

## **One-Day Master Course in Hemorrhagic Systemic Diseases for dental practice**

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With an aging population, the number of dental visits by patients with systemic diseases associated with blood clots and bleeding is increasing. Common internal medicine conditions associated with oral bleeding include hematologic diseases such as leukemia, liver diseases such as cirrhosis or alcoholism, cardiovascular or cerebrovascular diseases that require regular administration of anticoagulants to prevent blood clots, and kidney disease. These conditions affect the primary or secondary hemostatic phase of the normal coagulation process, causing persistent bleeding.

In this lecture, we will review the mechanisms of coagulation delays and bleeding in patients with cardiovascular, hepatic, hematologic, and renal diseases and discuss considerations for dental practice. In particular, we will introduce the American Academy of Oral and Maxillofacial Surgery guidelines for discontinuation of antithrombotic medications in dental patients and discuss the risk of thromboembolism reactivation following discontinuation.

We will also present the 2021 American Heart Association guidelines for the dosing of prophylactic antibiotics for the prevention of endocarditis in patients at high risk of infective endocarditis to assist in the dental care of patients with related cardiovascular conditions.

### **Special Care dentistry - Dental care for people with disabilities in dental clinic**

Patients with disabilities have poorer oral health than their non-disabled counterparts due to a lack of oral care skills and physical and mental limitations. However, dental care for patients with disabilities has many difficulties depending on the type of disability, and dental clinics are often inaccessible due to difficulties in communicating with patients. Currently, the number of patients with disabilities is 5.2% of the total population, and their oral healthcare needs are increasing every year.

In this lecture, we will look at various domestic policies related to oral care for the disabled in 2024.

In particular, we will look at the current status of the Oral Care Center for the Disabled, which is being implemented to improve the accessibility and professionalism of dental care services for the disabled. In addition, we will introduce the recent pilot project of a dental clinic for the disabled, and examine the policy of increasing the cost of health insurance benefits for patients with disabilities to help dental clinic owners who are interested in dental care for the disabled.

#### **Profile**

- \* Graduate Yonsei University College of Dentistry and MS, PhD degree.
- \* Residency training in Dept. of Oral & Maxillofacial surgery of Yonsei University Dental hospital
- \* Specialist of Oral & Maxillofacial surgery & Advanced General Dentistry
- \* Present) Professor of Department of Advanced General Dentistry, Dankook University College of Dentistry
- \* Present) Chungnam Regional Dental care center for the patient with special needs