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30/11/2020

**287 papers** mention "francois Duret".

Empreintes en PPAC

by

Zineb Benyoucef

L'empreinte constitue une étape capitale de la réalisation d'une PAP. Elle participe à la recherche de l'équilibre prothétique et doit tenir compte des comportements physiologiques différents des structures d'appui. La diversité des situations cliniques à l'origine d'une variété des techniques d'empreinte et la multiplicité des matériaux de plus en plus performants, exposent le praticien à une situation de confusion lors du choix des matériaux et techniques d'empreinte. less ▲

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...e à mettre ces informations à la disposition de l'opérateur qu'il soit prothésiste ou dentiste. » ( **Duret F**, Pélissier B. Différentes méthodes d'empreinte en CFAO dentaire. 2010 Elsevier Masson SAS [Internet...

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Odontología restauradora Procedimientos terapéuticos y perspectivas de futuro

by

Consulta 02 Sagrado Corazon

ODONTOLOGIA

more ▾

... orthodontic brackets. World J Orthod 2008 Fall; 9 (3): 203–208. Pelissier B, Tramini P, Castany E, **Duret F**. Influence photopolymerization and stratification on immediate hardness of three dental materials. ...

✓ Confirmed as **This is Me** UndoShear Bond Strength of Al<sub>2</sub>O<sub>3</sub> Sandblasted Y-TZP Ceramic to the Orthodontic Metal Bracket

by

Byeon, Seon, Lee, Min, Bae, Tae

This mention was found in a paper hosted outside of Academia.edu

...lity of surface treated Y-TZP dental ceramics. J. Biomed. Mater. Res. 2000, 53, 304-313. [CrossRef] **Duret, F.**; Blouin, J.L.; Duret, B. CAD-CAM in dentistry. J. Am. Dent. Assoc. 1988, 117, 715-720. [CrossRef] ...

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Colonisation of subterranean ecosystems leads to larger genome in waterlouse (Aselloidea)

by

Benoit Nabholz, Jochen B. W. Wolf

This mention was found in a paper hosted outside of Academia.edu

... Weiss-Gayet M, Seguin-Orlando A, Ermini L, Der Sarkissian C, Charrier NP, Eme D, Mermillod-Blondin **F, Duret L**, Vieira C, Orlando L, and Douady CJ. 2017. Less effective selection leads to larger genomes. Geno...

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Application of CAD/CAM System (DCS Precident). Part 1. Measuring and Marginal Accuracy of Coping.

by

Michio Yamada, Yoshinobu Maeda, Shigeru Idoji, Masatoshi Okada, Kayoko Enomoto, Takashi Nokubi, Sadam...

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...り直径の小デンタルダイヤモンド, 13: 28~34, 1988. さなエンドミルが利用できるような改良が必要であると考9) **Duret, F.**, J Am Dent Blouin, j.l. and Duret, B.: CAD/CAM in dentistry, えられる. 以上のような本システムの特徴な ...

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Development of Three-Dimensional Dental Scanning Apparatus Using Structured Illumination



by

Jae Ahn, Anjin Park, Ju Kim, Byeong Lee, Joo Eom

This mention was found in a paper hosted outside of Academia.edu

...al or digital plus in-office milling. J. Am. Dent. Assoc. 2009, 140, 1301-1304. [CrossRef] [PubMed] **Duret, F.**; Termoz, C. Method of and Apparatus for Making a Prosthesis, Especially a Dental Prosthesis. U.S. ...

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Efeito da espessura da camada de cimento na integridade e resistência adesiva de pinos de resina reforçados por fibra de vidro

by

Reis, Katia Rodrigues

This mention was found in a paper hosted outside of Academia.edu

...sts from endodontically treated teeth. Am J Dent. 2000 May;13(Spec No):19B-21B. Duret B, Reynaud M, **Duret F.** [A new concept of corono-radicular reconstruction, the Composipost (2)]. Chir Dent Fr. 1990 Dec 6;...

