

原著 (Original articles)

1. Chen,J.H., Matsumura,H. and Atsuta,M.: Effect of etchant, etching period, and silane priming on bond strength to porcelain of composite resin. *Oper. Dent.* 23, 250-257, 1998.
2. Chen,J.H., Matsumura,H. and Atsuta,M.: Effect of different etching periods on the bond strength of a composite resin to a machinable porcelain. *J. Dent.* 26, 53-58, 1998.
3. Taira,Y., Matsumura,H., Yoshida,K., Tanaka,T. and Atsuta,M.: Influence of surface oxidation of titanium on adhesion. *J. Dent.* 26, 69-73, 1998.
4. Sawase,T., Hai,K., Yoshida,K., Baba,K., Hatada,R. and Atsuta, M.: Spectroscopic studies of three osseointegrated implants. *J. Dent.* 26, 119-124, 1998.
5. Taira,Y., Matsumura,H., Yoshida,K., Kamada,K., Tanaka,T. and Atsuta,M.: Metal chloride primers for bonding dentine with tri-n-butylborane-initiated luting agents. *J. Dent.* 26, 603-608, 1998.
6. Taira,Y., Yoshida,K., Matsumura,H. and Atsuta,M.: Phosphate and thiophosphate primers for bonding prosthodontic luting materials to titanium. *J. Prosthet. Dent.* 79, 384-388, 1998.
7. Kamada,K., Yoshida,K. and Atsuta,M.: Effects of ceramic surface treatments on the bond of four resin luting agents to a ceramic material. *J. Prosthet. Dent.* 79, 508-513, 1998.
8. Taira,Y., Matsumura,H. and Atsuta,M.: Use of 2-isocyanatoethyl methacrylate and iron (II) perchlorate for bonding tri-n-butylborane-initiated luting agents to dentin. *Eur. J. Oral Sci.* 106, 887-891, 1998.
9. Tanoue,N., Matsumura,H., Atsuta,M.: Curing depth of a composite veneering material polymerized with seven different laboratory photo-curing units. *J. Oral Rehabil.* 25, 199-203, 1998.
10. Yoshida,K., Tanagawa,M. and Atsuta,M.: In-vitro solubility of three types of resin and conventional luting cements. *J. Oral Rehabil.* 25, 285-291, 1998.
11. Tanoue,N., Matsumura,H. and Atsuta,M.: Curing depth of four composite veneering materials polymerized with different laboratory photo-curing units. *J. Oral Rehabil.* 25, 348-352, 1998.
12. Tanoue,N., Matsumura,H. and Atsuta,M.: Properties of four composite veneering materials polymerized with different laboratory photo-curing units. *J. Oral Rehabil.* 25, 358-364, 1998.
13. Tanoue,N., Matsumura,H. and Atsuta,M.: The influence of ultraviolet radiation intensity on curing depth of photo-activated composite veneering materials. *J. Oral Rehabil.* 25, 770-775, 1998.
14. Yamamoto,A., Amacher,S.L., Kim,S.H., Geissert,D., Kimmel,C.B. and De Robertis,E.M.: Zebrafish paraxial protocadherin is a downstream target of spadetail involved in morphogenesis of gastrula mesoderm. *Development* 125, 3389-3397, 1998.
15. Kim,S.H., Yamamoto,A., Bouwmeester,T., Agius,E. and De Robertis,E.M.: The role of Paraxial Protocadherin in selective adhesion and cell movements of the mesoderm during *Xenopus* gastrulation. *Development* 125, 4681-4691, 1998.
16. 平 曜輔, 添野光洋, 田上直美, 鎌田幸治, 吉田圭一, 松村英雄, 熱田 充: 牛象牙質とスーパーボンドC&Bの接着強度に及ぼすホルマリン, クレゾール, エタノールの影響. *接着歯学* 16, 49-54, 1998.
17. 松村英雄, 熱田 充, 中村光夫: チオウラシル系プライマーを応用した金銀パラジウム合金の接着. *接着歯学* 16, 82-87, 1998.
18. 下江宰司, 永野清司, 松村英雄: 金属表面の前処理が前装用レジンの接着強さに及ぼす影響. *日歯技工誌* 19, 64-68, 1998.

19. Taira,Y., Matsumura,H., Yoshida,K., Tanaka,T. and Atsuta, M.: Adhesive bonding to dentin with iron (II) perchlorate primers and a tri-n-butylborane-initiated luting agent. Dent. Mater. 14, 307-311, 1998.

総説, 解説 (Reviews, Comments)

1. 松村英雄, 中村光夫, 熱田 充: 貴金属用プライマー「メタルタイト」を用いた接着歯冠修復法. Dental Diamond 23(7), 146-149, 1998.
2. 松村英雄, 中村光夫: 貴金属用プライマーの特性と臨床応用法(I). 日歯評論 673, 145-161, 1998.

