

授業科目名 Title of Course	Introduction to Clinical Clerkship		
対象学年 Eligible Students	Senior students of School of Medicine	単位 Credits	4
科目責任者 Responsible Instructor	AWAI KAZUO	所属 Affiliation	Diagnostic Radiology (内線 Ext. Number 5257)
		メール E-mail	
科目コーディネーター Course Coordinator	MATSUSHITA TAKEHIKO	所属 Affiliation	Center for Medical Education (内線 Ext. Number 6864)
		メール E-mail	
授業方法 Lesson Style	Lectures for all students together and practical training in small groups. In practical training, students practice on each other making diagnoses under the instructor's supervision and acquire skills through repetition.		
概要 Overview	To be prepared for bedside learning, students should not only have knowledge of diseases but also understand what attitude should be expected in treating patients and be equipped with skills to conduct medical interviews and physical examinations correctly. The objective of this program is to help students comprehensively acquire attitudes, knowledge and skills required in clinical settings.		
到達目標 Academic Goals	<p>Explain specifically that many different professionals are involved in healthcare at many different steps.</p> <p>Explain that, in addition to individuals' attentiveness, organizational risk management is important in order to prevent medical accidents.</p> <p>Explain the importance of reporting, communication, consultation and recording in healthcare settings and the illegality of alterations of medical records.</p> <p>Explain the importance of sharing information about healthcare safety (adverse reactions to drugs and other medicinal substances, cases of drug-induced health problems and malpractices (including the background), what must not be done, examples of excellent efforts, and etc.) and the importance of analysis of these pieces of information for better practice in the future.</p> <p>Explain the necessity of developing capabilities required for each occupation and the level to ensure the safety of medical care.</p> <p>Give an outline of how the healthcare safety management system (accident report form, incident reporting, risk management manager, accident prevention committee, and the accident investigation board) should function at medical institutions.</p> <p>Give an outline of causes of healthcare-related infections and methods to prevent them.</p>		

Explain the difference between a medical incident (*hiyari-hatto*) and malpractice.

Explain and implement emergency responses to, and recording and reporting of medical incidents (*hiyari-hatto*), malpractice, and other irregularities.

Explain the social responsibility of doctors for their medical malpractice and penalties (administrative penalty, civil liability, and criminal liability).

Give an outline of basic preventive measures (double checking, the checklist method, improvement of names of drugs, the concept of fail-safe/fool-proof, and etc.) and implement them.

Explain the importance of healthcare (including vaccinations) of healthcare professionals.

Explain the necessity of standard precautions and implement them.

Explain situations where isolation of a patient is necessary.

Explain how to respond to needle-stick injuries.

Explain the necessity of improving the work environment in healthcare settings.

Explain the principle of information management (disclosure of information, protection of individual privacy, data handling ethics, and security).

Explain the types of medical records dealt with in healthcare settings.

List the characteristics and requirements of medical records.

Give an outline of the preparation and management of electronic medical data.

Gather patient information appropriately and prepare problem-oriented medical records (POMRs).

Describe the course of treatment in the SOAP (Subjective findings, Objective findings, Assessment, Plan) format.

Develop a habit of summarizing cases appropriately and present them according to the situation.

Respect patients' perspectives and build trust relationships with them.

Prioritize the safety of patients and respond to any adverse event appropriately.

Give consideration to the privacy, sense of shame, and pain of patients, and keep their private information confidential.

Observe hand washing and sterilization of instruments before and after treating a patient to prevent infection.

Pay attention to appropriate greetings, appearance, and use of words.

Determine if it is possible to treat the patient based on his/her condition and treat him/her according to the condition.

Treat patients using appropriate language, with an appropriate appearance, and with a polite attitude.

Use basic communication skills in medical interviews.

Take a medical history (chief complaint, current medical history, past medical

history, family history, social history, and system review) from a patient and sort out and organize the information.

Explain and report findings of medical examination, the diagnosis, and necessary tests.

Measure height and weight, calculate BMI, and assess nutritional conditions.

Measure blood pressure by palpation and auscultation on the upper arm.

Examine pulses in both radial arteries.

Measure breathing rate to determine the presence or absence of any abnormality in breathing.

Measure body temperature in the armpit.

Perform palpation of lower limb arteries, and measure the blood pressure in the lower limb (by palpation), and in a thigh (by auscultation).

Examine the head (complexion, head hair, scalp, and skull).

Examine the eye (visual field, pupil, light reflex, eye movement/exophthalmos, and conjunctiva).

Examine the ear (auricle and hearing acuity).

Examine the ear canal and eardrum with an otoscope.

Perform a hearing test using a tuning fork.

Examine the labium, oral cavity, and pharynx.

Examine the nasal cavity and paranasal sinus.

Examine the front nasal cavity with a nasal speculum.

Examine the thyroid gland, cervical vessel, and trachea.

Examine the thyroid gland by palpation.

Examine the salivary gland and lymph nodes in the head and neck.

Examine the chest by inspection, palpation, and percussion.

Perform auscultation of respiratory sounds.

Perform auscultation of heart sounds and murmurs.

Detect percussion tenderness in the back.

Examine the abdomen by inspection and auscultation.

Examine the abdomen by percussion and inspection according to the classification.

Determine the presence or absence of peritoneal irritation signs.

Determine the presence or absence of ascites.

Determine the awareness level.

Examine the central nervous system (including ophthalmoscopy).

Examine tendon reflex.

Examine the cerebellar function/motor system.

Examine the sensory system.

Verify meningeal irritation findings.

	<p>Examine the extremities and spine.</p> <p>Examine joints (including joint range of motion).</p> <p>Examine the musculoskeletal system.</p> <p>Collect blood from the vein (simulator acceptable).</p> <p>Operate under sanitary conditions.</p> <p>Perform hand washing for surgical and other procedures.</p> <p>Perform the gowning technique at operating rooms.</p> <p>Perform basic sutures.</p> <p>Sterilize wounds and change gauzes.</p> <p>Perform urine tests (including urinary sediment).</p> <p>Prepare and examine peripheral blood smears.</p> <p>Perform microbiological tests (including Gram staining).</p> <p>Perform a pregnancy test.</p> <p>Perform blood typing.</p> <p>Perform vision, visual field, hearing, and balance tests.</p> <p>Perform 12-lead electrocardiography.</p> <p>Assist with electroencephalogram.</p> <p>Assist with ultrasonography of the heart and abdomen.</p> <p>Perform appropriate cardiopulmonary resuscitation for adults and children.</p>
<p>講義日程 Class Schedule</p>	<p>See the attached schedule.</p>
<p>出席の取り扱い Class Attendance Policy</p>	<p>Lectures: A student whose attendance is less than two-thirds of all the classes is not eligible for taking the final examination.</p> <p>Practical training sessions: In general, students are required to attend all sessions. A student absent from any class will be required to conduct self-learning at the Skill Lab during the spring break.</p>
<p>評価項目 Evaluation Item</p>	<p>No examination for this course will be given. A student who meets the attendance criteria will be given the credits. The pass/fail determination will be made based on the OSCE result.</p>
<p>評価法 Evaluation Method</p>	<p>The assessment of the achievement of the academic goals will be made based on the Objective Structured Clinical Examination (OSCE).</p>
<p>履修上の注意アド バイス Suggestions/Advice for Taking the Course</p>	

成績評価の基準 Basis of Performance Evaluation	
推奨参考書 Recommended Reference Books	[Reference books recommended for purchase] <i>Naika Shindangaku</i> 2nd ed. Fukui T, Nara N. ed. Igakushoin