

2021 年度 第 1 学期 教養教育		日英区分: 英語
口腔内科学 Periodontal/Oral Medicine		
講義番号	科目区分	学期
919046	教養教育科目	第 1 学期
ナンバリングコード	教室	
NDGIQLAFZ4—N	コミュニケーションスペース	
必修・選択の別		
選択必修		
単位数	曜日・時限	
1	木3～4	
担当教員 (ローマ字表記)		
高柴 正悟 [TAKASHIBA Shogo]		

SDGs関連項目



■ 対象学生

All Faculties (Except for Dental School)

■ 他学部学生の履修の可否

対象学生の項目を参照

■ 連絡先

Phone: 086-235-6675

Email: stakashi@okayama-u.ac.jp

■ オフィスアワー

Monday 8:30-9:00, Tuesday 17:00-17:30, Thursday 8:30-9:00 (Okayama University Hospital, Central Clinic, 4th floor, Dept. of Periodontal Science)

Since there are frequent changes, it would be helpful if you contact me by e-mail in advance! (Please use the official mail address of our university. Otherwise, it may be classified as junk mail and I may not be able to respond.)

■ 学部・研究科独自の項目

Not relevant

■ 使用言語

学生により日本語又は英語

■ 授業の概要

This is originally for the undergraduate students at Dental School.

This lecture reviews the relationship of periodontal medicine and whole body science, especially infectious disease, chronic inflammation and immune disease. We also teach the concept of periodontal medicine as individual medicine.

■ 学習目的

To form an independent individual who considers and implements what is needed from the individual level to the group level in order to achieve a healthy and long-lived society.

■ 到達目標

The following is within the scope of general education;

General Instructional Objective (GIO):

We ask for students to acquire clinical knowledge of periodontal medicine. Students need to learn and understand the association of periodontal medicine and systemic diseases on the interdisciplinary basis of pathophysiology for infectious disease, chronic inflammation and immune disease.

■ 授業計画

NOTICE:

Due to the measures for COVID-19 pandemic, schedule may be changed suddenly, including the Part-time Lecturers'.

1st April 15 (3rd - 4th period)

General Outline of Oral Science (Oral Medicine / Periodontal Medicine)

Contribution and influence from oral science to adjacent science

Professor Takashiba

> Short test

2nd April 22 (** 4th period only; 1st to 3rd period are scheduled for Pediatric Dentistry)

Effects of Systemic Illness on Mouth & Influence of Oral Diseases on Whole Body

Diabetes outpatient

Senior Assistant Prof. Omori

> Short test

3rd April 30 (3rd - 4th period) ** Friday, but Thursday class

Effects of Systemic Illness on Mouth & Influence of Oral Diseases on Whole Body

Directions to be aimed for future dental care

Associate Prof. Yamamoto

> Short test

4th May 6 (** 1st - 4th periods; Lecture room will be announced if not online class)

Special online lectures; Part-time Lecturers, Professor Takashiba

8:40 - 10:00 Emeritus Prof. Kurihara (Hiroshima University)

10:10 - 11:30 Prof. Yoshimura (Nagasaki Dental University)

12:30 - 13:50 Prof. Sato (Nippon Dental University at Niigata)

Lecture titles: TBD

5th May 13 (3rd - 4th period)

Effects of Systemic Illness on Mouth & Influence of Oral Diseases on Whole Body

Relationship with dental / compromised hosts and diseased persons in hospital

Assistant Prof. Ito-Shinoda

> Short test

6th May 27 (** 4th period only; 1st to 3rd period are scheduled for Pediatric Dentistry)

Effects of Systemic Illness on Mouth & Influence of Oral Diseases on Whole Body

Maternity outpatient

Senior Assistant Prof. Omori

> Short test

7th June 3 (3rd - 4th period)

Effects of Systemic Illness on Mouth & Influence of Oral Diseases on Whole Body

Oral medicine in the hospital cooperation and regional collaboration

Assistant Professor Hirai

> Short test

■ 授業時間外の学習(予習・復習)方法(成績評価への反映についても含む)

To see some of the past lecture materials in advance. Access from the following link. Password is ps6675.

