

Stéphanie Bégin

Résidente multidisciplinaire
Faculté de médecine dentaire
Université Laval

Alexandre Gagné, DMD

Professeur assistant en prosthodontie
Faculté de médecine dentaire
Université Laval

Ghassan Al-Dika, DMD, M. Sc.

Prosthodontiste, professeur adjoint en prosthodontie
Faculté de médecine dentaire
Université Laval

Conception et fabrication assistées par ordinateur : une nouvelle avenue en prothèse partielle amovible

Références bibliographiques

1. NaBadalung, D. P., Nicholls, J. I. Laser welding of a cobalt-chromium removable partial denture alloy. *J Prosthet Dent* 1998; 79 : 285-90.
2. Barucca, G., Santecchia, E., Majni, G. et collab. Structural characterization of biomedical Co-Cr-Mo components produced by direct metal laser sintering. *Mat Sci Eng* 2015; 48 : 263-69.
3. Abduo, J., Lyons, K., Bennamoun, M. Trends in computer-aided manufacturing in prosthodontics: A review of the available streams. *Int J Dent* 2014; 1-15.
4. Rosenstiel, S. F., Land, M. F., Fujimoto, J. *Contemporary fixed prosthodontics*, 4th ed. St. Louis : Elsevier, 2006 : 589-615.
5. Rudd, R. W., Rudd, K. D. A review of 243 errors possible during the fabrication of a removable partial denture: Part I, II and III. *J Prosthet Dent* 2001 : 251-87.
6. Lima, J. M. C., Anami, L. C., Araujo, R. M., Pavanelli, C. A. Removable partial dentures: Use of rapid prototyping. *J Prosthodont* 2014; 23 (7) : 588-91.
7. www.dentalwings.com/fr/.
8. <http://3drpd.ca>.
9. Mazzoldi, A. Selective laser sintering in biomedical engineering. *Med Biol Eng Comput* 2013; 51 : 245-56.
10. Meacock, C. G., Vilar, R. Structure and properties of a biomedical Co-Cr-Mo alloy produced by laser powder microdeposition. *J Laser Appl*; 2009; 21 : 88-95.
11. Vandenbroucke, B., Kruth, J. P. Selective laser melting of biocompatible metals for rapid manufacturing of medical parts. *Rapid Prototyp J* 2007; 13 : 196-203.
12. Reclaru, L., Ardelean, L., Rusu, L. C., Sinescu, C. Co-Cr material selection in prosthetic restoration: Laser sintering technology. *Solid State Phenom* 2012; 188 : 412-15.
13. Lucchetti, M. C., Fratto, G., Valeriana, F. et collab. Cobalt-chromium alloys in dentistry: An evaluation of metal ion release. *J Prosthet Dent* 2015; 114 : 602-8.
14. Geurtsen, W. Biocompatibility of dental casting alloys. *Crit Rev Oral Biol Med* 2002; 13 : 71-84.
15. Sanz, C., Navas, V. G. Structural integrity of direct metal laser sintered parts subjected to thermal and finishing treatments. *J Mater Process Technol* 2013; 213 : 2126-36.
16. Abduo, J., Lyons, K., Bennamoun, M. Trends in computer-aided manufacturing in prosthodontics: A review of the available streams. *Int J Dent* 2014 : 1-15.
17. Henriques, G. E., Consani, S., Rollo, J. M., Andrade e Silva, F. Soldering and remelting influence on fatigue strength of cobalt-chromium alloys. *J Prosthet Dent* 1997; 78 : 146-52.

Mélanie Gagnon, DMD

Résidente au programme de spécialisation
en gérodentologie, étudiante au programme
de maîtrise en sciences dentaires
Faculté de médecine dentaire
Université Laval

Christian Caron, DMD, LL. B., D. Sc. Méd.

