

## Articles scientifiques

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### Produits dans l'unité de recherche

2022

109. Shindo K., Tapie L., Schmitt N., Vennat E. A Prototype CAE Tool for Mechanical Optimization of Dental CAD/CAM Process for All-ceramic Restoration. *Computer-aided design and applications*. 19(3), janvier 2022, 426-448

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108. Crenn M.J., Dubot P., Mimran E., Fromentin O., Lebon N., Peyre P. Influence of Anodized Titanium Surfaces on the Behavior of Gingival Cells in Contact with: A Systematic Review of In Vitro Studies. *Crystals* 2021, 11, 1566. doi.org/10.3390/cryst11121566 **IF 2.404**

107. Pacquet W., Tapie L., Mawussi B., Boitelle P., Volumetric and dimensional accuracy assessment of CAD-CAM-manufactured dental prostheses from different materials, *The Journal of Prosthetic Dentistry*, July 2021, **IF 2.444**

106. Pacquet W., Tapie L., Mawussi B., Boitelle P. Evaluation of the dimensional accuracy of a manufactured dental prosthesis in relation to its computer-aided model. *Int J Comput Dent*. 2020;23(4):335-342. **IF 1.436**

105. Lebon, N., Tapie, L. Milled Surface Integrity: Application to Fixed Dental Prosthesis. *Crystals* 2021, 11, 559. doi.org/10.3390/cryst11050559. **IF 2.404**

104. Rignon-Bret C., Wulfman C., Valet F., Hadida A., Nguyen TH., Aidan A., Naveau A. Radiographic evaluation of a bone substitute material in alveolar ridge preservation for maxillary removable immediate dentures: A randomized controlled trial. *J Prosthet Dent*. 2021. (Accepté) **IF 2,347**

103. Crenn M.J., Benoit A., Rohman J., Guilbert T., Fromenton O., Attal J.P., Bardet C. Selective Laser Melted Titanium Alloy for Transgingival Components: Influence of Surface Condition on Fibroblast Cell Behavior. *Journal of Prosthodontics*. February 2021 **IF 2.172**

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101. Vennat E., Hemmati A., Schmitt N., Aubry D. The role of lateral branches on effective stiffness and local overstresses in dentin. *Journal of the Mechanical Behavior of Biomedical Materials*. Jan 2021. DOI:10.1016/j.jmbbm.2021.104329. **IF 3.372**

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100. Aurélie Benoit, Hiba Issaoui, Nicolas Lebon. (2020) Impact of machining process on the flexural strength of CAD/CAM blocks for dental restorations, *Computer Methods in Biomechanics and Biomedical Engineering*, 23:sup1, S31-S32. **IF 1.502**

99. Lemarteleur V., Fouquet V., Le Goff S., Tapie L., Morenton P., Benoit A., Vennat E., Zamansky B., Guilbert T., Depil-Duval A., Gaultier A.L., Tavitian B., Plaisance P., Tharaux P.L., Ceccaldi P.F., Attal J.P., Dursun E. 3D-printed protected face shields for

healthcare workers in Covid-19 pandemic. American Journal of Infection Control. Aout 2020. DOI:10.1016/j.ajic.2020.08.005. **IF 2.294**

98. Sapoal M., Gaultier A.L., Del Giudice C., Pellerin O., Kassis-Chikhani N., Lemarteleur V., Fouquet V., Tapie L., Morenton P., Tavitian B., Attal J.P. 3D-printed face protective shield in interventional radiology: evaluation of an immediate solution in the era of COVID-19 pandemic. Diagnostic and Interventional Imaging. 2020 <https://doi.org/10.1016/j.diii.2020.04.004> **IF 2.486**

97. Lebon N., Tapie L., Vennat E. Influence of milling tool and prosthetic materials on roughness of the dental CAD CAM prostheses in end milling mode. Applied Sciences. 10(7), 2238; 2020 **IF 2.217**

96. Lagarde M, Vennat E, Attal JP, Dursun E, Strategies to optimise bonding of adhesive materials to MolarIncisor Hypomineralizationaffected enamel: a systematic review. Inter J of Paediatric Dentistry ; Jan 2020 **IF 2.057**

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95. Koenig V, Wulfman C, Dupont N, Bekaert S, Le Goff S, Eldafrawy M, Vanheusden A, Mainjot A. Clinical behaviour of second-generation zirconia monolithic restorations: a prospective study with ex vivo analyses. J Dent. nov 2019. (Accepté) **IF 3.280**

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92. Smail-Faugeron V, Muller-Bolla M, Sixou JL, Courson F. Combined split-mouth and parallel-arm trial: results of evaluation of intraosseous versus conventional infiltration anesthesia in pediatric oral health care. International Journal of Paediatric Dentistry 2019 ;29(5):573-584. **IF 2.057**

91. Wulfman C, Naveau A, Rignon-Bret C. Digital scanning for complete arch implant-supported restorations: a systematic review. J Prosthet Dent. 2019. (Accepté) **IF 2,347**

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79. Pacquet W, Benoit A, Hatège-Kimana C, Wulfman C. Mechanical properties of CAD/CAM denture base resins. The International Journal of Prosthodontics. 2019; 32(1):104-106. **IF 1.33**

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77. Muller-Bolla M, Courson F, Lupi-Pégurier, Tardieu C, Mohit S, Staccini P, Velly AM. Sealant effectiveness according to dental material: Multicentric 2-year split-mouth randomized clinical trial. Caries Research. 2018; 52:312–322 (DOI:10.1159/000486426) **IF 2.188**

76. Featherstone JDB, Muller-Bolla M, Doméjean S. Caries Preventive Therapy. Clinical Dentistry Reviewed. 2018; 2(1) 14.

75. Koenig V, Wulfman C, Dupont N, Bekaert S, Le Goff S, Eldafrawy M, Martin G, Vandeusden A, Mainjot A. In Vivo Low Thermal Degradation of Monolithic Zirconia Restorations. Journal of Dental Research. 2018. **IF 4.602**

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