification and the documentation standards
- for the statistic and biometric planning and analysis close collaboration with the Institute of Medical Informatics, Statistics and Epidemiology (IMISE) at the University of Leipzig
- consultation of industrial partners in planning of echocardiographic procedures
- high quality in imaging data, effective procedures in the CoreLab
Institute of Laboratory Medicine, Clinical Chemistry and Molecular Diagnostics (ILM)
University Hospital Leipzig / Medical Faculty Leipzig

The accredited Institute for Laboratory Medicine has more than 10 years of experience in successful laboratory-diagnostics in national and international clinical trials on-site. The laboratory work is based on the GLP and the guidelines of the FDA and EMA.

Main areas
- pharmacokinetics / pharmacodynamics (method development, analysis)
- immunogenicity examinations of therapeutic proteins
- safety laboratory
- consultation about regulatory procedures
- medical-scientific consultation
- methodical-scientific consultation

Services
- full range of the clinical and molecular laboratory diagnostics
- electronical result reporting via data export, email, FTP
- international shipping management
- training of study centers
- drafting of laboratory manuals for clinical trials
- provision of laboratory materials/Kit design
- long-term storage of trial specimens at minus 80 degrees Celsius

About ILM
- laboratory diagnostics based on GLP
- controlled specimen collection 24 hours /day, also on Sundays and holidays
- central European location with a very good traffic infrastructure (airport)
- offering of packet solutions for examinations of pharmacokinetics, pharmacodynamics, and immunogenicity (Ligand-bindings-, cellular based assays)
- accreditation according to guidelines 98/79/EG and DIN EN ISO/IEC 17025 as well as 93/42/EWG, 90/385/EWG and DIN EN ISO 15189
Clinic and Polyclinic for Ophthalmology at the University Hospital Leipzig

The Clinic for Ophthalmology in Leipzig provides all sub- and special fields of ophthalmology. There is a ward with 29 treatment units and functional areas for different purposes. In the division for functional diagnostics, special ophthalmological procedures are being conducted with the most modern devices. Additionally, clinic can perform all current laser therapies.

Major indications
- age-related macular degeneration
- retina and vitreous body surgery
- laser therapy in patients with retinal diseases, cataract, glaucoma and tumors
- glaucoma
- premature infant retinopathy
- neuroophthalmology
- functional diagnostic of the visual system

Clinical research
- processing of more than 120 phase II to IV trials since 2000
- outpatient study clinic with two study nurses and physicians
- EVICR.net certified institution for clinical trials

Our services and equipment
- Heidelberger Retina Angiograph (HRA 2) + Spectralis OCT including anterior segment module, macular pigment density measurement, slit-lamp- and fundus photography, color test, Optos wide-angle-photography
- device for measuring the intraocular pressure via contact- and non-contact procedures
- perimetry Goldmann, oculus Twinfield, Heidelberg Edge perimeter (HEP)
- laser-polarization-measurement of the retinal nerval fiber layer
- possible are furthermore electroretiongram (ERG), electrooculography (EOG) as well as visually evoked cortical potentials (VECP)
Breast Centre
at the University Hospital Leipzig

The Breast Center at the University Hospital has been for more than 10 years the central contact point for patients with breast cancer. Due to its position on the medical campus, it provides the most modern diagnostic and therapeutic opportunities. The interlocking of patient care, teaching and research leads to a high quality of patient care.

Our services and equipment

- special study unit for conducting clinical trials in collaboration with the UCCL
- interdisciplinary network of specialists of all therapies for patients with breast cancer: gynecology, diagnostic radiology, radiation therapy, nuclear medicine, pathology, psycho-oncology and human genetics
- most modern diagnostic equipment: mammography | sonography | mamma-MRT | bone scintigraphy | computer tomography | PET-CT on-site
Clinic and Polyclinic for Dermatology, Venereology and Allergology at the University Hospital Leipzig

The clinic for dermatology, venereology, and allergology builds on a long tradition of over 110 years of treating dermatological diseases. It provides a broad spectrum of all modern therapeutic procedures and has a strong clinical research unit with long-standing experience in phases I/II to IV trials.