Professeur titulaire
Faculté de médecine dentaire
Université Laval

Démence et soins dentaires

Références bibliographiques

1. American Medical Association. *Quarterly Cumulative Index Medicus*. Chicago : American Medical Association, 1927.
2. Institut de la statistique du Québec. *Le bilan démographique du Québec*. Édition 2015 [en ligne]. [Consulté le 18 août 2016]. Disponible au www.stat.gouv.qc.ca/statistiques/population-demographie/bilan2015.pdf.
3. MSSS – Professionnels. *Alzheimer et autres troubles neurocognitifs majeurs* [en ligne]. [Consulté le 1^{er} sept. 2016]. Disponible au www.msss.gouv.qc.ca/professionnels/alzheimer/.
4. Yellowitz, J. A., Schneiderman, M. T. Elder's Oral Health Crisis. *J Evid Based Dent Pract* 2014; 14 : 191-200.
5. Pyle, M. A., Jasinevicius, T. R., Sawyer, D. R., Madsen, J. Nursing home executive directors' perception of oral care in long-term care facilities. *Spec Care Dent* 2005; 25 (2) : III-7.
6. Turner, L. N., Balasubramaniam, R., Hersh, E. V., Stoopler, E. T. Drug therapy in Alzheimer disease: An update for the oral health care provider. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2008; 106 (4) : 467-76.
7. Friedlander, A. H., Norman, D. C., Mahler, M. E., Norman, K. M., Yagiela, J. A. Alzheimer's disease: Psychopathology, medical management and dental implications. *J Am Dent Assoc* 2006; 137 (9) : 1240-51.
8. WHO-OMS. *La démence* [en ligne]. [Consulté le 1^{er} sept. 2016]. Disponible au www.who.int/mediacentre/factsheets/fs362/fr/.
9. Hebert, L. E., Scherr, P. A., Bienias, J. L., Bennett, D. A., Evans, D. A. Alzheimer disease in the US population: Prevalence estimates using the 2000 census. *Arch Neurol* 2003; 60 (8) : 1119-22.
10. Voyer, P. *Soins infirmiers aux aînés en perte d'autonomie*. 2^e éd. Montréal : Pearson/ERPI, 2013.
11. Sacco, D., Frost, D. E. Dental management of patients with stroke or Alzheimer's disease. *Dent Clin North Am* 2006; 50 (4) : 625-33.
12. Silverman, J. M., Ciresi, G., Smith, C. J., Marin, D. B., Schnaider-Beerli, M. Variability of familial risk of Alzheimer disease across the late life span. *Arch Gen Psychiatry* 2005; 62 (5) : 565-73.
13. Ciccù, M., Maticena, G., Signorino, F., Brugaletta, A., Ciccù, A., Bramanti, E. Relationship between oral health and its impact on the quality life of Alzheimer's disease patients: A supportive care trial. *Int J Clin Exp Med* 2013; 6 (9) : 766-72.
14. Finkel, S. I., Costa e Silva, J., Cohen, G., Miller, S., Sartorius, N. Behavioral and psychological signs and symptoms of dementia: A consensus statement on current knowledge and implications for research and treatment. *Int Psychogeriatr IPA* 1996; 8 Suppl 3 : 497-500.
15. Craig, D. Apolipoprotein E e4 allele influences aggressive behaviour in Alzheimer's disease. *J Neurol Neurosurg Psychiatry* 2004; 75 (9) : 1327-30.
16. Arcand, M., Hébert, R. (dir.). *Précis pratique de gériatrie* (3^e éd.). Acton Vale : Edisem, 2007.
17. Robbins, M. R. Neurologic diseases in special care patients. *Dent Clin North Am* 2016; 60 (3) : 707-35.