著書 (Books, Proceedings)

1. 熱田 充: 歯科で使われる人工材料, 皮膚科診療プラクティス2 粘膜病変を診る. 茂木健司ほか編(分担執筆) pp151, 文光堂, 東京, 1998.
2. 永野清司, 松村英雄: 各種歯冠用硬質レジンとその技工, 歯科技工学臨床研修講座 第4巻. 日本歯科技工士会編(分担執筆) pp2-23, 医歯薬出版, 東京, 1998.
3. 平 曜輔, 熱田 充: 接着歯科学の変遷と現状, 歯科技工学臨床研修講座 第5巻. 日本歯科技工士会編(分担執筆) pp172-182, 医歯薬出版, 東京, 1998.
4. 中村光夫, 松村英雄: 高分子材料機能化の試みとバンコマイシンを応用した接着歯冠修復法, 日本歯科評論臨時増刊98, 抗菌剤の科学と臨床応用. 子田晃一, 松村英雄, 福島久典編著(分担執筆) pp19-35, 日本歯科評論社, 東京, 1998.
5. 松村英雄: 歯冠修復用レジンの臨床性能, 歯科用有機材料の現状と将来展望ー基礎研究から臨床応用までー. 中林宣男編(分担執筆) pp29-43, 東京医科歯科大学医用器材研究所セミナー・事務局, 東京, 1998.

症例報告 (Clinical Article)

1. Monya,Y., Matsumura,H. and Atsuta,M.: A two-stage resin-bonded fixed partial denture seated in conjunction with post-extraction healing of the alveolar socket: A clinical report. J. Prosthet. Dent. 80, 4-8, 1998.

学内紀要, 各種報告書 (Bulletin, Reports)

1. 熱田 充, 田中卓男, 松村英雄, 吉田圭一: 常温時効硬化金合金の接着ブリッジへの応用に関する基礎的研究. 平成8年度～平成9年度科学研究費補助金(基盤研究(B)(2) 08457531) 研究成果報告書, 1998.

学会発表 (Oral and Poster Presentation)

1. Ohkubo,C., Watanabe,I., Ford,J.P., Nakajima,H., Hosoi,T. and Okabe,T.: Machinability of cast Ti and Ti-6Al-4V alloy. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. [J. Dent. Res. 77(Special Issue A), 73, 1998.]
2. Cai,Z., Watanabe,I., Mitchell,J.C. and Okabe,T.: X-ray diffraction investigation of metal-ceramic interfaces. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. [J. Dent. Res. 77(Special Issue A), 81, 1998.]
3. Okabe,T., Watanabe,I., Watanabe,E., Cai,Z. and Nakajima,H.: Dental casting of commercial titanium alloys. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. [J. Dent. Res. 77(Special Issue A), 173, 1998.]
4. Watanabe,I., Watanabe,E., Nakajima,H., Atsuta,M. and Okabe,T.: Marginal accuracy in casting titanium fixed partial dentures. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. [J. Dent. Res. 77(Special Issue A): 223, 1998.]
5. Yoshida,K., Kamada,K., Taira,Y., Matsumura,H. and Atsuta,M.: Adhesive primers for bonding cobalt-chromium alloys to resin. 27th Meeting of the American Association for dental Research, Minneapolis MN, 1998. [J. Dent. Res. 77(Special Issue A), 274, #1352, 1998.]

