

being observed compared with the control group after the third week. Further analysis of PMA-I revealed an improvement in the gingivitis symptoms of the gingival papillary of the anterior teeth in the experimental group.

5) CPITN in the experimental group showed no obvious tendency towards an improvement when compared with the PMA-I value.

6) From the overall findings listed above, it is suggested that improvements in gingivitis and oral cleanliness can be expected through application of the present toothbrush equipped with a TiO₂ semiconductor.

Acknowledgments

The authors would like to express their gratitude toward Shiken Corporation (Osaka) for kindly supplying the toothbrushes and toothpaste used in this study, and to Mr. Stephen McKay for translating the manuscript.

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