



## Preoperative Risk Factors and Corrective Medication There Of For The Success Of Operations and The Reduction Of Postoperative Complications In Middle-Aged And Senior Patients

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### Abstract:

Preoperative risk factors and corrective medication thereof for the success of operations and the reduction of postoperative complications in middle-aged and senior patients

Since the Sarajevo University Clinical Centre admits patients from the whole of the Bosnia and Herzegovina, it can be said that in the country, just as is the case globally, there is an upward trend in the number of patients subjected to surgical operations of various kinds. This research encompasses patients from 50 to 85 years of age. While old age poses a less operation-related risk, the problem lies in risk factors that rise with age, such as stress, smoking, genetic predisposition and unhealthy lifestyle that lead to certain diseases and conditions such as hypertension, diabetes and heart rhythm disorders. In general, cardiovascular diseases were the most common cause of postoperative complications and even mortality in old age, however, this boundary seems to have moved closer to middle age. The evaluation of senior patients with cardiovascular diseases is hampered by cardiac changes associated with aging, and types of risk factors and atypical appearance of the disease. Premedication is an integral part of the patient's preparation for the surgical procedure. It involves administration of the drug at least 2 hours before the application of anaesthesia. The aim of pharmacological premedication is primarily to reduce the risk by correcting all the parameters to the acceptable physiological boundaries, such as blood pressure, HP; minerals, respiratory parameters, and possibly rhythm and heart rate, followed by. Premedication should not deteriorate the patient's current condition, and the choice of the drug, dose, time, and frequency must be tailored for each particular patient.

### Biography:

I am currently working as a Head of the Internal Medicine Department that serves multiple surgical clinics of



the University Clinical Center "Kosevo" in Sarajevo, Bosnia. In organization hierarchy my Department belongs to the Clinic for Anaesthesiology and Reanimation.

Experienced Internal Medicine with a demonstrated history of working in the medical practice industry. Skilled in Epidemiology, Emergency Medicine, Psychiatry, Healthcare, and Healthcare Management. Strong professional graduated from Medical University of Sarajevo, Bosnia and Herzegovina.

### Publication of speakers:

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2. Szoke E, Shrayyef MZ, Messing S, et al. Effect of aging on glucose homeostasis: accelerated deterioration of beta-cell function in individuals with impaired glucose tolerance. Diabetes Care 2008;31:539-543

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