Prof. Dr. Dr. h.c. Peter Plinkert, executive director
Clinic for ENT-Medicine at the University of Heidelberg with Policlinic.
Heidelberg

Otorhinolaryngology/Head- and Neck surgery, Tumour biology

> Spectrum of Treatments:
In this modern and well-equipped clinic the complete spectrum of the conservative and operative ENT medicine is offered. Special focus:

Oncology: Patients with cancer can be offered an optimal and individualised treatment of tissue defects by using a combination of progressive and up-to-date surgical therapy, plastic-reconstructive surgery, epithelial treatments, radiation or chemo therapy as well as by cooperating with the National Center for Tumour Diseases (NCT).

Otology: Illnesses of the middle ear, as well as of the sense of hearing and balance are treated conservatively or by performing hearing improving micro surgical operations including the Cochlear Implant as well as skull-base surgeries incl. the acoustic neurinoma surgery. Also done are active middle ear implants, such as rSoundbridge®and the bone-anchored hearing device rBAHA®

Rhinology: The treatment of the nose and paranasal sinuses includes various potential medical procedures ranging from allergy therapy to functional endoscopic surgery of the paranasal sinuses. During these surgeries an intraoperative navigation can be undertaken. The correction of the external shape of the nose (septorhinoplastics) is performed to achieve improvement of the nose breathing or in case of congenital malformations or malformations caused by accident.

Laryngology: diseases of the larynx and the tracheae require special diagnoses such as e.g. stroboscopy, pH-metry and myography. The main focus of the operative treatment spectrum lies on voice improvement interventions ("phono surgery") and the surgery of tracheal and laryngeal stenosis (the so-called rCrico-tracheal resection® in case of laryngo-tracheal stenosis). Hypopharynx diverticles are operated on gently and minimally invasively by using endoscopic LASER-tissue bridge division.

Performance Record: The performance of the University ENT Clinic in the year 2005 can be summarised under the following parameters: total surgeries: 4615, of which 1166 ambulantly and 4456 stationary patients. Average stay at clinic: 4.4 days. Overall 45519 ambulant treatments, of which 16285 new entrants

Research: A close collaboration between clinical care and research is ensured by the scientists working in one audiologic and three biomolecular laboratories. The research activity of the University ENT-Clinic is focused in a total of nine scientific working groups, which take place within these laboratories but also in collaboration with external partners.
Phoniatry and Paedaudiology:

Head:
Dr. C. Hornberger
ENT Specialist, medical specialist for Phoniatry and Paedaudiology

>> Clinical Spectrum of Treatments:

Examination and treatment in case of suspected or confirmed:

**Paediatric defective hearing**
Retardation of language development, language disorders and impairments

**Autism and mutism:**
auditory perception disorders, also within the scope of reading and spelling problems.

**Language disorders of the adult** (e.g. after a stroke).

**Paediatric speech disorders** (e.g. lisping, stuttering/stammering)

**Speech disorders of the adult** (e.g. stuttering/stammering, inarticulate speech after surgery, accident or stroke)

**Voice disorders of children and adults** (e.g. hoarseness, voice failures, twanging, also after surgeries, such as after cleft lip and palate surgeries)

**Dysphagia** of children and adults
Examinations only after prior telephonic arrangement.

Special Consultation Hours - Therapies

**Allergy Consultancy:**
Allergies are on the rise all over the world and are often only diagnosed at a very late stage. The allergy consultation of the Heidelberg University ENT Clinic focuses on the examination of the allergies of the upper respiratory tracts. By means of extensive elevation of the patient history, skin tests, nasal provocation tests, checking of the lung reactions to allergens and blood tests patients are tested on the existence of an allergy.

Therapies:
The spectrum of the treatment ranges from the symptomatic therapy, the specific immunotherapy, the adaptive acetylsalicylic acid-desactivation to accompanying surgical measures.
Through close cooperation with the skin clinic, the paediatric clinic and the internal clinic of the Heidelberg University it is possible to also offer multi-disciplinary allergy diagnosis and therapy in Heidelberg.

**Paediatric consultancy:**
The paediatric consultancy welcomes all children and teenagers up to the age of 18 years, who do not need to present themselves in one of the other consultancies. The aim of this consultancy is fast and efficient service for the children and their parents through direct and timely specialised medical care.

**Consultancy for Tumour Diseases in the ENT Sector**
- ENT i NCT i Consultancy1
- ENT i Tumourboard in NCT2
- ENT i Radiological interdisciplinary Consultancy1

In cooperation with the National Center for Tumour Diseases (NCT) as well as with the Department for radiooncology and radiation therapy of the radiology clinic, the three above-mentioned consultancies are offered for patients with complex tumour diseases in the ENT sector.
Apart from establishing second opinions, multidisciplinary concepts involving the most recent scientific findings are used for the tumour therapy.
Laryngologic Consultancy
For patients with diseases of the larynx (especially organic dysphonia) and the tracheae (especially stenosis) the laryngological consultancy offers a special contact point. Basically one differentiates between functional and organic voice disorders.
In cases of functional voice disorders, the simple examination of the larynx does not show any anatomical variations. Only the stroboscopy makes it possible to recognise a potentially defective operation of the vibrations of the vocal chords. In the majority of the cases functional voice disorders can be influenced positively by a voice training treatment (speech therapy). Functional voice disorders are diagnosed and treated in the department for voice and speech disorders.
In cases of organic voice disorders, structural variations of the larynx are visible. A modern digital video archiving system allows fast comparison to earlier pre-diagnostics results at any time.

