Dentine hypersensitivity solution

Colgate has come up with a solution for dentine hypersensitivity relief – a condition which affects nearly 60 per cent of people.

Colgate presented its Pro-Argin technology at the 2009 British Dental Association conference held in Glasgow.

Pro-Argin technology uses a combination of an amino acid, arginine and an insoluble calcium compound, calcium carbonate, to seal open dentine tubules and help block the transmission of heat, cold, air and pressure stimuli to pain receptors within teeth. Colgate has added the technology to a new product, Colgate Sensitive Pro-Relief, an in-surgery desensitising polishing paste with Pro-Argin technology.

Dentine hypersensitivity is thought to affect up to 57 per cent of patients worldwide. Current treatment methods include the use of high concentration fluoride or potassium salts. Although with these, patients generally continue to experience dentine hypersensitivity.

Dr. Mark Wolff, chair of the department of cardiology and comprehensive care and associate dean for pre-doctoral clinical education at New York University College of Dentistry, said: ‘Correct diagnosis and effective treatment are critical to relieving this condition, which can seriously impact a patient’s quality of life. There is still a need for fast, lasting relief in the dental office.’

He added: ‘Pro-Argin technology will make dentine hypersensitivity a patient complaint that can be easily addressed and managed as part of an overall treatment plan.’

Arginine is an amino acid naturally found in saliva that provides naturally protective oral health benefits. Research has shown that the positively charged arginine in the Pro-Argin technology binds to the negatively charged dentine surface, which helps attract a calcium-rich layer into the dentine tubules to effectively plug and seal them. Arginine triggers occlusion of the dentine tubules, which remains intact even after exposure to acids, helping to prevent transmission of pain-producing stimuli.

Professor Roger Ellwood, director of clinical research (Europe) at Colgate-Palmolive said: ‘Our Pro-Argin technology not only reinforces Colgate’s commitment to R&D but revolutionises the way dentine hypersensitivity will be treated and prevented.’

The new Colgate Sensitive Pro-Relief desensitising paste with Pro-Argin technology is clinically proven to provide immediate sensitivity relief that lasts for four weeks after a single application. It can be used before or after dental procedures, such as prophylaxis and scaling. When applied prior to a professional dental cleaning, the desensitising paste will provide a significant reduction in dentine hypersensitivity measured immediately following the dental cleaning as compared to a control prophylaxis paste.

For further information call the Colgate Customer Care Team on 01483 401 901 or visit www.colgateprofessional.co.uk.

Not just the patient in pain?

Let’s face it, after a day in surgery, who wants an aching back, neck and shoulders. It doesn’t stop there either. Pain can stop you working. It is also the most common cause of premature retirement amongst practising dental professionals.

4 Handed Dentistry
• 1 day practical workshops for the dental team
• Taught by qualified medical and dental professional
• Based on up-to-date research
• Help self manage and prevent future reoccurrence
• Over 2,000 attended Dr. Pilkington’s courses

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Wimbledon in surgery

A Scottish dentist had five television screens installed in his surgery so people could watch Andy Murray in action at Wimbledon while having their teeth out.

Cosmetic dentists Lubiju in Leith in Edinburgh had £5,000 worth of 26” flatscreen Samsung TV’s installed in five suites in the surgery for the start of Wimbledon.

The television screens were installed above the dentist’s chair so the patient could watch the TV while being treated.

Cosmetic dentist Dr Biju Krishnan, who co-founded Lubiju with dental partner Dr Lubino do Rego said: ‘Even in this day and age, there are people who still have nerves over the dentist, so watching the TV can help take their mind off things – it’s about distracting them from the work at hand and watching TV is great for that.

‘Everyone was asking to watch Wimbledon though as they wanted to follow the progress of Andy Murray or see how his competitors are doing.

‘Fortunately no one got too carried away yet cheering in the chair or raising their arms in celebration while I was in their mouth or anything like that.’

Happy Backs
Back care courses for Dental Professionals
Colgate launches oral health month

Colgate launched its oral health month at the recent British Dental Association conference. This year the campaign is being run by the manufacturer Colgate, in partnership with the British Dental Association.

The theme for this campaign is ‘A thumbs up for your oral health’. The Department of Health’s evidence-based toolkit for prevention: Delivering Better Oral Health will form the basis of the Colgate Oral Health Month

Gaining the best skills

Educational resources provider, Smile-on, is now giving dental professionals the chance to gain excellent clinical photography skills.

