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**The posterior approach and DERO
transpedicular stabilization in surgery
of posttraumatic lesions of thoracic and lumbar spine.**

*(Dojście tylne i stabilizacja systemem DERO
w leczeniu operacyjnym urazów rdzenia kręgowego
w odcinkach piersiowym i lędźwiowym)*

Summary: Authors present their own experience in application of DERO system as transpedicular internal stabilization of the thoracic and lumbar spine. Clinical analysis was carried out in a group of 18 patients after vertebral column and spinal trauma managed surgically in Department of Neurosurgery in Poznań between 01.06.95 - 31.12.96. Age of patients was from 18 to 56 years (average age $37,17 \pm 11,99$ yrs). Level of vertebral fracture was as follows: thoracic (7 cases), thoraco -

lumbar (6 cases) and lumbar (5 cases). Five patients were completely paraplegic. All patients underwent posterior surgical approach. After laminectomy and facetectomy fractured parts of bones translocated into vertebral canal were removed and nervous structures were decompressed. DERO system was employed due to vertebral stabilization. Improvement of neurological condition was observed in 15 patients

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