

Microsurgery and Er-Yag Laser Therapy: Technologies in Synergy for Minimal Invasive Dentistry

Dr Bernard Dahan

In the pursuit of quality of life, several fields in both Medicine and Dentistry have progressed owing to the development of new technologies.

Moreover, physicians and dentists adapt themselves and their practice in order to remain up to date with this new world.

Over 20 years ago, Dr Dennis Shannelec introduced Magnification and the Microscope in Periodontics allowing clinicians to improve skills, achieve better results and reduce trauma in Periodontal Surgery.

Parallely, in the past decade, the introduction of laser therapy and especially the Er-Yag laser, better accuracy in surgical procedures has been achieved.

The ability to adjust the Energy, Frequency, Direction and the Distance of the laser beam, gives the clinician the opportunity to be more elective, to diversify and improve his performance.

The combination of these two technologies, working in synergy and in which the priority is accuracy, enables clinicians to discover new horizons in Minimal Invasive Dentistry.

Short video clips will accompany the Presentation.

Dr Dahan completed his Dental Degree in 1976 at the TOULOUSE University, FRANCE.

In 1978 he obtained his Periodontology License from the University of MARSEILLE, FRANCE.

After his emigration to ISRAEL, Dr Dahan spent a sabbatical year in 1984, in BOSTON (USA), with two of his mentors: Dr G. Kramer and Dr M. Nevins.

Until 1991, he was in charge of the Periodontal Section at the Institute of Dental Advanced Studies in Haifa, Israel.

Dr Dahan established the Moria Periodontal Center in Haifa (1985). The center specializes exclusively in Periodontics and Implantology. Periodontists at the center work as a team, with a clear orientation to Esthetics and close cooperation with several General Dentists, Orthodontists and Prosthodontists in the North of ISRAEL.

Today, Dr Dahan concentrates his activity in Bone Regeneration, Implantology and Microsurgery.

Over and above its clinical activity, the Periodontal Center has also an Academic direction with the publication of its own MPC News Journal, the Moria Study Club where colleagues meet and discuss various cases and recently a Training Center - the Private Academy.

Dr Dahan lectures both in Israel and internationally.

He is a member of:

The Israeli Association of Periodontology and Osseointegration.

The European Federation of Periodontology.

The Association of Microscope Enhanced Dentistry.

The American Academy of Periodontology.