Its Clinical Photography Course by Chris Orr, is accessible on-line or as a CD-ROM, and is designed to be easily incorporated into and around the working day. It introduces the role of clinical photography in effective risk management and explores straightforward solutions to treatment monitoring and how to benefit from robust medico-legal protection.

Marketing manager for Smile-on, Laura McKenzie said: ‘Digital cameras are now in common use and with the right approach, dental practices can unlock the astonishing opportunities of this technology. Working with Chris Orr, Smile-on is enabling dental professionals to get to grips with their digital cameras."

Introduction to S4S

It is not often that a commercial dental laboratory can offer a truly comprehensive service to those clinicians who are actively involved in the treatment of TMJ problems.

However, S4S are just such a laboratory, and they were one of several commercial laboratories that exhibited their services at the recent BDA Conference in Glasgow.

What makes S4S different is the fact that it can cater for virtually all the needs of those practitioners who are actively involved in the treatment of patients that suffer from with TMJ related problems such as bruxism, TMD pain, snoring and occlusal dysfunction.

S4S established in 2005 by co-owners, Matt Everatt and Neil Bullewell, and their appearance at the BDA Conference represents one of their first forays into the retail dental market arena, and this has proved extremely successful for them.

The laboratory has built an enviable reputation as a provider of custom-made laboratory fabricated appliances, such as Michigan and Tanner splints, orthodontic appliances and highly effective Anti-Snorring devices.

What has also been further enhanced by their appointment as sole UK distributors for the very successful NTI-tss appliance range.

This product has been around for some time, and is well known worldwide. The NTI-tss appliance allows dental practitioners to provide patients with a simple and quickly fabricated splint-like appliance that can be fitted at the chairside, and is very useful in fulfilling the practitioners’ requirements for an immediate temporary splint or de-programming device.

NTI-tss Free CPD

Practical class

Matt Everatt, Technical Director, is currently conducting CPD sessions for Dentists who wish to use NTI-tss or learn more about treatment with the device.

GDPs can arrange a visit to their own practice and the whole team can benefit from the presentation on how NTI-tss can effectively treat bruxism.

(contact S4S for your Free CPD session)

New treatment modality

The BDA Conference provided S4S with a launch pad for a completely new concept in Bruxism and Tmj treatment options - Grindcare is a ground-breaking treatment modality that can provide both a highly accurate assessment of Tmj muscle dysfunction, and can also be used to treat Tmj dysfunction by way of its biofeedback mechanism. S4S have now been appointed as the UK distributors for this product, and it is their intention to establish Grindcare Centres throughout the UK that will be able to make this device available for patients to use in their own home environment.

Grindcare is a medical device that uses EMG measurements and biofeedback that will help the practitioner in the over-all treatment of all bruxism and related Tmj problems.

The compact and stylish Grindcare unit was developed in Denmark, and uses state-of-the-art technology. Grindcare is diagnostically valuable, as well as offering treatment, it can record 30 nights consecutively taking data on the patients bruxing habits, such as frequency and intensity of clench and grinds.

Electrodes are attached to the stimulator and these are then attached using small pads to the area of the patients temporals muscle. Electrical EMG signals are measured when the muscle moves and an electrical impulse is then emitted which causes the muscle to relax. The Grindcare unit can be used during the patients sleeping hours thus enabling therapy throughout periods of nocturnal bruxism. A charger unit, and holder, safety cord and gel pads complete the Grindcare package, and unlike many earlier electronic bite splint treatment units, Grindcare is very compact, and easy to operate.

Treatment centres

DCP led clinics

It is the intention of S4S to establish Grindcare treatment centres throughout the UK, and the laboratory will provide all the required training, education and back-up that will be necessary for clinicians to operate these centres effectively.

This is an ideal opportunity to get DCPS actively involved in the treatment of Bruxism. Grindcare can easily be fitted and operated by DCPS, freeing up the Dentists time and surgery time, making for more cost effective treatment options.

With the introduction of the Grindcare concept will advance the prospects of successful Tmj therapy, and will also offer considerable opportunities for lucrative practice marketing.

The incorporation of Grindcare therapy in conjunction with other treatment modalities such as splint therapy should therefore allow fully comprehensive treatment programmes to be offered to patients, even in the most extreme cases.

Relief from the daily grind

Discussing the virtues of S4S’s treatment options and introducing the new Grindcare concept which aims to advance the prospects of successful treatment for bruxism.

The S4S stand at the BDA Conference and Exhibition in Glasgow last month