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LASER BENEFITS IN MINIMALLY INVASIVE DENTISTRY APPROACH

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The preservation of healthy human body and function for every patient should be the goal of all health practitioners. Dentistry is not an exception to this philosophy. The loss of human tooth structure should be regarded as a serious injury and never to be considered lightly, therefore it is imperative to provide the most comprehensive and conservative care to all teeth. In the past few decades, the improvements of scientific method and technology has led to a better understanding of oral microflora and dental materials resulted in the shifting of caries management method from G V Black's "Extension for prevention" to the modern "minimally invasive" approach in dentistry. Using the laser technology in the aspect of surgical intervention has many clinical advantages. Some of the clinical benefits include its selectivity for carious tissue, minimizing the need for local anaesthesia, decontamination effect of cavity surfaces, minimal thermal stimulus to pulp chamber, increased surface adhesion for composite materials and other soft tissue applications.

BIOGRAPHY

Natalia Elson graduated from Dnepropetrovsk Medical Institute in 1977. She had a general practice residency in 1977 in Ukraine, 2011 in USA and Oral Maxillofacial Surgery Residency in 1986. She was the active member of Academy of Laser Dentistry.

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