

## **Systemic Review of Class III Deformity**

*Yi-Hsuan Chen*

*Craniofacial Center, Department of Craniofacial Orthodontic  
Chang Gung Memorial Hospital in Taipei & Taoyuan Branch*

Skeletal Class III deformity is the mostly seen maxilla-mandibular discrepancy in Asian population. It can be caused by retrognathic maxilla, prognathic mandible, or combination of both. Orthodontists are seeking for the best balance between esthetics, function, and stability in the treatment planning of these skeletal Class III patients.

To identify the outcome of CI III after surgical correction in three aspects, (1) One-jaw versus two-jaw orthognathic surgery, (2) Segmental versus one-piece osteotomy, (3) Hyper- versus hypo- divergent facial type, literature was searched using PubMed, Medline, Scopus with predetermined keywords. Full articles meeting the inclusion criteria were retrieved. Reference lists were also manually searched for potentially eligible studies. The result will be shown in this session. Discussion will also be made with articles that summarize the treatment outcome and stability.