Major indications
- psoriasis
- malign melanoma / non-melanocytic neoplasia of the skin
- allergies
- autoimmunity
- chronic wounds
- laser / cosmetic
- andrology

The clinic in numbers
- about 20 trials per year
- 2,246 stationary cases | 12,132 outpatient cases per year
- 3,140 procedures per year in- and outpatients
- 12 clinical investigators and 2 study nurses

Our services and equipment
- spatially independent clinical research unit
- in-house mycological and dermal-histological laboratory
- scientific imaging and graphics
- ultrasound devices, ECP-devices
- several fully equipped operating-rooms (ORs)
- light therapy section (UVB311, UVA/UVB, UVA1, PDD/PDT)
- ECG, monitoring screens, emergency equipment
Clinic and Polyclinic for Diagnostic and Interventional Radiology at the University Hospital Leipzig

The university radiology provides the complete radiologic-diagnostic spectrum. The clinic is a substantial part of the certified board for tumors of the gastrointestinal tract, mammae, prostate, lungs, as well as of bones and soft tissue. Since 1999, the clinic has a very active study unit at its disposal, which implements clinical trials and its own research projects.

Major indications
- tumor diagnostics and minimal invasive therapy
- thoracic diseases
- angiographic diagnostics and therapies
- illnesses of the abdominal and pelvic organs
- muscular-skeletal diseases

The clinic in numbers
- certified team of clinical investigators and comprehensive study coordination
- modern equipment on highest technical level
- involvement in over 300 trials since 1999
- about 150,000 patients per year

Our Services
- most modern diagnostic procedures in imaging: X-ray examination | magnetic resonance tomography (MRT) | computer tomography (CT) | mammography/mamma sonography | angiography | ultrasound examinations | bone density measurement (osteodensitometry)
- worldwide cooperation with imaging companies
- digital imaging archiving and communication system (PACS)
Our division offers qualified treatment for in and out patients who suffer from infections or tropical diseases. It is also engaged in extending the infectiological competence of the University Hospital via the Center for Infection Medicine, founded in end of 2015. Our experts are active in the medical teaching at the Leipzig University, in interdisciplinary cooperations and in clinical trials of the phases II – IV.

Major indications
- Clostridium-difficile-infections, bacterial sepsis, bone and joint infections, inflammatory bowel disease, unclear fever and inflammatory symptoms, multisistant pathogens
- septic arthritis
- tropical diseases e.g. yellow fever, malaria, Dengue fever, tropical parasitos
- HIV infections [authorized out-patient clinic]

Our services and equipment
- participation in clinical trials in co-operation with the clinic of gastroenterology, especially in the fields of multi resistant pathogens, Clostridium-difficile-infections, new antibiotics, antibiotic stewardship (ABS), vaccinations/travel medicine
- diagnostics and therapies for in- and outpatients with infections and tropical diseases including the consultations and vaccinations before travelling (including yellow fever vaccinations)
- medical consulting in the field of infection medicine for the complete University Hospital
- infektiologische laboratory diagnostics and further examination procedures in close co-operation with the Institute for Medical Microbiology and Infection Epidemiology as well as with the Institute for Virology

Clinic and Polyclinic for Gastroenterology and Rheumatology at the University Hospital Leipzig

Our clinic is a highly specialized division in the field of internal medicine, for gastroenterologist, hepatologist and rheumatologist diseases as well as geriatrics, infectiology, and tropical medicine. In close collaboration with the University Cancer Center Leipzig (UKCL) and in association with the tumor center at the University Hospital Leipzig the treatment and after care of cancer patients are on the highest level.

Major indications
- pancreatic diseases
- chronic inflammatory bowel diseases
- gastric and esophageal diseases
- malignant diseases of the gastrointestinal tract (in cooperation with the UCCL)
- proctologic diseases
- neuroendocrine tumors of the gastrointestinal tract

Clinical Research
- participation / management of prospective, randomized multicenter studies
- genome-wide association studies in pancreatic diseases
- clinical trials phase II – V
- "from bench to bedside": co-operations with our own and DFG sponsored basic research projects
- 5 principal investigators, 1 study nurse

Our services and equipment
- about 3000 inpatient and more than 500 outpatient treatments per year
- molecularagnostische diagnostics of pancreatic diseases
- comprehensive diagnostic and therapeutic procedures in the gastrointestinal endoscopy (e.g. ERCP, PTCD, TIPS, photodynamic laser therapy, necroscopy, mucosal ectomy, chromoendoscopy)
- sonography (e.g. new diagnostic procedures such as 3D-sonography, ARI, elastography), gastrointestinal functional diagnostics
- comprehensive laboratory diagnostics in co-operation with the respective institutes of the clinics
SECTION Hepatology

The main focus of our section, which exists since December 2009, is on the state-of-the-art and comprehensive differential diagnosis and treatment of patients with liver diseases, using the latest diagnostic and medical technology. The participation in numerous trials enables us to provide novel therapies.

