



## APAPRO® on trial: after just one application, patients and professionals alike laud Japanese nano-hydroxyapatite treatment paste

In Japan, the professional enamel-restoring products of SANGI Co., Ltd. are already an integral part of prophylaxis in many dental practices. To introduce its highly concentrated nano-hydroxyapatite treatment paste APAPRO® to German dental professionals, SANGI's Munich-based subsidiary SANGI Europe GmbH recently carried out product monitoring in conjunction with the German specialist dental media company Barometer Verlagsgesellschaft mbH - with excellent results. Dental professionals from a total of 50 dental practices, participating in a Barometer® Testphase<sup>1</sup> trial, tested APAPRO on patients receiving professional cleaning (PMT) or bleaching. In feedback from the patients themselves, over 90% told dentists their enamel felt smoother or much smoother and that the treatment was a pleasant experience. And among patients suffering from sensitive teeth, after just one application, 61% reported that sensitivity was relieved, and another 16% that it was 'greatly relieved.'

APAPRO contains a high concentration of the active ingredient nano<mHAP®>, a form of nano-hydroxyapatite first developed by SANGI in the 1970s for use in the world's first hydroxyapatite remineralizing toothpastes APADENT and APAGARD, which were launched in Japan in the 1980s. The ingredient was officially recognized as an anti-caries agent by the Japanese government in 1993, and is now firmly established in nano-hydroxyapatite toothpastes in Japan and other countries. It has been clinically shown to remineralize tooth enamel, protect against caries and dentinal hypersensitivity, and to visibly support tooth whitening by restoring mineral density to tooth enamel. SANGI's products were first launched in Europe in 2018.

The remineralizing dental cream APAPRO was developed especially for use in dental practices, and can be applied to the teeth with a rubber cup attached to a dental handpiece, or by means of a dental retainer tray, which patients can also use at home after professional instruction. APAPRO supplies mineral to the teeth to restore microscopic surface damage or demineralization caused by dental procedures such as scaling, bleaching or debonding, and is also useful for general maintenance. Over time, by supplying mineral, it has been shown to reduce white spot lesions (areas of demineralization below the tooth surface), restore surface smoothness and protect against root caries in highly exposed teeth.

APAPRO also protects against hypersensitivity and early recurrence of stains after bleaching, and creates a smooth, fresh feeling in the mouth that patients can feel immediately. In Japan, this is leading to a new approach to preventive dentistry: the beginning of painless, even soothing visits to the dentist for regular professional cleaning and mineral replacement therapy . . . an emerging concept known as "Treatment Care".

The Barometer® Testphase study was the first opportunity for German dentists and patients to rate the professional care cream. In total 77% of professionals testing the product directly confirmed an improvement in patients who had hypersensitivity. Participants also asked their patients' reaction to the product, both directly after application and again during a recall appointment after 2-6 weeks. Of patients responding in both cases (respectively n=48 and n=36), a staggering 94% said their enamel felt smoother or much smoother, while fully 98% said the treatment was a pleasant experience. Of those commenting at the time of recall, 47% noted that the smoothness they felt was long-lasting and 61% said APAPRO left them with a more pleasant mouth feeling than other products. Among patients receiving treatment for post-bleaching sensitivity who provided feedback (n=30), 63% said their sensitivity was either 'somewhat relieved' (50%) or 'greatly relieved' (13%).



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Among the dentists themselves, 83% said they consider it a useful tool for obtaining a recall appointment if the visit ends with a pleasant treatment and the patient goes home with a positive feeling. All testers agreed that APAPRO is easy to use and handle. Considering its other applications – such as reduction of white spot lesions, protection against root caries etc. - 57% said they believe APAPRO could be a valuable addition to their prophylaxis concept, and another 41% said they are considering it.

Some of the direct comments received from participants included the following (translated from the German).

Ms. R., Praxis Dr. B., Thurnau:

"The product has completely convinced us here in the office, as well as during the test at home. "

"Patients praise taste and super smooth mouth feel."

Dr. H., Markt Indersdorf:

"Patient says much smoother and less sensitive to pain after 2 weeks of home use."

APAPRO is available in Germany exclusively from Oral Care Center<sup>2</sup>. Information about distribution in other countries and about its applications can be found on the homepage of SANGI Europe GmbH (<https://sangi-eu.com/en/professional-use/dental-treatment-paste/apapro/>).

For further information, please contact Mark van Arb (Germany) or Dominik Demel (Japan) in either English or German, by telephone or email, at the addresses below.  
Or email [info@sangi-eu.com](mailto:info@sangi-eu.com).

<sup>1</sup> Barometer Testphase, recall Ausgabe 5+6/21, 17, 09.09.2021

E-Paper: [www.yumpu.com/de/document/read/65862630/e-paper-re-5-6-21](http://www.yumpu.com/de/document/read/65862630/e-paper-re-5-6-21)

<sup>2</sup> [www.oral-care-center.de/apapro-prophylaxe-creme-ad208/](http://www.oral-care-center.de/apapro-prophylaxe-creme-ad208/)

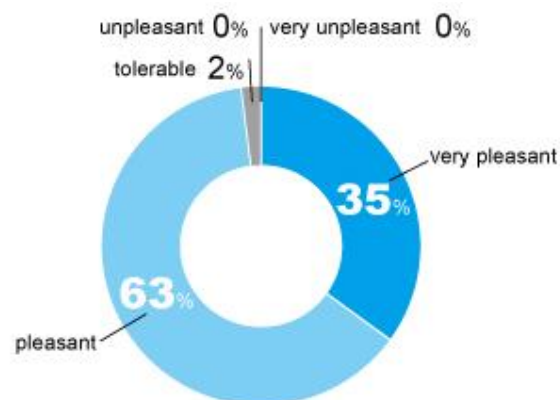


Fig. 1: Was the treatment with APAPRO® a pleasant experience for your patient? (n=48)



