



제 56차 대한악안면성형재건외과학회 종합학술대회 및 정기총회



The 56th Congress of the Korean Association of
Maxillofacial Plastic and Reconstructive Surgeons
November 3(Fri) – 4(Sat), 2017 | Global Convention Plaza, Seoul

Symposium 5



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Surgical Consideration in a Surgery-First Orthognathic Approach Min-Suk Kook

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Surgery first approach (SFA) can provide reduced total treatment period and immediate improvement of facial aesthetic, compared with conventional orthodontics first approach (OFA). To achieve successful treatment outcome in SFA, it is necessary to have a different approach from preoperative diagnosis to postoperative care. First, determination of mandibular position should be considered carefully. While OFA, including incisor decompensation, dental alignment and arch coordination, can provide stable surgical occlusion, SFA does not allow stable surgical occlusion due to the occlusal interference, and postoperative movement of the teeth and mandible is greater. Thus precise prediction of these postoperative changes in the treatment planning is important. In addition, the effect of surgical methods and skeletal pattern on the clinical results, postoperative management, postoperative stability, and condylar changes have been discussed in the previous studies, however, SFA still has a lack of clinical data and evaluation in various aspects.

In this presentation, surgical considerations in SFA, from treatment planning to postoperative care, will be discussed with our experiences and clinical results.