Section "Periodontal/Oral Medicine" at <http://www.cc.okayama-u.ac.jp/~perio/bind21/lectures.html>

■ 授業形態

(1) 授業形態-全授業時間に対する[講義形式]:[講義形式以外]の実施割合

80% : 20%

(2) 授業全体中のアクティブ・ラーニング

協働的活動(ペア・グループワーク、ディスカッション、プレゼンテーションなど)

やや少ない

対話的活動(教員からの問いかけ、質疑応答など)

やや少ない

思考活動(クリティカル・シンキングの実行、問いを立てるなど)

やや多い

理解の確認・促進(問題演習、小テスト小レポート授業の振り返りなど)

多い

(3)授業形態-実践型科目タイプ

該当しない

(4)授業形態-履修者への連絡事項

< Note > Due to the reduction of lectures as a result for anti-COVID-19 pandemic, short test will be scheduled for each lecture by using Okayama University moodle. Students' will be evaluated by both short tests and written reports. (You should consult Prof. Takashiba before in advance. Short test may be waived.)

Includes preparation and review at HP of our laboratory.

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Section "Periodontal/Oral Medicine" at <http://www.cc.okayama-u.ac.jp/~perio/bind21/lectures.html>

In case you need special consideration, please consult in advance.

■ 使用メディア・機器・人的支援の活用

視聴覚メディア(PowerPointのスライド、CD、DVDなど)

多い

学習管理システム(Moodleなど)

多い

人的支援(ゲストスピーカー、TA、ボランティアなど)

やや多い

履修者への連絡事項

We use prints (PDF), slides, video, Internet etc. Of course, ICT too.

There are also board books.

Contact matter to students:

・We will use slides including English and Japanese languages, so if you need consideration please consult with your supervisor before registration.

・Since there are also board books, If consideration is necessary, please consult with the supervisor in charge before registering for the course.

■ 教科書

教科書1	ISBN	481601182X		
	書名	歯周病と7つの病気：8つのNEWS		
	著者名	吉江弘正, 高柴正悟編著		
	出版社	永末書店	出版年	2007
教科書2	ISBN	9784862270160		
	書名	人は口から老い口で逝く 認知症も肺炎も口腔から		
	著者名	落合邦康		
	出版社	日本プランニングセンター	出版年	2021

備考

To purchase textbooks handled by the Okayama University Co-op, see the textbook information "Text-it".

Please check at <https://okadai.text.univ-coop.net/>

■ 参考書等

参考書1	ISBN	978-4-263-44469-6		
	書名	歯周病と全身の健康 『SP Evidence Report on Periodontal Disease and Systemic Health, 2015』		
	著者名	日本歯周病学会編		
	出版社	医歯薬出版	出版年	2016

参考書2	ISBN	4023318752	
	書名	続・日本人はこうして歯を失っていく: 専門医が教える全身の健康につながる歯周病予防	
	著者名	日本歯周病学会, 日本臨床歯周病学会著	
	出版社	朝日新聞出版	出版年 2020

備考

This PDF "JSP Evidence Report on Periodontal Disease and Systemic Health, 2015" can be downloaded as free material.

http://www.perio.jp/publication/upload_file/guideline_perio_body.pdf

成績評価の方法

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受講要件

Mandatory for Dental Students

Self-learning ability and motivation

Ability to obtain something new information on your own

Ability of a logical statement to explain your opinion of different generations

教職課程該当科目

None

JABEEとの関連

- (e) Design ability to solve social needs by utilizing various science, technology and information
- (f) Communication skills such as logical descriptive ability, oral presentation skills, discussion
- (g) Ability to independently and continuously learn
- (h) Ability to proceed work and systematically under the given constraints

SDGs関連項目

(保健)あらゆる年齢のすべての人々の健康的な生活を確保し、福祉を促進する。
(持続可能な都市)包摂的で安全かつ強靱（レジリエント）で持続可能な都市及び人間居住を実現する。

実務経験のある教員による授業科目

Applicable

We are conducting research on the relationship between periodontal disease and systemic disease. In particular, we analyze the interrelationship between periodontitis and diabetes in terms of molecular biology and analyze the effect of periodontitis on compromised hosts. The importance of this field in dentistry has been rapidly increasing in recent years, and the content of research is incorporated into the lecture.

Leachers are dentists, and all of them perform research and clinical practice of Periodontal Medicine.

備考/履修上の注意

Specialized Education Courses Offered by Other Faculties