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Additive Manufacturing in Dentistry: Current Technologies, Clinical Applications, and Limitations.

by

Mutlu Özcan, Marta Revilla-León

Purpose of Review This review aimed to illustrate the utility of additive manufacturing technologies for the fabrication of polymer, metal, and ceramic components within the confines of their current and potential clinical applications in dentistry. Recent Findings The literature reviewed on five additive manufacturing technologies, namely, vat-polymerization, material jetting, material extrusion, powder-based fusion, and binder jetting, have been investigated in relevance to their dental applications. These technologies have the following existing or potential clinical applications: diagnostic and definitive casts, custom trays, positioning guides for custom abutments, tooth preparation guides, interim dental restorations, all-ceramic crowns, metal crowns and copings, silicone indices, occlusal devices, complete dentures, wax patterns for intra- and extra-coronal restorations, surgical guides, removable partial dentures, and tooth- or implant-supported frameworks. Summary Vat-polymerization, material jetting, and powder-based fusion technologies have existing clinical applications utilizing mainly polymers and metals. Additive manufacturing technologies need further development to be used with ceramic materials for dental applications.

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A highly followed author

...f dental devices is digital. Dent Mater. 2012;28:3-12. Dental Applications Using BJ Technologies 3. **Duret F,** Blouin J-L, Duret B. CAD-CAM in dentistry. J Am Dent Assoc. 1988;117:715-20. 4. Revilla-León M, Ö...

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Comparison of two intraoral scanners based on three-dimensional surface analysis

by

Kyung-Min Lee

This mention was found in a paper hosted outside of Academia.edu

... shift in the concept for making dental impressions. J Pharm Bioallied Sci. 2015;7(suppl 1):s213-5. **Duret F,** Blouin JL. Optical impressions in the computer-assisted design and fabrication of dental crowns. J...

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Robotics for Medical and Welfare Technology. Present Condition of Dental CAD/CAM System to Fabricate Prostheses.

by

Sohmura, Taiji, Takahashi, Junzo

This mention was found in a paper hosted outside of Academia.edu

...y,1996 歯科修復物のCAD/CAM製 [3] 参考文献 E. D. Rekow:•gCAD/CAM Systems,•hComputers 献 Quintessence, [4] [1] **F. Duret**:•gThe USC in school Clinical Chicago, [2] W. •g Sopha of dentistry. H. Dentistry pp.179-185, Morman...

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Veranstaltungen

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...- tagvormittag 7 Workshops, die mit je 4 Fortbildungspunkten bewertet werden. Am Freitag wird Prof. **François Duret** den Festvortrag unter dem Titel „History of Dental CAD/CAM“ halten. Die thematische Verknüpfung mod...

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Effect of Cementation Technique of Individually Formed Fiber-Reinforced Composite Post on Bond Strength and Microleakage

by

Makarewicz, Dominika

Objectives: The aim of this study was to evaluate the effect of two different cementation techniques of individually formed E-glass fiber-reinforced composite (FRC) post on bond strength and microleakage. Methods: The crowns of extracted third molars were removed and post preparation was carried out with parapost drills (diameter 1.5 mm). After application of bonding agents individually formed FRC posts (everStick POST, diameter 1.5 mm) were cemented into the post spaces with either ParaCem®Universal or self-adhesive RelyX™Unicem, using two different cementation techniques: 1) an “indirect (traditional) technique” where the post was prepolymerized prior application of luting cement and insertion into the post space or 2) a “direct technique” where the uncured post was inserted to the post space with luting cement and light-polymerized in situ at the same time. After water storage of 48 hours, the roots (n = 10/group) were cut into discs of thickness of 2 mm. A push-out force was applied until specimen fracture or loosening of the post. A microleakage test was carried out on roots which were not subjected to the loading test (n= 32) to evaluate the sealing capacity of the post-canal interface. The microleakage was measured using dye penetration depth under a stereomicroscope. Results: Higher bond strength values (p<0.05) and less microleakage (p<0.05) were obtained with the “direct technique” compared to the “indirect technique”. None of the FRC posts revealed any dye penetration between the post and the cement. Conclusions: The “direct technique” seems to be beneficial when cementing individually formed FRC posts.

