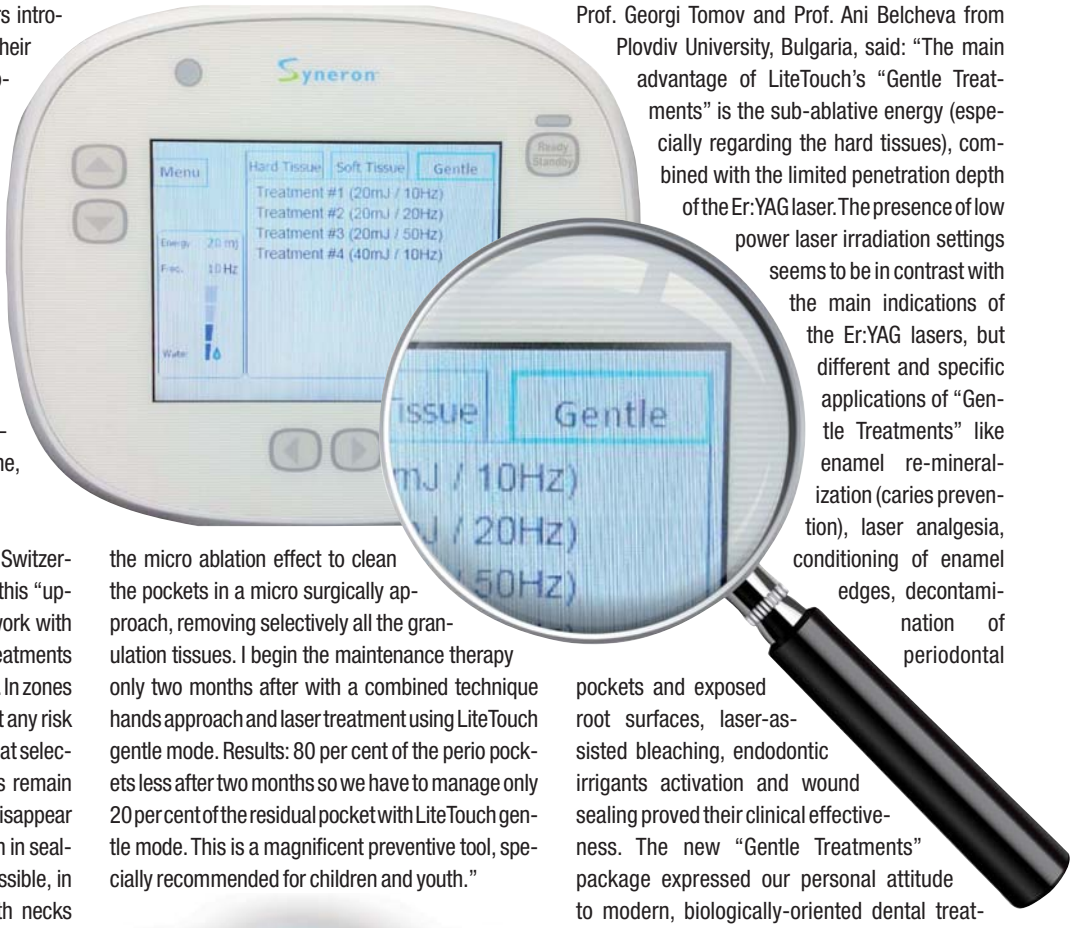
Manufacturer News

Syneron Dental Lasers

New software-upgrade scientifically evaluated

By the end of 2014 Syneron Dental Lasers introduced a software upgrade for LiteTouch™, their Laser-in-Handpiece Er:YAG laser. The upgrade is called "Gentle Treatment – Low Energy Package". Since then, the company is receiving very positive feedbacks from the users and KOLs.

