

講義ユニット名 Title of Lecture	Otorhinolaryngology		所属科目名 Title of Course	Clinical diagnosis and treatment II
講義ユニット責任者 Responsible Instructor	HIRAKAWA KATSUHIRO	所属 Affiliation	Otorhinolaryngology, Head and Neck Surgery (内線 Ext. Number 5250)	
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講義ユニットコーディネーター Lecture Coordinator	IMON KENTARO	所属 Affiliation	Otorhinolaryngology, Head and Neck Surgery (内線 Ext. Number 5252)	
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授業方法 Lesson Style	Lectures using Power Point slides.			
概要 Overview	<p>Otorhinolaryngology, Head and Neck Surgery is a specialized field that diagnoses and treats diseases of the upper respiratory tract and sensory organs of the head and neck. As our society is aging, the incidence of diseases in this field is increasing and treatments for these diseases range widely, from medical to surgical treatments. In treating patients with these diseases, collaboration with border region departments and disease-related departments is necessary. In the Otorhinolaryngology field, endoscopic surgery and minimally invasive surgery, which have increasingly been used and developed in recent years, have been adopted earlier than in any other field. In the Head and Neck Surgery field, extended surgical procedures have also been performed frequently., In addition to acquiring knowledge of diseases in the otorhinolaryngology, Head and Neck surgery fields, clinicians are required to understand border region diseases and diseases whose treatment involves multiple disciplines.</p> <p>The objective of this unit is to deepen the understanding of diseases in the otorhinolaryngology, and Head and Neck surgery fields, as well as in borderer fields that are necessary for the clinician.</p>			

<p>講義ユニットの 到達目標 Academic Goals</p>	<p>Explain the composition of bones of the head and face.</p> <p>Explain the structures and functions of the teeth, the tongue, and the salivary glands.</p> <p>Explain the mechanism of chewing and swallowing.</p> <p>Illustrate the structures of the external middle and internal ears.</p> <p>Explain the mechanisms for hearing and equilibrium and their neural pathways.</p> <p>Illustrate the structures of the oral cavity, nasal cavity, pharynx and larynx.</p> <p>Explain the function and innervation of the larynx.</p> <p>Explain the equilibrium mechanism in relation to eye movement and postural control.</p> <p>Explain the mechanisms of gustatory and olfactory reception and gustatory and olfactory pathways.</p> <p>Explain audiometry and equilibrium function tests.</p> <p>Explain gustometry and olfactometry.</p> <p>Give an outline of the mechanisms and pathways of visual, auditory/equilibrium, olfactory and gustatory reception.</p> <p>List diseases causing hearing loss, epistaxis, pharyngeal pain, trismus, and recurrent laryngeal nerve palsy (hoarseness) and explain their pathologies.</p> <p>Explain motion sickness and noise nuisance.</p> <p>Give an outline of the characteristics and development of allergic diseases.</p> <p>Give an outline of sleep apnea syndrome.</p> <p>List the types of mediastinal tumors and their diagnosis and treatment.</p> <p>Explain the causes, symptoms and diagnosis of mediastinal emphysema.</p> <p>Explain the causes, diagnosis and treatment of acute upper respiratory tract infection (common cold).</p> <p>Classify thyroid tumors and explain their characteristics.</p> <p>Explain indications and complications of surgical therapy of thyroid diseases.</p> <p>Explain the causes, diagnosis, and treatment of otitis media with effusion, acute otitis media, and chronic otitis media.</p> <p>Distinguish, based on pathology, conductive hearing loss, sensorineural hearing loss, labyrinthine hearing loss, and central hearing loss and explain the treatment options.</p> <p>Distinguish peripheral vertigo and central vertigo and explain their treatment options.</p> <p>Explain predilection sites and hemostasis for epistaxis.</p> <p>Explain the pathology and treatment of sinusitis.</p> <p>Explain the mechanisms underlying nasal allergy (allergic rhinitis).</p> <p>Explain the pathology and treatment of tonsillar inflammatory diseases.</p> <p>Explain the symptoms, diagnosis, and treatment of laryngeal cancer.</p> <p>Explain the indications for tracheostomy.</p> <p>Give an outline of malignant tumors of the nasal/ paranasal cavity, oral cavity, and pharynx.</p>
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<p>講義日程 Class Schedule</p>	See the attached schedule.
<p>出席の取り扱い Class Attendance Policy</p>	<p>Attendance is taken every lecture using the Student Attendance Management System.</p> <p>A student whose attendance is less than two-thirds of all the classes is not eligible for taking the final examination.</p>
<p>評価項目 Evaluation Item</p>	<p>Achievement level of goals (basic understanding and application of knowledge)</p>
<p>評価法 Evaluation Method</p>	Essay examination
<p>履修上のアドバ イス Advice for Taking the Lecture</p>	
<p>推奨参考書 Recommended Reference Books</p>	<p>[Reference books recommended for purchase] <i>Hyojun Jibi Inkoka Tokeibu Gekagaku (Standard Textbook)</i>. Igakushoin [Other references useful for this unit] Lecture handouts</p>