THE MILLENNIUM LASER BOOK TRILOGY - PART ONE

Dear Madam, Dear Sir,

May I present you the new and unique Millennium Laser Book brought to you by 25 most prominent scientists and clinicians from the field of Low Level Laser Therapy (LLLT).

Why should you read it? It is like an encyclopedia about LLLT with basic science achievements and findings, manual of up-to-date clinical applications of LLLT and presentations of different laser devices.

Characteristics of the book reveal a hard cover, 37 chapters, 544 pages, 189 colour photos, 89 tables and many schemes, figures and diagrams. Each author and co-author in the book is also presented by Curriculum vitae and personal photo, therefore you will be more familiar with their background and credibility.

The book has been recommended by the authors of introductory remarks professors Raymond Lanzafame, M.D., Rochester, NY, USA; Anthony D. Ivankovich, M.D., Chicago, IL, USA; Toshio Ohshiro, M.D., Tokyo, Japan; Wilchelm Waidelich, Ph.D., Munchen, Germany; F.M. Meissner, M.D., Stuttgart, Germany.

I truly believe that this book will contribute to the new prospective of LLLT.

Sincerely Yours,
Zlatko Simunovic, MD, FMH
Editor and Coordinating Author

WHY LASER?

The laser as the source of light, has been employed in the medicine for decades. Low Energy-Level Laser Therapy (LLLT) is one aspect of laser application in the medicine and it has been used for its three main effects: biostimulative-regenerative, anti-inflammatory and analgesic effect. This "special" source of light can easily pass through the skin barrier due to optical window of the skin, which selects particular wavelengths of laser light. When reaching target tissue, laser beam causes an improvement in the microcirculation and enhancement of the cellular metabolism, significantly facilitating wound healing, pain relief, functional recovery etc. We know today that LLLT performed as mono therapy or complementary treatment modality, causes significant reduce in health care costs by shortening of patient's recovery time. Its advantages for patients' health state are proved in numerous clinical studies and include minimal risks or harmful side effects, good toleration by any age and sex and painlessness. Laser therapy is an aseptic, and athermal treatment modality. LLLT is employed today in almost every field of medicine, with its growing importance in the immunology, oncology and cardiovascular system diseases.

LLLT is a type of biological therapy because it uses photons, which are already parts of every living cell as coherent biophotons, in order to beat the disease. In the era of growing number of senior population, LLLT is an irreplaceable treatment modality of chronic non-infectious diseases. This book brings you all relevant information regarding basic science and clinical application of LLLT with the participation of Europe's most prominent specialists in that field of medicine

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Science-fiction movies are the proof that laser do belong to the future. Even today it is almost impossible to imagine any sophisticated industry without lasers, unfortunately the war industry, too. So life can be destroyed and preserved, both with use of lasers. As one of the pioneer in that field of medicine with the clinical experience of more than 20 years, I cannot but ask: Quo vadis, Laser? Where are you going, Laser? Where are the limits of laser application in technology and medicine? Whatever the answer will be, I am sure that the use of lasers in search for life and peace will always have priority over that of war and death. We have to face with new challenges for the 21st Century. Studies of the photons as the physiological party of our living cells and the sunlight, which stimulates and revitalizes flora and fauna, encourage the research and the use of LLLT. So let us name the first challenge in medicine for the 21st Century: Laser Light - The Light of Hope!

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Web pages: www.lasermedico.ch
Dear Madam, Dear Sir,

Let me present you the second book from the Millennium Laser Book Edition. The book is dedicated to the application of thermal or surgical lasers in medicine and dentistry, with special chapters covering anaesthetic aspects of laser surgery, dermatology, endoscopy, ophthalmology, photodynamic therapy, radiology & angiology, safety and laser nursing.

Why should you read it? This book resembles an encyclopedia about thermal lasers brought to you by 45 most prominent worldwide - 18 countries - recognized scientists and clinicians.

Characteristics of the book reveal a hard cover, 50 chapters, over 850 pages, more than 400 colour photos, hundreds of tables, diagrams, schemes and figures, which enable the reader to have a better comprehension of the main topics: lasers in surgery and dentistry. Each author is presented at the end of own chapter by brief professional Curriculum vitae and personal photo, thus revealing her/his background and credentials.

The following professors are the authors of introductory remarks, which recommended this spectacular edition: Isaac Kaplan, M.D., Israel; Michael S. Kavic, M.D., USA; Kazuhiko Atsumi, M.D., Japan; Friedrich-Marbod Meissner, M.D., Germany, and Hermann F. Sailer, D.M.D., Switzerland.

I truly believe that this book will contribute to a new perspective of thermal lasers in medicine.

Lasers in the operating room - fashion or necessity?

Laser surgery is a bloodless surgery. Does it mean no blood at all, no transfusions, no infections? The answer is revealed in this book through the presentation of various fields of surgery and dentistry where thermal lasers have been employed, with the chapter on anaesthesiology in laser-assisted surgery. It is for sure that laser surgery significantly reduces operative bleeding and the need for transfusions, as it prevents infections. Laser beam has a capability of cutting, coagulating and vaporizing the tissue, while at the same time it seals small blood vessels. This makes laser surgery almost mandatory to persons suffering from haemophilia, blood-clotting disorders, or even having implanted pacemakers.

Laser can perform a non-contact surgery, while being sterile laser beam strongly reduces the possibility of intra-operative infections. Those characteristics are essentially important nowadays when AIDS and other especially viral lethal illnesses have not been curable yet.

The advantages like diminished post-operative pain and oedema, enhanced wound healing, improved recovery and lack of side effects, contribute to a significant cost-benefit to the patient and health care insurance by reducing the costs of the treatment in terms of reduced stay in the hospital, intake of medications, recovery period, days off the job etc. It all improves the quality of life of the patient and makes surgical procedure more efficient.

The current book aims to prove that the knowledge is the best tool and protection against the illness, with lasers becoming a necessity in the operating room.

Zlatko Simunovic, MD, FMH
Editor and Coordinating Author

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