

THE INFLUENCE OF OBESITY ON THE PAIN INTENSITY DURING POSTOPERATIVE PERIOD IN THE PATIENTS AFTER LUNG CANCER SURGERY

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BACKGROUND. There is increasing number of obese patients with lung cancer suffering from pain after surgery. **AIM.** The aim of the study was to evaluate the influence of obesity on the intensity of pain after surgical treatment of lung cancer. **MATERIAL AND METHODS.** The material of the study consisted of 112 patients who underwent thoracic surgery because of lung cancer, including 50 obese patients with mean body mass index (BMI) of 34.1 ± 3.2 kg/m² and 62 non-obese patients with mean BMI of 24.9 ± 3 kg/m². All the patients received analgesic treatment, accordingly to national guidelines. The intensity of pain was evaluated in visual analogue scale (0-10) and analyzed shortly after (day O) and at the time of discharge home (day D). **RESULTS.** The pain was more severe in obese than in non-obese patients, both at day O (4.5 ± 1.2 vs 3.4 ± 1.1 ; p