Oto-Rhino-Laryngology

1. Staffs and Students (April, 2009)

- **Professor** Ken KITAMURA
- **Associate Professor** Atsunobu TSUNODA
- **Assistant Professor** Yasuhiro SUZUKI, Taku ITO
- **Hospital Staff** Taro SUGIMOTO, Yoshihiro NOGUCHI, Akemi IWASAKI, Kazuchika ONO, Yousuke ARIIZUMI, Yuji NAKAMURA, Koji HAGINO, Takao TOKUMARU, Naoto TAKAHASHI, Tomofumi KATO, Taro FUJIKAWA, Masatoki TAKAHASHI
- **Research Student** Yoshimi TAMEKUCHI, Katsura YAMAMOTO, Palida AIHAITI

2. Purpose of Education

**Pre-graduate clinical education**

Clinical systematic lecture covers anatomy, a general idea of diseases, their pathological conditions and treatments in the field of otorhinolaryngology. Clinical clerkship I (general diagnostic training) provides instruction in the diagnosis and testing techniques of the otorhinolaryngological field; clinical clerkship II (clinical training) provides detailed explanations of disease mechanisms, training in the performance of examinations, and clinical responsibilities involving both inpatient and outpatient care. Clinical clerkship III provides advanced training beyond the scope of clinical clerkship II. In particular, students develop an advanced understanding of otorhinolaryngological diseases by conducting outpatient procedures (including taking histories, visual inspection, and palpation), and gaining practical experience in assessment and diagnosis of patients’ conditions. Furthermore, in the third clinical clerkship, students also attend a “micro-conference” on teaching. Finally, students are assigned to patients throughout their treatment, consistently dealing with the same individuals before, during, and after surgery; this allows the students to become familiar with the course of clinical care.

3. Research Subjects

1) Deafness gene analysis
2) Neurophysiological study of hearing
3) Histoanatomical study of ear, nose, throat, head, and neck
4) Eye movement analysis in patients with dizziness
5) Clinical study of treatment and prognosis in patients with allergic rhinitis
6) Treatment of tinnitus
7) Treatment using endoscope

4. Clinical Services

Otorhinolaryngology clinic provides full examinations and treatment for diseases in ear, nose, throat, head, and neck, including dizziness, sudden deafness, facial palsy, infectious disease and benign as well as malignant disease in the otorhinolaryngeal area. We have performed the first implementation of bone anchored hearing aid implant in Japan and since then we have experienced many patients for this surgery. We also have performed surgery for patients with malignant disease as well as skull base lesions in collaboration with the Department of the Head and Neck Surgery. Our outpatient clinic includes general ear, nose and throat clinic as well as allergy, dizziness, otitis media, tumor, deafness, and tinnitus clinic.

5. Publications

**Original Articles**

1. Yagi H, Noguchi Y, Kitamura K, Sato M: Deficiency of Vlgr1 resulted in deafness and susceptibility to audiogenic seizures while the degree of hearing impairment was not correlated with seizure severity in C57BL/6- and 129-backcrossed lines of Vlgr1 knockout mice. Neurosci Lett 461:190-5, 2009.


Conference Presentations


