

# Occlusion and Healthy Beauty

**Takao Maruyama, D.D.S., Ph.D.**

Osaka Univ. Faculty of Dentistry Dept. of Fixed Prosthodontics



## 연자 약력

D.D.S., Ph.D. degree - Osaka University

Professor and Chairman -

Department of Fixed Prosthodontic Osaka Univ., Faculty of Dentistry

Visiting Professor -

University of Southern California School of Dentistry(1991)

Xian 4th Military Medical University School of Dentistry(1996)

New York University at Buffalo School of Dentistry(1998)

Officer of International Professional Organization

International College of Prosthodontics : Co-President(1994-1997)

International Federation of Esthetic Dentistry : President(1995-1997)

Asian Academy of Craniomandibular Disorders : President(1995-1997)

Recently, those people are increasing in number, who visit hospitals for complaining of indefinite symptoms of disease, such as stiff neck and shoulder, backpain, numbness on limbs and etc. They are examined medically in various methods. Although, in most cases, they are not diagnosed correctly but neglected under the name of an unidentified disease. Some of them are diagnosed as autonomic ataxia or psychosomatic disease, however, we seldom see the case where the symptoms are completely cured or disappeared.

There are hundreds of patients in a year who have come to see me with the above symptoms. I have had many patients whose symptoms were eased or disappeared through occlusal treatment. Through these experiences, I have come to define those indefinite symptoms as "the relevant syndrome to abnormal occlusion". It might be difficult to be verified by scientific proof that various symptoms are relevant to occlusion. But obviously they are. I have drawn the concept about the relevant between occlusion and holistic health as follows. Abnormal occlusion causes deviation of the mandible. The deviation of the mandible causes malalignment on the cervical vertebrae, which naturally causes the malalignment on the spines. By correcting the abnormal occlusion, which is the cause of the deviation of the mandible, we can build the correct alignment on the cervical spines. Through the treatment of malocclusion, we can see all the relevant syndromes caused by it are eased or disappeared. Then, as a result, of course, we can attain full success in giving healthy beauty and retaining it.

I have long been doing the research on the relationship between occlusion and holistic health, focussing on how they work reciprocally by keeping the balance each other. On diagnosis, being based on these clinical experiences and various kinds of research, the examinations of panoramic X-rays, TMJ polytomograph, MRI, cephalometric X-ray, chewing movement, speech movement, palpation of muscles, posture, applied kinesiology etc. are used. Under those clinical examinations, the correction of the mandibular positioning appliance and the correct position should be settled. Finally, we can reconstruct the occlusion by reshaping, by prosthodontic treatment or orthodontic treatment.

Now, by showing the clinical cases, I would like to explain the examination and diagnosis on those syndromes which I sincerely hope to serve us for retaining holistic health.