For the last 50 years Sensodyne has been at the forefront of scientific innovation into the aetiology, treatment and prevention of dentine hypersensitivity and erosive tooth wear. In January 2011 GlaxoSmithKline celebrated 50 Years of Sensodyne innovation by hosting a 50th anniversary symposium in Madrid, Spain. Experts in the field of dentistry and dental research discussed the past, present and most importantly the future of oral health, each presenting a prospective from their own field of specialism.

Principal Speakers
The principal speakers at the symposia included Professor Francis Hughes, Professor J.M (‘bob’) ten Cate, Professor David Bartlett and Professor Martin Addy.

All speakers agreed that dentistry had come a long way in 50 years however good oral health for all is a challenge and can only be achieved by linking treatment to patient needs. “Research into genetic profiling holds many possibilities,” Professor Francis Hughes.

Oral Health prevention, a relatively neglected area of global health, is now key and commitment is needed by policy makers to prevent chronic diseases. “The effectiveness and contribution of fluoride toothpastes are undisputed, however in the future priorities should include ‘Better’ or ‘Smarter’ products that improve compliance, availability and affordability. Every one can learn to brush- however a paradigm shift in prevention needs to occur, as caries prevention is very dependent on fluoride,” Professor J.M (‘bob’) ten Cate.

“In future there will be reduced government funding for dentistry practice and research, therefore there is a need for Industry and University collaboration with research focused on clinical needs and realistic outcomes. Prevention of erosion needs changes to formulation of toothpastes which actively protect enamel and dentine from acids,” Professor David Bartlett.

“Traditionally there has been a lack of understanding of the aetiology of hypersensitivity and gingival recession. For dentists to offer advice they need to be educated and Industry has a role,” Professor Martin Addy.

Professor Addy called for further research that is fully scientifically founded. “Many clinical trials on treatments for dentine hypersensitivity belong in the realms of testimonials. Areas for improvement include Objective Evaluation Criteria, better controls and evidence of stimulus response and therapeutic action. There is a need to be able to really magnify and visualise Dentine ei-
Welcome to a new layer of Sensodyne expertise in dentine hypersensitivity

Today you can go further than treating the pain of dentine hypersensitivity with Sensodyne. Today you have new Sensodyne® Repair & Protect containing NovaMin® calcium phosphate technology. NovaMin® builds a reparative hydroxyapatite-like layer over exposed dentine and within the tubules. This layer has a similar chemical composition to hydroxyapatite mimicking the tooth’s natural composition and strongly binding to the collagen in dentine.

Starting to form from the first use, this reparative layer creates an effective and lasting barrier to the pain of dentine hypersensitivity with twice-daily brushing.

Explore a new layer of opportunity with Sensodyne Repair & Protect

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Compressing wedge mimics natural separation and prevents overhangs
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The next 50 years will be even more exciting for GSK Sensodyne

Sensodyne’s strengths lie in its dental and clinical heritage, 50 years of Sensodyne. With regular twice daily use, it helps maintain lasting protection to deliver clinically proven relief from the pain of dentine hypersensitivity.

GlaxoSmithKline-Dentsply Collaboration

GlaxoSmithKline are working with DENTSPLY, a global leader in professional dental products, to develop the new Sensodyne NUPRO® Professional Range also utilising NovaMin® technology. The in-Office Prophy Paste is the only prophylaxis product containing the unique patented ingredient, NovaMin®.

GlaxoSmithKline acknowledges it owes a lot to all those who have worked on Sensodyne in the last 50 years both internally and externally, “The next 50 years will be even more exciting for GSK Sensodyne with continued investment into leadership in oral care. Sensodyne has been ‘living in exponential times’” Teresa Layer, Vice President, Oral Healthcare R&D.

The research shows the transformation of Novamin in saliva - changes are not only seen in structure but can also be measured in changes in chemical composition. This dynamic reparative layer is harder than natural dentine; it is able to withstand daily oral challenges such as tooth brush abrasion, and dietary acids challenges. With regular twice daily use, it helps maintain lasting protection to deliver clinically proven relief from the pain of dentine hypersensitivity.


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