Otologic Consultancy
The Otology (ear medicine) deals with diseases, injuries and malformations of the ear and its neighbouring structures. The following indications need to be mentioned especially: chronic middle ear infection including cholesteatoma, the conductive deafness (e.g. otosclerosis), the labyrinthine hearing loss, Tinnitus and deafness (e.g. pre cochlear implantation).
In this consultancy patients with all ear diseases are examined, counseled, treated and provided with after-care by medical specialists. Every suggestion for a surgical or conservative therapy is preceded by a careful diagnostic analysis through audiologic and if applicable neuroradiologic procedures.
The neuro-otology department deals with patients who suffer from vertigo-diseases (e.g. Meniere’s disease, benign positional vertigo, greater vestibular gland.)

Consultancy for Plastic Surgery
In the consultancy for plastic surgery mainly patients are attended to who desire a rhinoplasty (correction of the outer nose shape) for functional, esthetic or reconstructive reasons. By means of preoperative photographs patients are individually counseled on possibilities and limitations as well as on the different surgical procedures. Also the 2-yearly after-care takes place in this consultancy.

Skull-base and Dysphagia Consultancy
In the consultancy for skull-base and dysphagia patients with tumours of the skull-base (e.g. acoustic neurinoma or glomus tumours) are attended to. Furthermore it addresses patients with swallowing problems, especially if these occurred after a tumour and its treatment. During the functional examination if possible substances of different consistency (liquid, mash, and solid food) are given under fibroendoscopic control and thereby the swallowing process in his different phases is checked and assessed.
After the examination a differentiated analysis regarding alimentation (possibilities of oral or enteral nutrition), the tracheal cannula management is made and recommendations for further therapeutic procedure are given.

Diving Consultancy
The Heidelberg diving consultancy addresses divers who have questions or problems regarding the ENT medical sector. Based on a big number of divers who used this service since January 2002 and were examined under partly very specialised aspects, also rare problems can be considered.

Tumour Consultancy
In the tumour consultancy regular after-care examinations of patients take place, whose tumour disease was treated surgically, using radiation therapy and/or chemo therapy. Integrated is a service for rehabilitation measures, especially voice-rehabilitation and diet consultancy.
Languages/ Specialties:

Languages: German, English, French, Russian, Arabic, Greek, Rumanian, Luxembourgian

Patients in the Focus
At the University-ENT-Clinic Heidelberg patients are in the focus of action. A team of highly qualified doctors, nursing staff, medical-technical assistants and administrative employees, who can resort to a clinic equipped with the most modern technology, ensures optimal care of patients. Depending on the individual disease pattern, special consultancies, individual therapy forms or special surgical techniques can be applied. Close cooperation with specialists of other departments and scientists can ensure especially for cancer medicine that the most recent findings are used for individual therapies of our patients. At the same time we are active in research to further advance the level of medical knowledge. As a member of one of the most recognised medical faculties we ensure that our well-trained students will become the good physicians of tomorrow.

Concept Head Clinic
The University ENT Clinic Heidelberg is integrated into the modern concept of a head clinic, i.e. all medical disciplines dealing with the organic systems of the anatomical region head (apart from Otorhinolaryngology, Ophthalmology, Mouth-, tooth-, jaw medicine, Neurology, Neuro Surgery and Radiology), are located in the clinic building completed in 1987. Thus, there are ideal conditions for the interdisciplinary care and treatment of patients if necessary.

Clinic Facilities and Equipment
The clinic disposes of 3,5 operating rooms within the central operating theatre, all of which are equipped with the latest surgery microscopes, digital endoscopes and video technology. As a special highlight a computer tomography is available for shared use, which makes intraoperative CT-scans possible. Additionally neuronavigation can be performed and updated intraoperatively.
In the outpatient clinic there are seven fully equipped examination units, one ambulant operation theatre and a diagnostic functional unit for all technical examinations and tests of the audiology, neurootology, rhinology and laryngology department.

In the inpatient section our patients are accommodated in friendly 2-bed rooms, each with own bathroom.

Address:

Universitätsklinikum Heidelberg
Im Neuenheimer Feld 400
D-69120 Heidelberg
Germany
Telephone: +49-6221 / 56 6701 Telefax: +49- 06221 / 56 4641
E-Mail: hno@speculum-online.de Website: http://www.klinikum.uni-heidelberg.de

This service is presented to you by monsana ag. We are happy to support you in organising your stay at a clinic in western Europe.
All these facts have been collected according to our best knowledge. Nevertheless we cannot guarantee or take responsibilities for their correctness. Last change: 30 January 2009