

授業科目名 Title of Course	Symptomatology, Diagnosis and Treatment (PBL tutorial)		
対象学年 Eligible Students	Senior students of School of Medicine	単位 Credits	9
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	<p>Self-directed learning in small groups. The PBL tutorial consists of 8 four-day courses. Students will be divided into groups, each consisting of 8 to 9 students. On the first day of each course, the first half of a case scenario will be provided based on which the students will discuss how to address the case. In the evening of the second day, the students will present an interim report. On the third day, the latter half of the scenario will be provided, based on which they will discuss how to address the case. In the evening of the fourth day, the final presentation will be made.</p> <p>A faculty member will join the discussion (core time), as a tutor, in the morning on the first and third days of each course to give advice on the direction of the discussion, if necessary.</p>		
概要 Overview	<p>In the Faculty of Medicine, emphasis has been placed on lectures to pass on knowledge. However, doctors need lifelong learning and passive learning alone will not help them develop a positive voluntary learning attitude. This course does not include lectures and a class consists of students' voluntary learning activities alone. Students will identify issues that need to be addressed in a given case and learn through the process of identifying how to solve them (problem-based learning or PBL), enabling them to develop a habit of thinking about what they know, what they don't know, and what they should know. Students will also acquire the abilities to integrate, construct, and apply knowledge through the process of thinking based on clinical inference.</p>		

<p style="text-align: center;">到達目標 Academic Goals</p>	<p>Identify what should be learned and voluntarily engage in learning.</p> <p>Conduct problem-based learning to identify issues that need to be addressed and solve them through self-learning.</p> <ol style="list-style-type: none"> 1) Identify issues that need to be addressed on your own. 2) Prioritize issues that are necessary for you according to the levels of importance and necessity. 3) Identify specific methods to address issues and solve them. <p>Build a network to organize and apply your knowledge.</p> <p>Learn appropriate self-assessment and develop specific plans for improvement.</p> <p>Learn to communicate with others, reach mutual understanding with others, cooperate with others, and work together with others.</p> <p>Find a better solution to address an issue in cooperation with other learners and faculty members.</p> <p>Diagnose a patient with a diseases using knowledge of symptomatology and diagnostics based on the patient's symptoms and to develop an appropriate treatment plan.</p> <p>Explain the causes and pathophysiology of fever.</p> <p>Explain important points in diagnosing and treating patients with fever.</p> <p>List the causes of consciousness disturbance and syncope and explain their pathologies.</p> <p>Explain the evaluation scales of the level of consciousness disturbance (GCS, or Glasgow Coma Scale, and JCS).</p> <p>Explain important points in diagnosing patients with consciousness disturbance or syncope.</p> <p>Give an outline of treatment of patients with consciousness disturbance or syncope.</p> <p>Explain the causes and pathology of cyanosis.</p> <p>Explain important points in diagnosing patients with cyanosis.</p> <p>List the causes of general malaise.</p> <p>Explain important points in diagnosing patients complaining of general malaise.</p> <p>Explain the causes and pathology of jaundice.</p> <p>Explain important points in diagnosing and treating patients with jaundice.</p> <p>List the causes of lymphadenopathy.</p> <p>Explain important points in diagnosing patients with lymphadenopathy.</p> <p>Explain the causes and pathology of anasarca and local edema.</p> <p>Explain important points in diagnosing and treating patients with edema.</p> <p>List the causes of palpitation and explain its pathology.</p> <p>Explain important points in diagnosing patients complaining of palpitation.</p> <p>Explain the causes and pathology of pleural effusion.</p>
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<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>This course is categorized as “practical training” and students are required to attend all classes. The tutor will check the attendance during the core time on the first and third days of each course. The student support group will check the attendance in group discussions in the morning of the second and fourth days. Attendance in presentation meetings in the evening of the second and fourth days will be taken using the Student Attendance Management System. A student who is absent without notice will be contacted and, if he/she still continues to be absent, no credit will be given. (No “remedial measures,” such as the submission of a report, will be given.)</p>

<p>評価項目 Evaluation Item</p>	<p>Grading will be based on the contribution level to group discussions in the core time (20 points x twice), reports on symptoms that each student is required to submit for every course (30 points), and case reports submitted by each group (30 points). For those making a presentation, its content will also be evaluated (-10 to +10 points).</p>
<p>評価法 Evaluation Method</p>	<p>No examination for this course will be given. The pass/fail determination will be made based on the total points from the evaluation items above in eight courses.</p>
<p>履修上の注意アド バイス Suggestions/Advice for Taking the Course</p>	
<p>成績評価の基準 Basis of Performance Evaluation</p>	
<p>推奨参考書 Recommended Reference Books</p>	<p>[Reference books recommended for purchase] <i>Naika Shindangaku</i> 2nd ed. Fukui T, Nara N. ed. Igakushoin</p>