

## 7. ILIO-SACRAL STABILIZATION- METHOD OF OSTEOSYNTHESIS IN PELVIC FRACTURES

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**Introduction.** Pelvic trauma is one of the most difficult problems in lesion surgery, and its prevalence is 3-7% of the total number of lesions of the musculoskeletal system. Ilio-sacral fixation is performed to restore the integrity of the posttraumatic pelvic ring.

**Aim of study.** In this presentation, we intend to present ilio-sacral stabilization as a treatment method available in severe-unstable pelvic fractures, with the recommendations of various specialists, to evaluate the results of surgical treatment.

**Methods and materials.** We surgically treated and dynamically examined patients hospitalized at the Institute of Emergency Medicine, Chisinau with diagnostically unstable pelvic fractures during the period 2019-2022 operated on by ilio-sacral fixation as the only method of fixation or in combination with other fixations.

**Results.** All patients were verticalized and discharged up to the 7th postoperative day. Septic and neurological complications, both early and late, have not been reported in this type of fixation. Complications such as degradation of osteosynthesis material in the study group were not recorded. Ilio-sacral fixation could be used either as the sole method of fixation or in combination with other pelvic fixations both internal and external. Satisfactory bone block was formed in all patients.

**Conclusion.** 1) Ilio-sacral fixation is a method of internal osteosynthesis recently proposed and used successfully in both pelvic trauma. 2) Ilio-sacral fixation allows a firm stabilization and early mobilization of the patient.