

[Keywords] Risk for systemic complications, Homebound dentistry, Regenerative medicine for the elderly

[Academics] Hideki Aita

[Course aims]

Most of the elderly have systemic diseases in our country. So, it is necessary for dentists to pay careful attention to geriatric systemic complications during dental treatment. The aim of this course is not only to understand the elderly at risk for systemic complications but also develop the qualities and basic skills needed to safety management during dental treatment in both ambulatory and extramural setting. Moreover, this course is also aimed at catching up on the cutting-edge technology for regenerative medicine for the elderly.

[Course objectives]

The objectives of the course are for students to be able to explain:

- (1) Elderly at risk for systemic complications.
- (2) Homebound dentistry.
- (3) Regenerative medicine for the elderly.

[Course content]

Class	Theme	Content	Academics
1	Elderly at risk for systemic complications	1) Common systemic disease in the elderly 2) Safety management during dental treatment	Hideki Aita
2	Homebound dentistry	1) Cooperation of multidisciplinary team 2) Oral health care 3) Safety management during home-visit dental treatment	Hideki Aita
3	Regenerative medicine for the elderly	1) Aging of life 2) Biological aging of biomaterials 3) Photofunctionalization technology	Hideki Aita

[Class implementation method]

Face-to-face learning

Class implementation depends on the implementation policy of each department (graduate school) or school.

[Grading policies]

Class attendance and oral or written examination.

[Textbook]

To be advised during lectures.

[Reference book]

To be advised during lectures.

[Remarks]

Including practice in the ambulatory setting.

[Preparation for course]

Students must understand the course objectives and prepare appropriately for classes.