

Perubahan parameter dimensi vertikal pada perawatan orthodonti dengan pencabutan empat premolar pertama (study sefalometrik)

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20437161&lokasi=lokal>

Abstrak

The purpose of this study is to examine vertical dimension changes after orthodontic treatment involving the extractions of maxillary and mandibular first premolar. Records of 33 patients consecutively selected consist of 30 females and 3 males with class I malrelation of 14 subjects class II malrelation of 19 subjects. 19 subject were treated with Edgewise technique and 14 subjects were treated with Begg technique. Mean chronologic age was 20-33 years with the range between 16 and 30 years old. The vertical dimensional changes were measured by three angular and eight linear parameters of pretreatment and posttreatment lateral cephalometric radiographs. The measurements were analyzed for statistical difference by paired t test. There was statistically significant difference in SNMP, FMPA, anterior face height, lower anterior face height, upper anterior dental height, lower anterior dental height, upper posterior dental height, lower posterior dental height. But there was no statistically difference in Y-axis, upper anterior face height and posterior face height.