

In addition to the limitations of the analyzing technique used, it has to be kept in mind that only ISFPD frameworks have been investigated. For clinical application of these restorations, a veneering material would have to be added, which may further increase the strain levels resulting from superstructure fixation. Further investigations should address the long-term stability of the screw joint in Procera Implant Bridge restorations.

Conclusion

Based on this in vitro study, it can be concluded that Procera Implant Bridge restorations exhibit greater passivity of fit as compared to conventionally fabricated superstructures.

Acknowledgment

The authors wish to thank Dr Friedrich Graef, Professor Emeritus, Department of Mathematics, Friedrich-Alexander-University Erlangen-Nuremberg, for the statistical data analysis.

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Literature Abstract

Influence of dental esthetics on social perceptions of adolescents judged by peers

Many studies have documented the relationship between physical appearance and social attractiveness. A study among orthodontists and general dentists found that the psychosocial gains from orthodontic treatment were greater than dental health gains. The purpose of this study was to determine if dental esthetics affected the way adolescents judge their peers in terms of athletic, social, leadership, and academic abilities. Ten orthodontic teen patients participated in the study. For nine of the subjects, a frontal facing smiling photograph was digitally altered to create two images: one with ideally aligned teeth and one with a nonideal arrangement of teeth. One subject was only given a nonideal arrangement of teeth and served as the control. Two parallel surveys were constructed, each containing one photo of each test subject. If the ideal smile appeared in one survey, then the nonideal smile appeared in the other survey. A total of 221 peer evaluators successfully rated the photos by indicating their agreement or disagreement with the following statements: (1) this person is good at sports, (2) this person is popular, (3) this person is a good leader, and (4) this person is smart. The results of this survey showed that teens with an ideal arrangement of teeth were consistently perceived to be better at sports, more popular, and better leaders by their peers. The difference was not significant for academic performance. Based on this study, it would appear that orthodontic treatment for adolescents to improve their smile may be socially beneficial for them.

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