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The results of 29 years use of low level laser therapy (LLLT) (890 nm) in the treatment of various oncologic diseases: Clinical and experimental investigations

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We became used LLLT for the treatment of cancer diseases since 1988. The experimental studies were conducted in three areas: Study the effect of different doses LLLT on the growth of experimental tumors. Implanted - Walker's carcinosarcoma n256 (from the USA bank)- (26 rats) and cancer of the mammary gland RMK-1 (75 rats). Spontaneous - mice with cancer of mammary glands type B-(188 animals), Evaluation of the effectiveness of use LLLT in combination with various chemotherapeutic agents (vincristin, 5-Fu, cyclophosphan) -Walker's (31 animals), RMK-1 (63 animals) and the effect LLLT on the accumulation of hematoporphyrine derivatives - Walker's (188 animals). Clinical study; breast cancer: Before surgery - 41 patients (II-IIIst). In postoperative period-38 patients (III-IVst). Only LLLT - 57 patients (IVst) Cancer of esophagus- (LLLT) + external radial therapy under the radical program - 20 patients, only LLLT - 15 patients (T3NoMx). Only LLLT - 63 patients (IVst). Cancer of stomach: LLLT before surgery - 112 patients (IVst). Only LLLT- 173 patients (IVst). Cancer

of colon: LLLT before surgery - 61 patients (IVst). Only LLLT - 24 patients (IVst). Cancer of rectum: LLLT before surgery - 44 patients (IVst). Only LLLT - 17 patients (IVst). Patients with other localizations of tumor (IVst) are 139.

Speaker Biography

V A Mikhaylov was born on March 21, 1959 in Uglich, Yaroslavl province, Russia Professional experience: 1976- 1982- has finished the Ryazan medical institute named after I.P. Pavlov. 1982-1983- Emergency Hospital Ryazan medical intern's surgical department 1983-1985 - Regional Hospital of Kozmodemyansk, Mari ASSR -surgical oncologist 1985-1989- Regional Cancer Hospital, Ryazan – surgical oncologist 1989-1987 - State Research Center of Laser Medicine, Moscow, Senior Research Fellow, Department of Surgery of the biliary tract and parenchymal organs, 1994 - is nominated as the conducting scientific employer, Department of Surgery of the esophagus and stomach. 1997 – 2000 - Head of Moscow Scientific-Practical Center of Laser Medicine. 2000 – 2006 -General Director of Scientific medical laser Center, Moscow. Since 2006 - private practices on family medicine in Moscow. 2013- Physician Contract with Eternity Medicine Institute, Dubai.

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