Démence et soins dentaires

Références bibliographiques (suite)

18. Mattson, M. P. Pathways towards and away from Alzheimer's disease. *Nature* 2004; 430 (7000) : 631-9.
19. Ettinger, R. L. Dental management of patients with Alzheimer's disease and other dementias. *Gerodontology* 2000; 17 (1) : 8-16.
20. INESSS. *Options de traitement pharmacologique* [en ligne]. [Consulté le 1^{er} sept. 2016]. Disponible au www.inesss.qc.ca/fileadmin/doc/INESSS/Webinaires/Octobre_2015/INESSS_GUO_Alzheimer.pdf.
21. Kocaelli, H., Yaltirik, M., Yargic, L. I., Özbas, H. Alzheimer's disease and dental management. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2002; 93 (5) : 521-4.
22. Doraiswamy, P. M. Non-cholinergic strategies for treating and preventing Alzheimer's disease. *CNS Drugs* 2002;16 (12) : 811-24.
23. Patterson, M. B., Schnell, A. H., Martin, R. J., Mendez, M. F., Smyth, K. A., Whitehouse, P. J. Assessment of behavioral and affective symptoms in Alzheimer's disease. *J Geriatr Psychiatry Neurol* 1990; 3 (1) : 21-30.
24. Blennow, K., de Leon, M. J., Zetterberg, H. Alzheimer's disease. *Lancet Lond Engl* 2006; 368 (9533) : 387-403.
25. Société Alzheimer du Canada. *Les stades de la maladie d'Alzheimer* [en ligne]. [Consulté le 1^{er} sept. 2016]. Disponible au www.alzheimer.ca/fr/About-dementia/Alzheimer-s-disease/Stages-of-Alzheimer-s-disease.
26. Beard, C. M., Kokmen, E., Sigler, C., Smith, G. E., Petterson, T., O'Brien, P. C. Cause of death in Alzheimer's disease. *Ann Epidemiol* 1996; 6 (3) : 195-200.
27. Société Alzheimer du Canada. *Autres troubles cognitifs* [en ligne]. [Consulté le 1^{er} sept. 2016]. Disponible au www.alzheimer.ca/fr/About-dementia/Dementias/.
28. Ship, J. A., DeCarli, C., Friedland, R. P., Baum, B. J. Diminished submandibular salivary flow in dementia of the Alzheimer type. *J Gerontol* 1990; 45 (2) : M61-66.
29. Ellefsen, B., Holm-Pedersen, P., Morse, D. E., Schroll, M., Andersen, B. B., Waldemar, G. Caries prevalence in older persons with and without dementia. *J Am Geriatr Soc* 2008; 56 (1) : 59-67.
30. Chalmers, J., Pearson, A. Oral hygiene care for residents with dementia: A literature review. *J Adv Nurs* 2005; 52 (4) : 410-9.
31. Avlund, K., Holm-Pedersen, P., Morse, D. E., Viitanen, M., Winblad, B. Tooth loss and caries prevalence in very old Swedish people: The relationship to cognitive function and functional ability. *Gerodontology* 2004; 21 (1) : 17-26.
32. Ghezzi, E. M., Ship, J. A. Dementia and oral health. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod* 2000; 89 (1) : 2-5.
33. Henry, R. G., Smith, B. J. Managing older patients who have neurologic disease: Alzheimer disease and cerebrovascular accident. *Dent Clin North Am* 2009; 53 (2) : 269-94.
34. Ordre des dentistes du Québec. *Utilisation des contentions* [en ligne]. [Consulté le 1^{er} sept. 2016]. Disponible au www.odq.qc.ca/Portals/5/fichiers_publication/politiques/Utilisation_des_contentions.pdf.
35. Galli, M. T., Henry, R. G. Using intravenous sedation to manage adults with neurological impairment. *Spec Care Dent* 1999; 19 (6) : 275-80.
36. Niessen, L. C., Jones, J. A., Zocchi, M., Gurian, B. Dental care for the patient with Alzheimer's disease. *J Am Dent Assoc* 1985; 110 (2) : 207-9.
37. Hsu, K. T., Shuman, S. K., Hamamoto, D. T., Hodges, J. S., Feldt, K. S. The application of facial expressions to the assessment of orofacial pain in cognitively impaired older adults. *J Am Dent Assoc* 2007; 138 (7) : 963-969-1022.
38. Stewart, S. A. The effects of benzodiazepines on cognition. *J Clin Psychiatry*. 2005; 66 Suppl 2 : 9-13.

