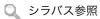
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Course Description

Course No.		076049	
Course Title		Oral Infection and Immunology	
Instructor(Affiliation)		TAKASHIBA Shogo (07:Dental School)	
Term		2017 3rd Term	
Day / Period		Tue3, Tue4	
Number of credits		1	
Classroom		Lecture & Instruction Rooms #1	
Numbering Code		NDGZ0DEDZ4003A	
Page for print		https://gs.okayama-u.ac.jp/campusweb/campussquare.do?_flowId=SYW4101101-flow&nendo=2017&shozoku=07&jikanwari=6049&sylocale=en_US	
Classification Professional Subj		iects	
Target students	4		
Required / elective	Required course		
Contact information	Phone: 81-86-235-6675 Facsimile: 81-86-235-6679 E-mail: stakashi@okayama-u.ac.jp		
Office hours	17:00 - 18:30 on Tuesday, 8:30 - 10:00 on Thursday (at Department of Pathophysiology - Periodontal Science on the 7th floor at the Dental School Building) Most favorite way is e-mail. Use your official mail address to be recognized. Regarding to each lecture, send your e-mail to each lecturer, including me in cc.		
Original item			
Language	Japanese		
	This is originally f	or the undergraduate students at Dental School.	
Course description	This lecture reviews the pathology of periodontal and endodontic lesion based on biological knowledge, and review the protocol of etiology, diagnosis, treatment, and prevention. This lecture also summarizes the effect of local chronic inflammation on systemic disease, and the innovative and interdisciplinary approach to periodontal medicine.		
Objectives	GIO: To understand basic biological knowledge of periodontal tissue, and treatment protocol for periodontal and endodontic lesion based on the pathology.		
Goals	2. To have the ab balanced interact 3. To have the ab disease 4. To have the ab 5. To have the ab 6. To have the ab	ility to explain both host and parasite factors influencing oral infection disease ility to explain the pathology of periodontal and endodontic lesion from the point of the ion bacterial infection and host defense ility to explain the protocol of examination, diagnosis, and treatment for oral infection ility to explain the concept of personalized medicine ility to explain the relation between oral infection disease and systemic disease ility to perform scientific interpret based on appropriate references ility to implicate oral infection disease as systemic health	
	No. Date Subject	Content Professor	
Lesson plans	current clinical pr 2 October 10 Spe general host resp 3 October 17 Host 4 October 24 Syr gastrointestinal to	oduction to clinical infection and immunity Translational guidance from basic science to roblems (compromised hosts) Professor Shogo Takashiba ecific characters of periodontal tissue Anatomical characteristics and existence of conses Professor Shogo Takashiba st-parasite interactions Causes of tissue destruction Professor Shogo Takashiba mbiosis with indigenous bacteria Microflora in oral cavity (mouth) and intestine as ract Professor Shogo Takashiba ospital infection Increase of compromised hosts and drug-resistant bacteria, latent	

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	spread of infection by dental practice Professor Shogo Takashiba 6 November 14 Emerging infection and pandemic infection Systematic investigation of infection cause, outbreak countermeasures Professor Shogo Takashiba 7 November 21 Oral biofilm infection Actual condition, affects on systemic health, and countermeasure Professor Shogo Takashiba 8 November 28 Exam and summary The first half is for written examination, the second half is for summary of lectures and examination Professor Shogo Takashiba	
Information regarding preparation, review and related subjects including assessment description	You should have sense/motivation for improve yourself by studying even though you do not have preliminary knowledge.	
Teaching style	Printed materials (handouts), slides, videos, internet will be used at lecturer's demand.	
Equipment used		
Textbook	We will dictate the textbook during the lecture. We recommend taking a look of files "Oral Immunology" in our HP (http://www.cc.okayama-u.ac.jp/~perio/bind2/cn11/pg60.html) as self-preparations in advance.	
Reference books	We will dictate during the lecture, and distribute the brochures. We recommend searching references using library and internet appropriately.	
Academic assessment	It is mandatory to submit report on each lecture. Written examination is mandatory.	
Relation to research activity	Evaluated by each lecturer on the basis of participation (10%), report (30%), and examination (60%). In this course, professor will present their research results for undergraduate students with socially accepted words and phases as "showtime".	
Prerequisites	Ability and motivation of self-learning Ability to obtain something new and suitable information by yourself Ability of logical statement to explain what you think to others at different generation	
Open to other faculties	Yes	
Part of Teacher Training Program	Not applicable	
Relation to JABEE	Not related	
Other comments	This lecture has a translational role between basic and clinic to understand subsequent lectures, "Periodontology and Periodontics", "Endodontology and Endodontics". For evolution of "Periodontal Medicine", and understanding "Oral infection disease", students are intended to think what "Dentistry" is.	

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