

00198 Orthodontic Treatment in National Dental Centre of Singapore: Trend Towards Higher Proportion of Adult Patients

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Aims: To determine the changes in the proportion of adult patients seeking orthodontic treatment at National Dental Centre Singapore (NDCS) from 2011 - 2016.

Methodology: The study sample consist of all patients who commenced active orthodontic treatment from 2011 – 2016 at the National Dental Centre of Singapore. The data collected was analysed for the number, gender and proportion of adult orthodontic patients treated annually from 2011-2016. Cochran-Armitage trend test was used to test for any significant linear trend in proportion of adult orthodontic patients over the six years and Pearson's chi-squared test was used to test for any significant gender differences.

Result: There was a significant increasing linear trend ($p= 0.0082$) in the proportion of adult orthodontic patients from 2011-2016. No significant difference ($p=0.131$) between the proportions of male and female adults undergoing orthodontic treatment was found.

Conclusion: There is a rising trend of adults seeking orthodontic treatment in our study. No difference in the proportion of male and female adults undergoing orthodontic treatment was found.