Major indications
- acute and chronic viral hepatites (B/D, C, E)
- hepatobiliary tumors (HCC, CCC)
- autoimmune disorders of the liver (PBC, PSC)
- fatty liver diseases (AFLD, NAFLD)
- fibrosis progression of the liver
- drug-induced liver disorders (DILI)
- interdisciplinary collaboration in liver transplantsations

Clinical research
- over 1,000 outpatient treatments per year
- 9 clinical investigators | 2 study nurses
- clinical trials phase II-IV
- about 50 trial patients per year
- about 15 new clinical trials of the hepatological outpatient clinic per year
- participation of the hepatological research laboratory in 8 clinical trials
- case series and epidemiological trials

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SECTION Rheumatology

For years, the rheumatological research outpatient clinic has performed clinical trials of the phases Ib to III. Presently, trials are being implemented with the help of a study coordinator, several part-time study nurses, as well as the specialist rheumatologists of the section as clinical investigators.

Major indications
- rheumatologist arthritis
- psoriatic arthritis
- Bechterew’s disease
- vasculitis
- collagenoses
- systemic lupus erythematosus (SLE)

The section in numbers
- about 1,000 inpatients and more than 1,500 outpatients per quarter
- implementation of about 13 clinical trials per year
- 3 clinical investigators | 2.5 study assistants
- 5 special outpatient clinics

Our services and equipment
- joint ultrasound and joint punctures, on-campus research laboratory, specialized diagnostics
- GC-Certified study personnel
- ultrasonic device for arthrosonography
Clinic and Poly clinic for Otorhinolaryngology (ENT) at the University Hospital Leipzig

The University Ear-Nose-Throat (ENT)-clinic is one of the oldest in Germany and looks back on a long tradition. Due to its continuous professional trainings and its international involvement in the development of new therapeutic approaches, the clinic has developed into a supra-regional center for ENT medicine.

Major indications
- head and neck tumors including salivary glands
- cochlea implantation and rehabilitation
- surgery of the middle and inner ear as well as the external ear
- operations on the larynx and the trachea
- aesthetic plastic surgery
- nose and paranasal sinus surgery
- allergic ENT diseases

The clinic in numbers
- over 20 phase I to III trials since 2008
- approximately 250 new cases of oncological illnesses
- over 50 free flap reconstructions
- approximately 2,800 cases per year
- 48 beds for inpatients

Our services and equipment
- interdisciplinary collaboration with the University Cancer Center Leipzig (UCCL)
- research laboratory for molecular characterization of ENT tumors
- training courses with the International Reference and Development Centre for Surgical Technology
- sub-unit of the ICCAS (Innovation Center Computer Assisted Surgery)
- established international training center for ENT surgeons and phoniatrists
- study unit with study assistant and study coordinator, experienced in trials according to the German Medicinal Products Act and Medicinal Devices Act
University Cancer Center Leipzig (UCCL) at the University Hospital Leipzig

The UCCL has been founded in 2012 as a central location for interdisciplinary, oncological diagnostics and treatment at the University Hospital Leipzig. Besides its management of central tasks in the field of oncological therapy, the UCCL is also developing a variety of activities in clinical and translational cancer research. The UCCL received in October 2015 the certification as an Oncological Center by the German Cancer Association.

