

Analysis of teleradiographs has become widely used as a diagnostic and analytic tool in clinical orthodontics. It is based on exact entered landmarks of soft tissues and skeletal.

There was 82 teleradiographs analyzed in this diploma thesis and from this group were 28 men and 54 women. The teleradiographs were measured with program Dolphin Imaging. Afterwards the group of patients was split into groups based on gender and dental classes.

The obtained data were analyzed by the help of Steiner analysis and consequently statistically tested. Measured values for each dimension were then compared between the dental classes and surveyed also for differences between genders. These tests were due to non-parametric data distribution done by Kruskal – Walis test.

Consequently were the measured data and surveyed differences compared with available publication on the topic.