Marcel Clercq, DMD, M. Sc.
Service de médecine dentaire en oncologie
L'Hôtel-Dieu de Québec

Lésions à risque et diagnostic précoce

Références bibliographiques

1. Kalavrezos, N., Scully, C. Mouth cancer for clinicians part 7: Cancer diagnosis and pre-treatment preparation. *Dent Update* 2016; 43 : 50-65.
2. Seoane, J., Alvarez-Novoa, P., Gomez, I. et collab. Early oral cancer diagnosis: The Aarhus statement perspective. A systematic review and meta-analysis. *Head Neck* 2015; 38 : E 2182-9.
3. Cleveland, J. L., Thornton-Evans, G. Total diagnostic delay cancer may be related to advance disease stage at diagnosis. *Evid Base Dent Pract* 2012; 12 : 84-6.
4. Seoane, J., Takkouche, B., Varela-Centelles, P., Thomas, I., Seoane-Romero, J. M. Impact of delay in diagnosis on survival to head and neck carcinomas: A systematic review with meta-analysis. *Clin Otolaryngol* 2012; 37 : 99-106.
5. Xiang-Juan, T., Zhen-Feng, S., Zhan-Gui, T., Xin-Cheng, G. The impact of clinical prognostic factors on the survival of patients with oral squamous cell carcinoma. *J Oral Maxillofac Surg* 2014; 72 : 2497.
6. Allen, K., Farah, F. S. Patient perspectives of diagnostic delay for suspicious oral mucosal lesions. *Austr Dent J* 2015; 60 : 397-403.
7. Noonan, B. Understanding the reasons why patients delay seeking treatment for oral cancer symptoms from a primary health care professional: An integrative literature review. *Eur J Oncol Nurs* 2014; 18 : 118-24.
8. Panzarella, V., Pizzo, G., Calvino F., Compilato, D., Colalla, G., Campisi, G. Diagnostic delay in oral squamous cell carcinoma: The role of cognitive and psychological variables. *Int J Oral Sci.* 2014; 6 : 39-45.
9. Joshi, P., Nair, S., Chaturvedi, P., Nair, D., Agarwal, J. P., D'Cruz, A. K. Delay in seeking specialized care for oral cancers: Experience from a tertiary cancer center. *Indian J Cancer* 2014; 51 : 95-7.
10. Brouha, X.D. R., Tromp, D. M., Koole, R., Hordijk, G. J., Winnubst, J. A. M., de Leeuw, J. R. J. Professional delay in head and neck cancer patients: Analysis of the diagnostic pathway. *Oral Oncol* 2007; 43 : 551-6.
11. Güneri, P., Epstein, J. B. Late stage diagnosis of oral cancer: Components and possible solutions. *Oral Oncol* 2014; 50 : 1131-6.
12. Stefanuto, P., Doucet, J.-C., Robertson, C. Delays in treatment of oral cancer: A review of the current literature. *Oral Surg Oral Pathol Oral Radiol* 2014; 117 : 424-9.
13. Allison, P., Franco, E., Black, M., Feine, J. The role of professional diagnostic delays in the prognosis of upper aerodigestive track carcinoma. *Oral Oncol* 1998; 34 : 147-53.
14. Lee, J. J., Dhepnorrarat, C., Nyhof-Young, J., Witterick, I. Investigating patient and physician delays in the diagnosis of head and neck cancers: A Canadian perspective. *J Can Educ* 2016; 31 : 8-14.
15. Yu, T., Wood, R. E., Tenenbaum, H. C. Delays in diagnosis of head and neck cancers. *JADA* 2008; 74 (1) : 61-61c.
16. Lydiatt, D. D. Cancer of the oral cavity and medicolegal malpractice. *Laryngoscope* 2002; 112 : 816-9.
17. Epstein, J. B., Kish, R. V., Hallajian, L., Sciubba, J. Head and neck, oral, and oropharyngeal cancer: A review of medicolegal cases. *Oral Surg Oral Med Oral Pathol Oral Radiol* 2015; 119 : 177-85.