

제10차  
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연세대학교 치과대학 구강외과교수로 재직중인 이충국 교수는 지난 5월21일부터 5월26일까지 이스라엘의 예루살렘에서 열린 세계구강악안면 외과의사모임(International Association of Oral and Maxillofacial Surgeons)에 참가하여 동기간 동안 있었던 학술대회와 회원친목모임, 임원회 및 총회의 참석을 마치고 귀국하였다.

6일동안 진행되었던 이번 모임의 학술대회의 내용은 각 분야의 2백여편에 달하는 논문과 2개의 심포지움(1. Reconstructive maxillofacial Surgery 2. Imaging in maxillofacial Surgery) 그리고 1개의 워크샵(Consensus conference on Implantology)이 있었다.

이충국 교수는 이 대회의 일반연제중에서 악교정 수술후 연조직의 예상에 대한 논문과 하악과두골절의 기능적 치료후 TMJ disk의 위치변화를 Arthrogram으로 관찰한 결과를 발표하여 많은 주목을 받은 바 있다.

다음은 동 대회에서 발표한 논문의 내용을 초록한 것이다.

**Prediction of Soft-Tissue Changes following Orthodontic Surgery associated with Mandibular Prognathism.**

To provide an improved data base for predicting the soft-tissue changes that accompany mandibular retrusion (Mn) surgery and simultaneous mandibular retrusion with maxillary advancement (Mx+Mn), surgery, the cephalograms from the records of 21 (8: Mx+Mn, 13.Mn) patients were analyzed before

and after surgery. Soft-tissue change to hard-tissue change ratios, as well as simple and multiple regression equations, were calculated. A more accurate prediction was obtained when multiple landmarks were evaluated for each change in a soft-tissue point.

**Observation of the Position of the Temporomandibular Disk after Functional mecano-therapy in Condylar Head Fractures**

Some patients who suffered from Condylar Head Fracture were treated by functional-mechano-therapy. There were 16 patients, of whom 14 were children and 2 were adults. The average follow up period was 3 years. (minium 4 month, maximum 6 years)

The results were as follows:

1. The clinical findings showed normal occlusion and normal mandibular hinge, protrusive and lateral movements, irrespective of the resultant condylar form in both children and adults.
2. Meniscal repositioning preceded the remodeling of the condyle.



<모임중 외국참가 교수들과 환담하고 있는 이충국 교수>