

Laser (in)dispensable in dentistry?



Dr Georg Bach

Have you been following the coverage of dental congresses in the past few weeks? If so, you might have felt just the same positive sensation as I have when I came across the fact that scientific contributions on laser applications in implantology have gained a high rank in the past congress season. By the way, the same holds true for scientific texts on implantology in dental specialist publications.

The growing impact of laser applications on both congresses and scientific literature does indeed pose a snapshot of the current status of laser in dental therapies and might even express a recent trend. This trend, in my view, bears various notable facets:

Many of the numerous implantological congresses and symposia intersecting with laser dentistry have included reports on the application of monochromatic light into their programs. Moreover, whole sessions are dedicated to laser in both implantological and periodontal congresses and symposia. On such occasions, the high value of atraumatic laser incisions with significantly reduced hemorrhage is highlighted, along with the lack of alternatives to laser surface decontamination in the treatment of periimplantitis.

The antibacterial effects of lasers in endodontics and the advantages of laser therapy of oral haemangiomas contribute to the wide range of applications of laser in dentistry.

As you can see, we are provided with a sufficient (and evidence-based) number of opportunities to pursue our passion for monochromatic light in dental therapy. It follows that our résumé be "No (more) dentistry without laser"!

With best regards,

Dr Georg Bach