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**Our experience of using fixation apparatus of injuries in patients with spinal cord injury (SCI)**

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**Introduction:**The Issue of treatment of patients with spinal cord injury SCI , despite the progress made in trauma, is still relevant. After conservative treatment of persistent disability are 40% of the victims, which is almost 3 times higher than in the operated patients. Mortality from spinal cord injury SCI is more than 30%.

Treatment of spinal cord injury in patients with multiple injuries should combine the principles of treatment of traumatic shock with early rigid fixation of bone fragments. Currently in the treatment of spinal cord injury SCI received active surgical tactics.

**Purpose**. Improve treatment outcomes in patients with spinal cord injury SCI in case of multiple trauma.

**Materials and methods**. This abstract presents the experience of treating 5 patients on the basis of traumatological department, Kharkiv Municipal Emergency Hospital in period of 2009-2014. We used the external fixation technique in 5 patients with spinal cord injury SCI. For diagnosis were used clinical, radiological and SKT methods.

**Results**. When choosing a treatment spinal cord injury SCI we followed the recommendations of AO, taking into account the type and nature of spinal vertebra injury . At 5 injured external fixations technique was performed as anti-shock event and required subsequent use or a combination of internal fixation in the future, the remaining victims was the final treatment option. The frequency of good and satisfactory results in operated patients was 84.2%.

**Conclusions**. Emergency operative stabilization of spinal cord fixation device is needed as an essential component of therapy and anti-shock method, aiming at a strong fixation of bone fragments, which can be used as the primary stabilizing, and the ultimate way to treat patients with multiple injuries.