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...tribution and reproduction in any medium, provided the work is properly cited. Duret B, Reynaud M, **Duret F**. A new concept of corono-radicular reconstruction: the Composipost (2). Chir Dent Fr 1990; 60: 69-7...

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Three Dimensional Shape Measurement of Teeth (Part 11)

by

KIMURA, Hiroshi, SOHMURA, Taiji, TAKAHASHI, Junzo

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... さらに、対合歯との咬合関係をFGP法隣接歯と台歯の辺縁と結合した。整した。FGPは、バを応用して調イトワックスに記録し計測した。 **Duret, F.**, Bloulin, J.L. and **Duret, B.**: CAD-CAM in dentistry, JADA 117: 715-720, 1988. Rekow, E.D.: Computer...

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... 4480 or visit [www.pfmdental.co.uk](http://www.pfmdental.co.uk). A DIAGNOSTIC TOOL WITH IMPRESSION MAKING CAPABILITIES Professor **François Duret**, the inventor of CAD/CAM in dentistry, has combined video image capture and satellite mapping tec...

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Intraoral digital scans: Part 2-influence of ambient scanning light conditions on the mesh quality of different intraoral scanners

by

Mutlu Özcan, Marta Revilla-León

A highly followed author

...he zero light condition obtained the minimal mean mesh quality across all IOS groups. REFERENCES 1. **Duret F.** Toward a new symbolism in the fabrication of prosthetic design. Les Cahiers de Prothèse 1985;13:65...

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Improvement of CAD to Produce Crown by Considering Occlusion

by

SOHMURA, Taiji, TAKAHASHI, Junzo

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...データ,歯冠データおよび連結部データからなるCADデータが完成した。これらはCAMのある。ための基礎データとなり得るもので **Duret, F.**, Bloulin. J.L. and Duret, B.: CAD-CAM in dentistry, JADA 117: 715-720, 1988. Rekow, E.D.: Dental C...

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Development of Crown Production System by Virtual Articulator and NC Machine Tool

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...模型製作,ワロストワックス鑄造研るとされている。支ックスアップ,文献1) 2) Hikita K, Uchiyama Y, Iiyama K, **Duret F.** Function and clinical application of dental CAD/CAM "GN-1". Int J Comput Dent 2002; 5 (1): 11-23. ...

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Cad/cam in prosthodontics: an era of digital dentistry

by

Prema SivakumarSivakumar, Preetham Prasad Nittla

This mention was found in a paper hosted outside of Academia.edu

...norama of dental CAD/CAM restorative systems Compend Contin Educ Dent, Volume 29, 2008, pp. 482-488 **Duret F,** Preston JD. CAD/CAM imaging in dentistry. Curr Opin Dent 1991; 1: 150-154. Mormann W.H., The origi...

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Studies of Machinable Ceramics for Dental Applications (Part 1). Color Analysis

by

TAIRA, Masayuki, WAKASA, Kunio, YAMAKI, Masao, TANAKA, Nobuyuki, SHINTANI, Hideaki

This mention was found in a paper hosted outside of Academia.edu

...セラミックスとVitaの焼付陶材用shade guideを用い示唆された。業用に相と分散相からなる微細構大幅に下げる必要のあること **Duret, F.**, Blouin, J.-L. and Duret, B.: CAD-CAM in dentistry, J Am Dent Assoc 117: 715-720, 1988. Beall, G.H...

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Current Trends in Aesthetic Dentistry

by

AlJehani, Yousef A., Baskaradoss, Jagan K., Geevarghese, Amrita, AlShehry, Marey A.

This mention was found in a paper hosted outside of Academia.edu

...Posterior In-Ceram CAD/CAM Core Crowns. International Journal of Prosthodontics, 15, 451-456. [34] **Duret, F.**, Blouin, J.L. and Duret, B. (1988) CAD-CAM in Dentistry. Journal of the American Dental Associatio...

