

CASE REPORT

TREATMENT OF A SKELETAL CLASS III CASE WITH CONVENTIONAL ORTHOGNATHIC SURGICAL APPROACH

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Abstract

In skeletal Class III cases, it may be difficult to obtain an excellent occlusal outcome only with orthodontic treatment and to maintain a stable post treatment occlusion. There are three main treatment options for correction of skeletal Class III malocclusion: growth modification, dentoalveolar compensation and orthognathic surgery. In most cases, surgical treatment of Class III malocclusion includes mandibular setback, maxillary advancement or a combination of both. The following is a case report of an ongoing treatment of Skeletal Class III malocclusion due to a prognathic mandible in a 17 year old female patient. The treatment objective was to achieve a more esthetically harmonious facial profile by correcting the skeletal Class III jaw base. The

treatment plan included correction of prognathic mandible by surgical line of treatment with conventional orthognathic approach (Bilateral sagittal split osteotomy).

Keywords: Skeletal class III, Orthognathic surgery, Bilateral sagittal split osteotomy

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