

Oral Disease Control and Molecular Epidemiology

Seminar/Lab./Clinic Academic year 1,2 credits
2・2・10

[Keywords] Oral health promotion, oral disease prevention, oral epidemiology, oral public health, oral health service researches

[Academics] Hiroko Miura, Hirofumi Matsuoka, Osamu Uehara

[Course aims]

This course deals with public health surveys for social, behavioral, legal and ethical, epidemiologic and biostatistical studies related to oral health. The course aims to deepen students' understanding of the pathogenesis and etiology of various oral diseases and to understand and apply the practical and analytical methods of basic and clinical research necessary for developing new preventive methods.

[Course objectives]

1. Understand and apply the bacteriological and immunological analytical methods necessary to elucidate the etiology of oral diseases and their prevention.
2. To understand and apply the epidemiological analysis methods necessary to elucidate the etiology of oral diseases and their prevention.
3. Understand and practice community oral health.
4. Understand and practice health service research in dentistry.

[Course content]

Class	Theme	Content	Academics
1	Basic research on etiology, pathogenesis, and prevention of oral diseases (1)		Osamu Uehara
2	Basic research on etiology, pathogenesis, and prevention of oral diseases (2)		Osamu Uehara
3	Research design required to conduct the study for oral health		Hirofumi Matsuoka
4	Analytical methods required to conduct the study for oral health		Hirofumi Matsuoka
5	Policy Research on community oral health		Hiroko Miura
	Health services research in dentistry		Hiroko Miura

[Class implementation method]

Combination of face-to-face learning and distance learning

* Class implementation depends on the implementation policy of each department (graduate school), interdisciplinary studies, and school.

[Grading policies]

Overall grade in the class will be based on class attendance and reports (or oral examination).

[Textbook]

Instructions will be given during the lecture.

[Reference book]

As mentioned above