Major indications
- tumors of the upper gastrointestinal tract: stomach, esophagus, pancreas
- colorectal cancer
- breast cancer | ovarian cancer | sarcoma
- head and neck tumors
- psychosocial research and palliative care

Clinical research
- established study unit of the CTC Leipzig
- interdisciplinary team of investigators / physicians
- expertise for clinical phase I to III trials
- designated bio-imaging-facility (PET/CT, PET/MRT)
- laboratory expertise for additional scientific analyses

Our services
- core team of specialists (qualification: hematology, oncology)
- outpatient clinic with general tumor consultation | special consultation hours
- central chemotherapy unit with 12 treatment units
- close cooperation with all oncological disciplines
- tumor boards in all medical fields / departments
- networking in the region of Leipzig/Saxony/Central Germany
- close cooperation with the most important national and international research groups, especially AIO, EORTC and U.S. Intergroup
Clinic and Polyclinic for Neurosurgery at the University Hospital Leipzig

The clinic provides the whole range of neurosurgery, including pediatric and functional surgery as well as the neurosurgical intensive therapy. Within clinical trials, the clinic participates directly in the implementation of new therapeutic approaches within the treatment of neuro-oncological and acute neurosurgical diseases after traumatic brain injury, subarachnoid hemorrhage, and stroke.

**Major indications**
- brain tumor surgery
- basal skull surgery
- aneurism and angioma surgery
- functional neurosurgery
- plexus and periphery nerve surgery
- spinal tumor surgery
- degenerative spine diseases
- dementia
- surgical therapy of strokes
- traumatic brain injury, subarachnoid hemorrhage
- experimental neuro-oncology
- experimental intracranial injury and neuro-regeneration

**Our services**
- regular participation in national and international multi-center trials of phase II and III
- 4 especially qualified clinical investigators
- certified trans-regional stroke unit
- certified trans-regional trauma center
- interdisciplinary tumor board for malign CNS diseases
- own research laboratory as genetic engineering laboratory of the security level S1
Clinic and Polyclinic for Neurology
at the University Hospital Leipzig

The Clinic for Neurology covers the whole range of neurological diseases and our trained team of physicians makes for an intensive treatment of the patients. The implementation of clinical trials in various indications allows us to provide new and innovative therapies for many patients.

Major indications
- Parkinson’s disease and movement disorders
- neuro-immunological illnesses (multiple sclerosis, chronic neuritis)
- stroke
- epilepsy
- neuro-muscular diseases (e.g. myositis, myasthenia gravis, muscular dystrophy and amyotrophic lateral sclerosis, polyneuropathy)
- clinical neurophysiology

Our services and equipment
- special study units for the support of clinical trials with 4 study nurses
- 15 clinical investigators with experience in the implementation of clinical trials including certified knowledge on ICH-GCP and of the respective national regularities
- implementation of over 200 study projects of the phases I to IV since 1995
- special epilepsy monitoring unit
- intensive care unit and specialized stroke unit
- certified Neuromuscular Center of the German Association for Muscular Dystrophy (registered association)
Division of Neuroradiology
at the University Hospital Leipzig

The Division of Neuroradiology offers the complete spectrum of specialized diagnostics and minimal-invasive therapy of diseases of the brain, the spinal cord, the skull, and the spine. We cooperate with many clinics of the University Hospital and with external clinical and scientific institutions.

Scientific focus points
- cerebrovascular diseases
- pre- and post-operative diagnostics in case of brain tumors
- multimodal imaging with MRT-PET (molecular MR)
- regenerative therapy of the central nervous system (stroke)
- cerebral MR-elastography
- neuro-immunologic diseases

Clinical research
- participation in more than 50 clinical trials since 2000
- certified team of clinical investigators and comprehensive study coordination
- intensive collaboration with clinics of the University Hospital conducting trials and with other regional or national partners
- patient management of all participating study centers
- documentation/administration of the study results

Our services and equipment
- comprehensive equipment on highest technical level: computer tomography (CT) | myelography/CT-myelography | magnet resonance tomography (MRT) | digital subtraction angiography (DSA)
- protocol implementation and protocol compliant test runs of the devices
- digital filing of images and communications system (PACS)
- processing and transmitting of imaging data
Division of Pneumology
at the University Hospital Leipzig

The independent Division of Pneumology provides the whole spectrum of diagnostic procedures and therapeutic options, which are state of the art in pneumology. The division includes 42 clinical beds, a sleep laboratory, a specialized outpatient clinic, and a research laboratory.

