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Conservative management of dental erosion in adolescents with medical conditions (Article) (Open Access)

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Abstract

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The prevalence of dental erosion among children and adolescents is trending higher in recent decades and is becoming a major concern. Dental erosion can be caused by either extrinsic or intrinsic acids or both. One of the established aetiological factors for dental erosion by intrinsic acid is the gastrooesophageal reflux disease. The degree of dental erosions may be influenced by any medical conditions that cause a reduction in salivary flow such as the salivary gland excision, autoimmune disease, radiation to the head and neck regions, and medications. If left untreated, the dental erosion can cause dentine hypersensitivity, loss of occlusal vertical height, and aesthetic problems. For effective management of dental erosion, the aetiology of each case must be determined, and its detection at an early stage is of prime importance. This case report illustrates the conservative management of dental erosion in two adolescent patients presented with their medical conditions and behaviour issues. The aim of the treatments was to preserve the vitality of the affected teeth. The treatments were successfully completed using a conservative approach, with the patients' medical conditions taken into consideration. Copyright © 2018 Hikmah Mohd Nor and Nor Asilah Harun. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

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- ☐ 1 O'Sullivan, E., Milosevic, A.
UK National Clinical Guidelines in Paediatric Dentistry: Diagnosis, prevention and management of dental erosion

(2008) *International Journal of Paediatric Dentistry*, 18 (SUPPL. 1), pp. 29-38. Cited 21 times.
doi: 10.1111/j.1365-263X.2008.00936.x

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- ☐ 2 Selwitz, R.H., Ismail, A.I., Pitts, N.B.
Dental caries

(2007) *Lancet*, 369 (9555), pp. 51-59. Cited 986 times.
doi: 10.1016/S0140-6736(07)60031-2

[View at Publisher](#)
- ☐ 3 Moynihan, P., Petersen, P.E.
Diet, nutrition and the prevention of dental diseases ([Open Access](#))

(2004) *Public Health Nutrition*, 7 (1 A), pp. 201-226. Cited 318 times.
doi: 10.1079/PHN2003589

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- ☐ 4 García-Godoy, F., Hicks, M.J.
Maintaining the integrity of the enamel surface: The role of dental biofilm, saliva and preventive agents in enamel demineralization and remineralization

(2008) *Journal of the American Dental Association*, 139 (5 SUPPL.), pp. 25S-34S. Cited 122 times.
<http://jada.ada.org/>

[View at Publisher](#)
- ☐ 5 Nunn, J.H., Gordon, P.H., Morris, A.J., Pine, C.M., Walker, A.
Dental erosion - Changing prevalence? A review of British national childrens' surveys

(2003) *International Journal of Paediatric Dentistry*, 13 (2), pp. 98-105. Cited 117 times.
doi: 10.1046/j.1365-263X.2003.00433.x

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- ☐ 6 Saerah, N.B., Ismail, N.N., Naing, L., Ismail, A.R.
Prevalence of tooth wear among 16-year-old secondary school children in Kota Bharu Kelantan
(2006) *Archives of Orofacial Sciences*, 1, pp. 21-28. Cited 7 times.