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Use of Drugs and Biomaterials Important to Significantly Improve Overall Quality of Dental Work

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A smile is a very powerful social instrument. A better quality of working life, together with the promotion of employment and entrepreneurship, requests beauty and time savings. Today, patients come to Dental office and expect quick, good quality, long-term smile and absolutely, and always with no pain or other complications during or after the treatment. The successful Dentist is the one to be able to prepare and finish dental procedure; having happy patient at the end! Pharmaceuticals could help a lot, but specific knowledge is needed.

This course is not meant to be an exhaustive compendium of pharmacology. New generations of healthcare professionals must be ready for inter-professional collaboration, as well as to be prepared to treat growing needs of patients for new type of treatments. Technological advances in health care industry every day deliver new pharmaceutical products that dentist can use and serve patients. Today, most presenters of aesthetic dentistry only show their exceptionally good work on teeth and gums while neglecting the complex face and/or lips. Without treating the face, the aesthetic work is incomplete unless the patient on their own sees other doctors. Without treating the face, your good work in the mouth will appear incongruous. Therefore, this course focuses primarily on those drugs and biomaterials used by the Dentist that highly improve results of dental work, boost doctor's endeavor and significantly upgrade reputation of the dental office. These drugs are: 1) Pain killers, 2) Antialergics and antioxidants, 3) Skin and Lips fillers and 4) Bone Grafting Biomaterial. All these drugs and synthetic biomaterials will be listed, reviewed in terms of their clinical indications and applications, particularly choosing clinical requests, explaining mode of work, their clinical advantages and disadvantages comparing to other options, in terms of appropriate usage, adverse side effects and potential interactions.

Biography

Prof. Letic-Gavrilovic Anka, DDS, PhD, during long scientific career collaborated with Royal Postgraduate Medical School, Histochemistry Department, London; Fukuoka Dental College, Department of Biochemistry, Fukuoka, Japan. Now works as Assoc. Prof. of Physiology and Biochemistry at RAK College of Dental Sciences, Dental College, United Arab Emirates. Researching in oral biochemistry, immunology and basic clinical mechanism of dental implantology, Dr Anka expressed particular scientific interest in Biomaterials for bone reconstruction. Most of the work was dedicated to the regulatory role of growth factors in morphogenesis and postnatal development of the immune system and salivary glands. Recently, Dr Anka is very active in field of brain neurophysiology and practical applications. Neuromarketing is an academic approach to better understand how information leads to changes in attention, emotional responses, preference formation, choices and learning. Dr Letic's present interest remains beautiful mystery of brain function. While there is general agreement that attention and emotional engagement of brain, can be tracked, identifying specific emotions with confidence has been elusive. Therefore, data from neuromarketing are still best used when triangulated with more traditional data such as interviews, questionnaires, and historical data.

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