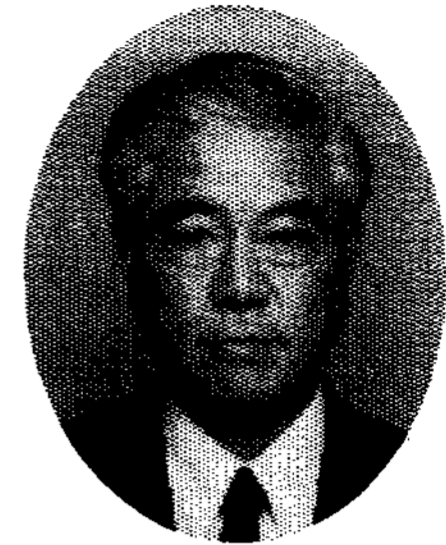


국외특강 I Periodontal Surgery in Japan

Akira Hasegawa

Professor and Chairman Department of
Periodontics The Nippon Dental University,
School of Dentistry at Niigata Niigata, JAPAN



The Japanese Society of Periodontology was founded in 1957 and the first conference was held on September, 1958. Journal of the Japanese

Organization for Research of Periodontology was published on January, 1959 as vol. 1. no. 1

Gingivectomy and flap procedures were the foremost periodontal surgery in the early 1960's in Japan.

Mucogingival surgery was introduced in the 1960's including the free mucosal autograft.

In the 1970's, mucogingival surgery enjoyed popularity and osseous grafting techniques were used.

Alloplastic materials were evaluated in the early 1980's. Hydroxyapatite and beta tricalcium phosphate were accepted clinically.

Periodontal plastic procedures were also noted in the early 1980's.

Augmentation of severely resorbed ridges was reported using connective tissue grafts.

The concept of guided tissue regeneration was introduced by Dr. Thorkild Karring at the 30th Annual Meeting of the International Academy of Periodontology was held in Kyoto, Japan in 1988. The topics concerning periodontal surgery were "Regeneration" and "Hydroxyapatite".

In the late 1980's, periodontal plastic procedures and implant procedures became a new addition to periodontal treatment techniques.

In the early 1990's bioabsorbable barriers for regeneration procedures were evaluated and Dr. Raul Caffesse concluded that the resorbable barrier was as effective as the nonresorbable e-PTFE barriers for the treatment of class II furcations and intrabony defects at the 40th Anniversary Meeting of the Japanese Society of Periodontology, which was held in Hiroshima in 1997.

With regenerative methods, Bone Morphogenetic Protein(BMP) is being investigated and enamel matrix derivative(EMDOGAIN®) has been evaluated from 1998.

Concerning lasers in periodontal surgery, only three reports have been published in the U.S.A. in the refereed periodontal journal in the late 1980's. My department had developed a High Power Diode Laser in the late 1980's and is still applying it to periodontal surgery.

I will discuss the past present status of Periodontal Surgery in Japan with clinical cases in my department.

***약력**

Name in Full : Akira Hasegawa

Sex : Male

Birth Date : March 13, 1940.

Birth Place : Tochigi - ken, Japan.

University Attended : Nippon Dental University, Tokyo.

- From April, 1960 to March, 1966

Passed the Examination of Japanese National Board in May, 1966.

Professional Training and Employment

: Postgraduation School in the Nippon Denal University, Tokyo(the Department of Oral Surgery)

- from April, 1966 to March, 1970.

Assistant Docter in the Department of Oral Surgery, The Nippon Dental University, Tokyo.

- from April, 1970 to March, 1971.

Assistant Proferssor in the Department of Oral Surgery, The Nippon Dental University, Tokyo.

- from April, 1971 to September, 1973.

Associate Proferssor in the Department of Oral Surgery, The Nippon Dental University, Niigata.

- from October, 1973 to March, 1979.

Proferssor in the Department of Oral Surgery, The Nippon Dental University, Niigata.

- from Apri 1979.

Chief and Professor of Periodontal Clinic, The Nippon Dental University, Niigata.

- from January, 1982 to March, 1984.

Chairman and Proferssor in the Department of Periodontics, The Nippon Dental University, Niigata.

- from April, 1984 to the present