

C465028 : MAJOR ORTHODONTIC

KEY WORD: STABILITY OF MANDIBLE / MANDIBULAR SETBACK

DUSADEE THONGRIT : STABILITY OF MANDIBLE AFTER MANDIBULAR SETBACK.

THESIS ADVISOR : ASS. PROF. KANOK SORATHESN, THESIS CO-ADVISOR :

ASS. PROF. VACHAREE CHANGSIRIVATANATHAMRONG. 76 pp.

ISBN 974-584-184-6

The purpose of this research was to study the changes of the mandibular position after mandibular setback. The study was performed by taking series of lateral cephalograms of skeletal class III patients with prognathic mandible compared between 2 weeks before surgery and 1 week as well as 1 year more after surgery.

The results were as follow :

1. The angle and distance from lateral cephalograms before and with in 1 week after surgery are differences except IMPA angle.
2. There is a relapse of treatment 1 year after the surgery.
3. No sexual dimorphism in term of relapse of the treatment results.
4. The possibility of relapse of treatment will increase with the degree of mandibular setback.