

# Temporomandibular Joint and Occlusion

## 1. Staffs (April, 2010)

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## 2. Purpose of Education

Purpose of education for students and residents in this course is to provide an opportunity to learn basic knowledge on diagnostic and therapeutic procedures for temporomandibular diseases. In special course for graduate students and undergraduate students, we instruct statistical techniques especially with the multi variate analysis by using clinical data acquired from patients with temporomandibular disorders (TMD).

## 3. Research Subjects

- 1) Development of multidimensional evaluation system for etiological factors of TMD
- 2) Influence of patients' psychosomatic factors for TMD
- 3) Sleep bruxism: its etiology, influence and treatment
- 4) Effectiveness of physiological therapy for TMD
- 5) Mechanisms of occlusal discomfort

## 4. Clinical Services

Temporomandibular joint clinic provides diagnosis and treatment for diseases and dysfunctions of temporomandibular joint and masticatory muscles. We also provide the treatments for the nocturnal bruxism and the occlusal discomfort.

## 5. Publications

### Original Article

1. Shibuya T, Kino K, Sugisaki M, Sato F, Haketa T, Nishiyama A, Takaoka M, Ota T, Ishikawa T and Narita N. Comparison of occlusal discomfort in patients with temporomandibular disorders between myofascial pain and disc displacement. *J Med Dent Sci* 2009; 66: 139-147.
2. Haketa T, Kino K, Sugisaki M, Takaoka M, Ohta T. Randomized Clinical Trial of Treatment for TMJ Disc Displacement. *J Dent Res.* 2010 ; 89Aug 25: 1259-63.

### Lecture

1. Kino K. New strategy and tactics for treatment of TMD in our clinic. 1st Asian TMJ forum TMDU TMJ education course. 2010.5.21.
2. Kino K. New strategy and tactics for treatment of TMD in our clinic. 2nd Asian TMJ forum TMDU TMJ education course. 2010.10.22.