

The Effect of tooth form on the incidence of lower third molar impaction (study report)

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Abstrak

Teeth dimension is the factor influenced the incidence of tooth impaction. The most related factor with teeth dimension is teeth form. This study was aimed to determine the effect of teeth form on the incidence of lower third impaction. It was carried out on Buginese and Torajanese in South Sulawesi Indonesia. The samples consist of 115 Buginese and 115 Torajanese , the age range from 20-25 years old with all natural mandibular teeth including second molar. After impression of both upper and lower teeth was taken , each tooth form was determined by measurement with trubite tooth indicator. The frequency distribution and coefficient corelation analysis test showed that there was no significant difference between teeth form and incidence of lower third molar impaction in Buginese and Torajanese as well as the sex. Generally, Buginese hare ovoid while Torajanese hare square teeth form.