Major indications
- pulmonary hypertension
- pneumological oncology
- lung transplantation
- mucoviscidosis
- interstitial lung disease
- COPD and pneumonia
- rare lung diseases, e.g. LAM

Clinical research
- participation in more than 35 pharmaceutical trials as well as investigator initiated trials in the last 14 years
- certified and skilled staff in the medical and coordinating field
- experience with interdisciplinary trials

Our services and equipment
- endoscopy including all non-invasive and invasive diagnostics and therapeutic procedures (ultrasound/laser/cryo/stent/valves)
- right heart catheter measuring station, echocardiography
- complete lung function diagnostics
- ergo spirometry
- respiratory diagnostic procedures
- sleep laboratory (4 measuring stations)

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Section for Psychosocial Oncology / Division for Medical Psychology and Medical Sociology at the University Hospital Leipzig

The Section for Psychosocial Oncology was established in October 2012. It is in charge of the psychosocial patient care, scientific issues, university teaching, and the professional training covering the various psychosocial aspects of patients with cancer and their relatives. The “Psychosocial Counselling Center for Tumor Patients and their Relatives” is affiliated with the division.

Major indications
- all malign tumor diseases in all phases of the illness and treatment
- the main focus in research lies on:
  - hematological cancer diseases
  - breast cancer
  - colorectal cancer diseases
  - head and neck tumors

Clinical research
- quality of life
- evaluation of the outpatient cancer consultation
- psychotherapy in cancer patients
- psycho-oncological palliative patient care
- rehabilitation, prevention, and survivorship

Our services
- collaboration with physicians and scientists in oncology, interdisciplinary work on regional, national, and international level
- implementation of psycho-oncological, scientific symposiums, and patient events
- psycho-oncological expertise and evaluation of patient care and its structures
- participation in tumor boards

Major indications
- all malign tumor diseases in all phases of the illness and treatment
- the main focus in research lies on:
  - hematological cancer diseases
  - breast cancer
  - colorectal cancer diseases
  - head and neck tumors
Clinic and Polyclinic for Radiation Therapy at the University Hospital Leipzig

The clinic focuses on the optimal patient care, that is clinical treatment, consultation, and follow-up care of patients with malignant tumor diseases. The clinic also strives to participate in a broad range of clinical trials and to offer patients the possibility to take part in these.

**Major indications**
- breast cancer
- prostate cancer
- tumors of the CNS
- gynecological tumors
- lung tumors
- gastrointestinal tumors
- head and neck tumors
- tumors in early childhood

**The clinic in numbers**
- treatment of 2,000 patients per year
- 40 inpatient beds
- 10 certified clinical investigators
- two especially qualified study nurses

**Our services and equipment**
- 4 linear accelerators (6-10 MV) with imaging systems
- radiation systems (IMRT RapidArc technology)
- CT for radiation planning
- implementation of radio-chemotherapy
- stereotaxis with micro-multileaf collimator
- image-based HDR-brachytherapy
- reference center for brain tumor in childhood / implementation of respective trials
- own research laboratory
- extensive computer-based network for archiving the data
Clinic and Polyclinic for Urology at the University Hospital Leipzig

In this clinic modern methods of diagnostics and treatment are utilized to treat benign as well as malign diseases of the urinary tract (kidneys, ureter, bladder, urethra) as well as the male sexual organs (penis, testicles, prostate). For many years, the clinic has engaged in the fields of basic and clinical research.

**Major indications**
- urological tumors (prostate, kidney-cell, bladder, testicle, penis carcinoma)
- lithiasis (kidney, ureter, bladder)
- benign prostate enlargement
- constrictions of the ureter and urethra
- neurogenic bladder dysfunction, incontinence
- erectile dysfunction

**Clinical research**
- certified team of principal investigators consisting of 8 physicians, study assistance and study coordination
- extensive study activity concerning medicinal tumor therapy
- development of new techniques for minimal-invasive urological surgery (endourology, laparoscopy and robot-assisted operations) for example endoscopic extra peritoneal radical prostatectomy (EERPE)
- basic and clinical research of interstitial cystitis and bladder-hyper function

**Our services and equipment**
- certified center for prostate carcinoma and continence
- Center of Excellence for minimal-invasive urological surgery
- application of latest laser techniques | endoscopic department on highest technical level | x-ray devices | sonographic systems
- complete spectrum of robot-assisted surgery (daVinci)
- video-urodynamic measuring station | modern cell-biological research laboratory