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The effect of post type and length on the fracture resistance of endodontically treated teeth

by

McLaren, John D., McLaren, Charles I., Yaman, Peter, Bin-Shuwaish, Mohammed S., Dennison, Joseph D., McD...

This mention was found in a paper hosted outside of Academia.edu

...n fatigue failure of compromised teeth. Int J Prosthodont 2002; 15:175-8. 36. Duret B, Reynaud M, **Duret F.** Un nouveau concept de reconstruction coronaradiculaire: Le composiposte. Chirurg Dent France 1990;...



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Còrrelation between Accuracy of Crowns Fabricated Using CAD/CAM and Elastic Deformation of CAD/CAM Materials

by

YARA, Atsushi, GOTO, Shin-ichi, OGURA, Hideo

This mention was found in a paper hosted outside of Academia.edu

...by the difference in the cement space in a CAD/CAM system. Nihon Univ J Oral Sci 2003; 29: 142-149. **Duret F**, Tunokawa H, Nakai A, Ogura H, Sato K. Accuracy of full crowns fabricated by CAD/CAM using two diff...

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Avaliação da resistência adesiva, por meio do teste de microtração, da interface pino de fibras de vidro / cimento / dentina radicular variando-se cimentos, adevivos dentinários e tempo de armazenamento

by

Mendonça Neto, Tatiány de, de Mendonça Neto, Tatiány

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...nsile bond strengths of bonding agents. Dent Mater. 2005; 21(4):354-64. 22. **Duret, B.**; Reynaud, M.; **Duret, F.** New concept of coronoradicular reconstruction: the Composipost. Chir Dent Fr. 1990; 22(60):131-4...

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Assessment of Marginal Discrepancies In Zirconia Fixed Dental Prosthesis Fabricated Using Various Cad Cam Milling Systems - A Systematic Review

by

IOSR Journals

**STRUCTURED ABSTRACT Aim**The aim of this systematic review is to assess the studies on the marginal discrepancy of zirconia based fixed dental prosthesis reproduced by various CAD CAM milling systems and to evaluate which CAD CAM milling system produced zirconia based fixed dental prosthesis with least marginal discrepancy. **Data sources and search methods** A comprehensive electronic search was done in online databases, 'Pubmed'and 'Google Scholar' and 'Cochrane' based on predetermined eligibility criteria. **In-vitro studies** assessing the marginal discrepancy of zirconia based fixed dental prosthesis were selected after thorough screening. The search strategy covered all studies published until February 2019 and yielded a total of 7 articles out of which 4 studies were determined to fulfil the inclusion criteria and were selected for this review. **Review methods** Data extraction from the included studies was conducted by the primary author and reviewed by the second author. The information collected included sample size and population, study design, intervention, vertical marginal discrepancy, horizontal marginal discrepancy and absolute marginal discrepancy and measurement methods to determine marginal discrepancy. **Results** Out of 1348 articles obtained after the search, 4 studies were determined to fulfil the inclusion criteria and were selected for this review. Out of which only 1 article revealed measurements of vertical, horizontal and absolute marginal discrepancies while 3 studies revealed the vertical marginal discrepancy values and 2 studies revealed measurements of absolute marginal discrepancy. **Study heterogeneity** made it impossible to perform a meta-analysis of the research findings and to compare the rank of various systems that are discussed in this systematic review. **Conclusion** Despite the limitations this study, it can be concluded that conclude that Zirkonzahn milling unit M 1 CAD CAM system produced the least vertical and absolute marginal discrepancy and Everest Kavo Biberach CAD CAM milling system produced the least horizontal marginal discrepancy. However, longer clinical trials are required to provide a stronger level of evidence to validate the results of this systematic review.

more ▾

A highly followed author

...e Assessment of Marginal Discrepancies In Zirconia Fixed Dental Prosthesis Fabricated Using .. [6]. **Duret F**, Blouin JL, Duret B. CAD-CAM in dentistry. The Journal of the American Dental Association. 1988 Nov...

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