

**1-041**

## Motivation and Orthodontics Treatment Need of The Patients at Hasanuddin University Dental Hospital

**Mansjur Nasir<sup>1</sup>, Rasmidar Samad<sup>2</sup>**

<sup>1</sup> Department of Orthodontic, Faculty of Dentistry, University of Hasanuddin

<sup>2</sup> Department of Dental Public Health, Faculty of Dentistry, Hasanuddin University

*E-mail: nasirmansjur@yahoo.com*

Motivations that exist in every person is different from each other. Likewise with the motivation of someone need orthodontic treatment also vary.

**Objectives.** This study aims to determine the motivation and the need of orthodontic treatment in patients at Hasanuddin University Dental Hospital.

**Methods.** Research Design was Cross-Sectional Study, sample consists of 61 patients within the range of age 11 to 35 years. Questionnaire was used to get an idea of the motivation of patients. Dental models was measured for each variable according to Aesthetic Component Index of Orthodontic Treatment Need (AC IOTN), Dental Health Component Index of Orthodontics Treatment Need (DHC IOTN). Chi-square test was used for statistical analysis.

**Result.** Result showed : Reasons that motivate patients to receive treatment because they were referred officially (14.8%), believe the academic facilities (50.8%), cheaper than private clinics (14.8%), and other reasons (19.7%) as a place to stay close distance, information from friends, solicitation of the students who treated them. The rate of orthodontic treatment needs according to AC IOTN assessment more than half samples (62.3%) no/little need treatment, (13.1%) need mild treatment, 24.6% require high/severe treatment. According to the assessment of DHC IOTN more than half (60.7%) no / little need treatment, (13.1%) need mild treatment, 26.2% require/severe treatment.

**Conclusion.** There was no relationship between patients' motivation to receive orthodontic treatment and orthodontic treatment need, according to AC IOTN and DHC IOTN  
Keywords: Motivation, AC IOTN, DHC IOTN, Orthodontic Treatment

**Keywords:** Motivation, AC IOTN, DHC IOTN, Orthodontic Treatment.