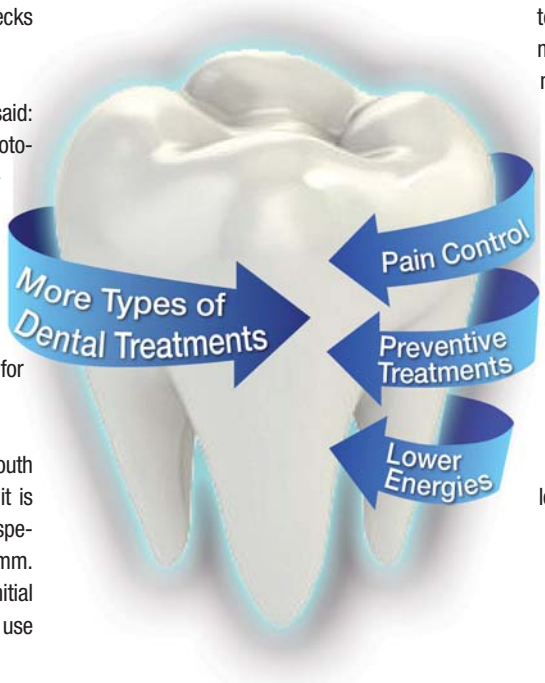
The "Gentle Treatment — Low Energy Package" was well accepted by all its new users. It was scientifically evaluated by three academic teams from: Geneva University in Switzerland, Plovdiv University in Bulgaria and the Hebrew University — Hadassah School of Dental Medicine, Jerusalem, Israel.



Dr Carl Bader from the Geneva University, Switzerland, said: "First of all, I would never give this "upgrade" back. It has many advantages to work with this new "Gentle Mode". Sub-ablative treatments are possible, also very selective treatments. In zones near to the pulp it is possible to treat without any risk to "fall into the pulp". It is possible also to treat selectively areas in enamel, where white spots remain during this conditioning. The white spots disappear and we will have a better result in long term in sealing the composite on enamel. It is also possible, in sub-ablative mode to treat sensitive tooth necks without any pain during the treatment.

Dr Fabrice Baudot a leading KOL from France said: "With the gentle mode we can enhance the Photoacoustic effect of LiteTouch, instead of microsurgery (ablation of inflamed tissue), disturbing biofilm in deep narrow dental lesions on the tooth occlusal side (Enamel). With Gentle treatment mode, there is a significant pain reduction. It is amazing how we can perform pockets maintenance without anaesthesia, and there is no need for antibiotics."

Dr Baudot added: "I managed to perform full mouth periodontal maintenance in only 30 minutes, it is quick and easy, every regular dentist can do it, especially in deep periodontal pockets over than 4 mm. The results are great, in my practice after an initial therapy (with LiteTouch soft tissue mode) where I use the micro ablation effect to clean the pockets in a micro surgically approach, removing selectively all the granulation tissues. I begin the maintenance therapy only two months after with a combined technique hands approach and laser treatment using LiteTouch gentle mode. Results: 80 per cent of the perio pockets less after two months so we have to manage only 20 per cent of the residual pocket with LiteTouch gentle mode. This is a magnificent preventive tool, specially recommended for children and youth."



Prof. Georgi Tomov and Prof. Ani Belcheva from Plovdiv University, Bulgaria, said: "The main advantage of LiteTouch's "Gentle Treatments" is the sub-ablative energy (especially regarding the hard tissues), combined with the limited penetration depth of the Er:YAG laser. The presence of low power laser irradiation settings seems to be in contrast with the main indications of the Er:YAG lasers, but different and specific applications of "Gentle Treatments" like enamel re-mineralization (caries prevention), laser analgesia, conditioning of enamel edges, decontamination of periodontal pockets and exposed root surfaces, laser-assisted bleaching, endodontic irrigants activation and wound sealing proved their clinical effectiveness. The new "Gentle Treatments" package expressed our personal attitude to modern, biologically-oriented dental treatment with respect to both dentist and patient's needs."

LiteTouch "Gentle Treatments" is a technology upgrade and also a new point of view on dental treatments said Claudia Yoel, Marketing and Clinical Projects Manager at Syneron Dental Lasers. "We invite all our LiteTouch international community to adopt this unique new feature allowing more types of dental treatments while enhancing minimally invasiveness and reduced patient discomfort".

For more details, please contact your LiteTouch local distributor.

Syneron Dental Lasers
Tavor Building, Industrial Zone
20692 Yorkneam Illit, Israel

Return address
Deutsche Gesellschaft für Laserzahnheilkunde e.V.
c/o Universitätsklinikum Aachen
Klinik für Zahnerhaltung
Pauwelsstraße 30
52074 Aachen, Germany

Tel.: +49 241 8088164
Fax: +49 241 803388164
Credit institute: Sparkasse Aachen
IBAN: DE56 3905 0000 0042 0339 44
BIC.: AACSDE 33

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Surname: _____

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Approbation: _____

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I apply for membership in the German Association of Laser Dentistry (Deutsche Gesellschaft für Laserzahnheilkunde e.V.)

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