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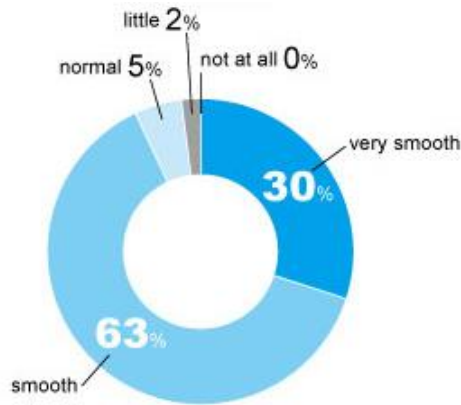


Fig. 2: Did your patient notice enamel smoothness (felt with the tongue) after the treatment? (n=48)

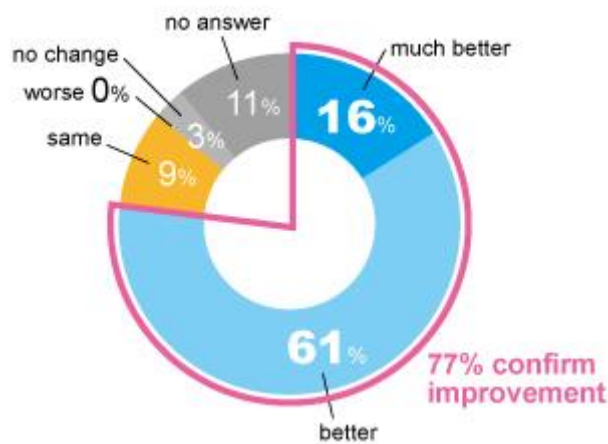


Fig. 3: Did patients with hypersensitivity feel any improvement after treatment with APAPRO®? 77% confirmed improvement after just one application. (n=48)

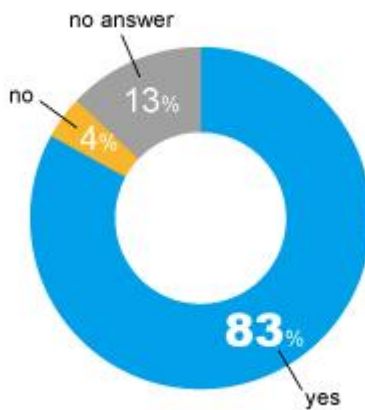


Fig. 4: Do you think the pleasant finishing treatment with APAPRO® could be a useful tool for encouraging patient recall? (n=48)



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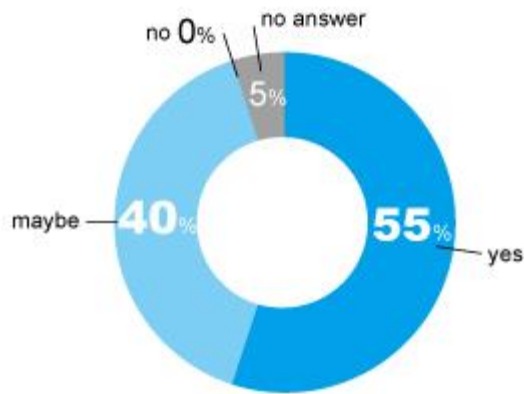


Fig. 5: Do you think APAPRO® could be a valuable addition to your prophylaxis concept? (n=46)

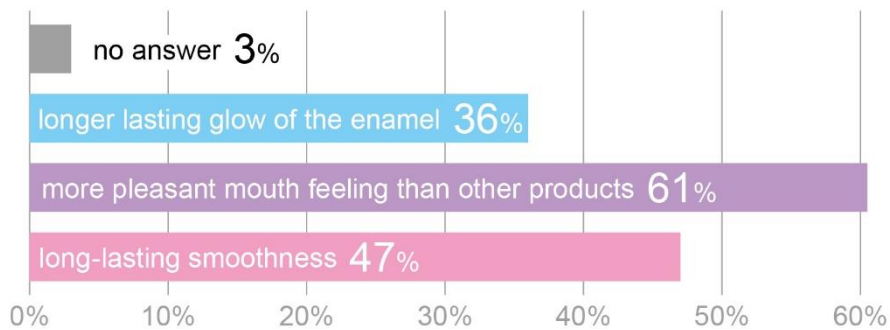


Fig. 6: During the time before the return revisit, did your patient notice any of the following improvements thanks to APAPRO®? (n=38, multiple answers possible)

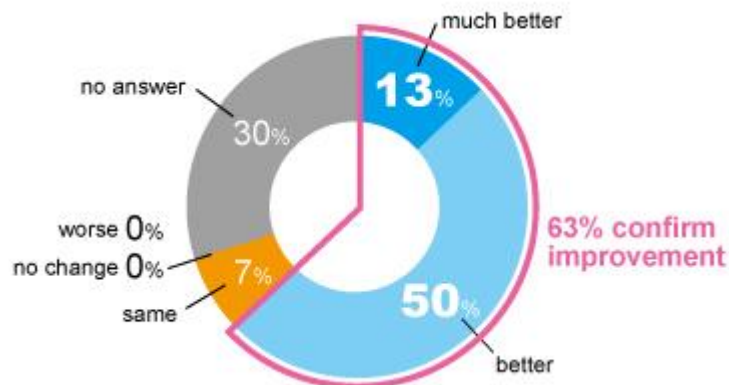


Fig. 7: After bleaching, could your patient confirm less hypersensitive teeth? 63% confirmed improvement after just one application. (n=30)



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