

PRELIMINARY RESULTS OF SACROPLASTY SURGERY IN ELDERLY PATIENTS IN CASES OF ACUTE TRAUMATIC FRACTURE OF LATERAL MASS OF THE SACRUM

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Objectives. Traumatic fractures of the sacrum occur in the population in 2.1 cases per 100,000 people, at the same time, their frequency increases dramatically in elderly people, reaching 1-5% in case of trauma. In the Liepāja Regional Hospital, from September 2021 to December 2022, 7 sacroplasty operations were performed on patients with a traumatic fracture of the lateral mass of the sacrum combined with a fracture of the os pubis (referring to AO classification cods 61B). The operation allows early mobilization of such patients, shortening the treatment time.

Materials and Methods. The study includes patients over 50 years of age and trauma no older than 2 weeks. The examination protocol includes a pelvic X-ray, CT scan and functional examinations of the patient.

Results. The patients are seven women aged 61–84 years, average 75 years. Before the operation, the pain intensity according to the pain scale was on average 7.9, after the operation it decreased on the pain scale to an average of 3.9.

Conclusions. Clinical results show that pain after saroplasty decreases and the patient's mobility increases. X-rays of the pelvis often do not show sacrum fractures, so a CT scan should be used to diagnose the fracture.