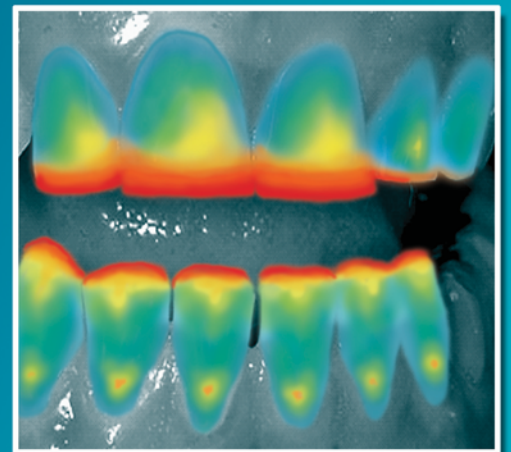


International Dental Journal

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Supplement 1



LEVEL OF TOOTH WEAR

HIGH LOW

Worn Out and Hypersensitive!
A Fresh Look at Erosion and Abrasion

fdi 

Published by
FDI World Dental Press

An Introduction from GlaxoSmithKline

Dear Colleague,

Tooth Wear – a 21st Century Issue!

World Dental Congresses provide the global family of dentistry a major opportunity to review changing patterns of oral diseases and disorders and to identify emerging issues and challenges for oral health. The infectious dental diseases, while not as widespread as in the 20th century, are still a challenge to many populations, but as their prevention and control have extended the longevity of the natural dentition to that of most other life-critical organs and systems, the wear and tear of modern lifestyles has taken its toll. Tooth wear is becoming more and more apparent in the early stages of life as dietary acids soften the tooth surface and facilitate its loss. One of the issues for the profession is to identify the problem in its early stages and to institute a comprehensive approach to a solution through prevention and treatment.

GlaxoSmithKline is committed to improving oral health and well-being by unique and successful industry-professional partnerships working with dental professionals in the front line of care in dental practice; with dental scientists in creating greater understanding of oral care needs and to develop new products; and with dental educators in developing the practitioners and leaders of tomorrow. I want to thank the FDI for allowing GlaxoSmithKline to assemble this world-class panel of experts to discuss toothwear and dentine hypersensitivity, and to communicate the proceedings to create better awareness and understanding of this emerging issue for oral health in the 21st century.

I hope you find the information contained in this supplement to be useful in your delivery of dental care and for improving the oral health for your local communities.

Sincerely,



Dr. David C. Alexander
BDS, MSc, MGDS, DDPHRCS(Eng).
GlaxoSmithKline

Correspondence address: GlaxoSmithKline, Parsipanny Innovation Center, 1500 Littleton Road, Parsipanny, NJ 07054, USA. Email: david.c.alexander@gsk.com.



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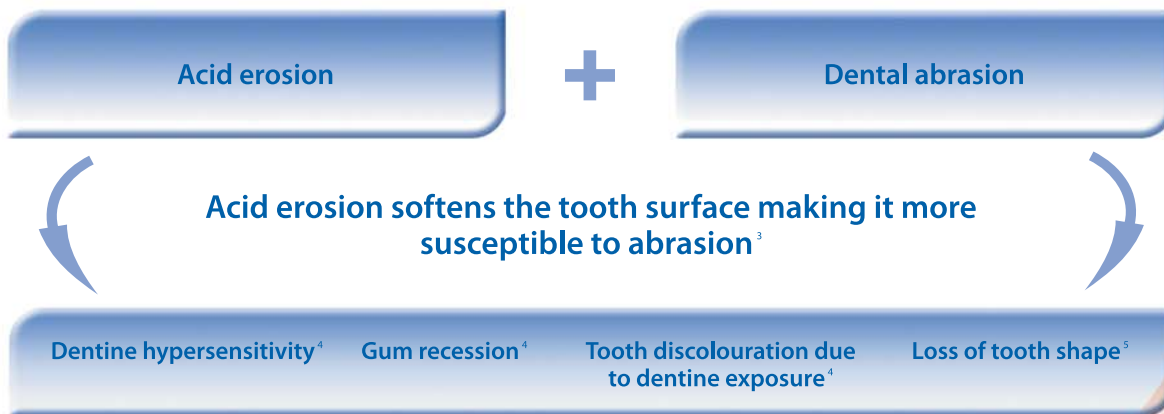
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Enabling people to do more, feel better and live longer



What is the biggest threat to teeth in the 21st century?

- Tooth wear is a rising problem thanks to today's lifestyles^{1,2}; dental abrasion is not the only cause
- More people are consuming high acid food and drinks, thereby exposing their teeth to the risk of acid erosion
- Acid erosion is a neglected but important factor in the irreversible loss of hard dental tissue, with potentially serious consequences:²



Developing 21 st century tooth care for 21 st century teeth

SENSODYNE
Leadership and innovation

References:

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² WG Young, Int Den J 2005; 55(2): 67-72

³ Gandara BK, Truelove EL. J Contemp Dent Prac 1999;1(1):1-17

⁴ Dababneh RH, Khouri AT and Addy M. B Dent J 1999; 187: 606-611

⁵ Bartlett, D. Int Dent J. (In press) 2005