6. Kurtz,K., Kabcenell,J., Watanabe,I. and Okabe,T.: Shear bond strength of polymer-glass composite to cast titanium. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. {J. Dent. Res. 77(Special Issue), 325, 1998.}
7. Cai,Z., Watanabe,I., Watanabe,E., Nakajima,H. and Okabe,T.: An electrochemical study of cast Ti and Ti alloys. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. {J. Dent. Res. 77(Special Issue): 402, 1998.}
8. Watanabe,I., Ohkubo,C., Ford,J.P., Atsuta,M. and Okabe,T.: Cutting efficiency of air-turbine burs on titanium and dental alloys. 76th General Session and Exhibition of the American Association for Dental Research, Minneapolis, MN, 1998. {J. Dent. Res. 77(Special Issue), 695, 1998.}
9. 平 曜輔, 鎌田幸治, 添野光洋, 馬場直樹, 吉田圭一, 松村英雄, 熱田 充: イソシアネート系モノマーと過塩素酸鉄を利用した牛象牙質とトリブチルボラン重合型レジンとの接着. 第99回日本補綴歯科学会学術大会, 仙台, 1998. {補綴誌 42(99特), 36, 1998.}
10. Okabe,T., Ohkubo,C., Watanabe,I. and Ford,J.P.: Comparative machinability of titanium with dental alloys. 76th General Session and Exhibition of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77 (Special Issue B), 695, 1998.}
11. Kurtz,K., Watanabe,I., Ohkubo,C., Silken,D. and Okabe,T.: Bond strength of polymer-glass composite to primed cast Ti. 76th General Session and Exhibition of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77(Special Issue B), 900, 1998.}
12. Ohkubo,C., Watanabe,I., Hotta,M., Hosoi,T. and Okabe,T.: Bonding of denture base resin to primed cast Ti and Ti-6Al-4V frameworks. 76th General Session and Exhibition of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77(Special Issue B): 934, 1998.}
13. Yoshida,K., Kamada,K., Taira,Y., Matsumura,H. and Atsuta,M.: Silica coating formed on noble casting alloy by sol-gel process. 76th General Session of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77(Special Issue B), 944, #2497, 1998.}
14. Keh,E-S., Lee,S-Y., Lin,C-T., Shih,Y-H. and Yoshida,K.: Thermoacoustic technique for investigating filler/matrix interaction in dental composites. 76th General Session and Exhibition of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77(Special Issue B), 983, #410, 1998.}
15. Sawase,T., Wennerberg,A., Hallgren,C., Albrektsson,T. and Baba,K.: Surface topography and chemical composition of five dental implant abutments. 76th General Session and Exhibition of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77(Special Issue B), 968, #2695, 1998.}
16. Wennerberg,A. and Sawase,T.: The influence of Crisolv on enamel and dentin surface topography. 76th General Session and Exhibition of the International Association for Dental Research, Nice, 1998. {J. Dent. Res. 77(Special Issue B): 972, #2723, 1998.}
17. 襄 漢一, 澤瀬 隆, 松村英雄, 熱田 充: TiNイオンプレーティングを施した磁性ステンレス合金の耐食性の検討. 平成10年度日本補綴歯科学会九州支部学術講演会, 福岡, 1998. {抄録集, 8, 1998. 補綴誌 00(00特): 000, 1999.}
18. 野上朋幸, 田上直美, 松村英雄, 熱田 充: 異なる装着材料を使用した鑄造支台築造の臨床成績. 平成10年度日本補綴歯科学会九州支部学術講演会, 福岡, 1998. {抄録集, 11, 1998. 補綴誌 00(00特): 000, 1999.}
19. Nagano,K., Matsumura,H. and Tsuchikawa,M.: Characteristics of a novel composite veneering material (New Metacolor Infis). 3rd International Congress of Dental Technology, Yokohama, 1998. {Abstract 108, 1998.}
20. Shimoe,S., Nagano,K. and Matsumura,H.: Effect of adhesive primers for noble metal alloys on bonding between prosthetic composite and silver-palladium-copper-gold alloy. 3rd International Congress of Dental Technology, Yokohama, 1998. {Abstract 144, 1998.}
21. 吉田圭一, 棚川美佳, 鎌田幸治, 平 曜輔, 松村英雄, 熱田 充: 歯垢の付着及びイオンの溶出を防止できる

- 薄膜コーティングー金銀パラジウム合金への応用ー. 第100回日本補綴歯科学会記念大会, 東京, 1998. {補綴誌 42(100特), 100, 1998.}
22. 渡邊郁哉, 吉田圭一, 松村英雄, 熱田 充: 常温時効硬化性金合金の機械的性質に及ぼす熱処理の影響. 第100回日本補綴歯科学会記念大会, 東京, 1998. {補綴誌 42(100特), 114, 1998.}
23. 田中康弘, 渡辺郁哉, 有働公一, 熱田 充, 久恒邦弘, 中野正基, 福永博俊: Fe-Pt磁性合金の微細組織および磁区構造と磁氣的性質との関係. 第32回日本歯科理工学会学術大会, 新潟, 1998. {歯材器 17, 44, 1998.}
24. 渡辺郁哉, 田中康弘, 有働公一, 久恒邦弘, 熱田 充, 中野正基, 福永博俊: Fe-Pt磁性合金のキーパー材としての検討. 第32回日本歯科理工学会学術大会, 新潟, 1998. {歯材器 17, 45, 1998.}
25. Tanoue,N., Matsumura,H. and Atsuta,M.: Influence of curing modes on properties of prosthetic composites. 46th Annual Meeting, Japanese Association for Dental Research, Chiba, 1998. {Program and Abstract of Papers, 141, 1998. J. Dent. Res. 78(Special Issue B): 000, #145, 1999.}
26. Matsumura,H., Tanoue,N. and Atsuta,M.: Adhesive bonding of AUM20 magnetic stainless steel. 46th Annual Meeting, Japanese Association for Dental Research, Chiba, 1998. {Program and Abstract of Papers, 141, 1998. J. Dent. Res. 78(Special Issue B), 000, #146, 1999.}
27. 渡邊芳明, 熱田 充: 視覚的シミュレーショントレーニングが支台歯形成に及ぼす影響. 第17回日本歯科医学教育学会学術大会, 新潟, 1998.
28. 松村英雄: 歯冠修復用レジン of 臨床性能. 東京医科歯科大学医用器材研究所シンポジウム・歯科用有機材料の現状と将来展望 基礎研究から臨床応用まで, 東京, 1998.
29. 松村英雄: 最近の合着材, 接着剤の特性と応用法について. 長崎県保険医協会歯科研究会, 長崎, 1998.