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Report on the scientific and practical conference «Vertebrology at the modern stage», dedicated to the 100th anniversary of his birth academician O. O. Korzh

On 14 April 2024 in the city of Kharkiv at the State Establishment “Professor M. I. Sytenko Institute of Spine and Joint Pathology of the National Academy of Sciences of Ukraine” was held a scientific and practical conference on the topic “Vertebrology at the modern stage”, dedicated to the 100th anniversary of the birth of the outstanding scientist of the 20th century, orthopedic traumatologist academician O. O. Korzh. Oleksiy Oleksandrovych devoted 59 years of his life to the service of orthopedics and traumatology and further development of the Sytenko school of orthopedic traumatologists.

The conference was held in a mixed format (online/offline) with about 200 participants from different regions of Ukraine (Kharkiv, Kyiv, Dnipro, Rivne, Ivano-Frankivsk, Vinnytsia) working in such fields of medicine as orthopedic traumatology, neurosurgery, neuropathology, military medicine.

The agenda covered such issues as combat trauma, congenital and acquired spinal deformities, degenerative, infectious and oncological diseases, as well as modern methods of diagnosis, treatment and rehabilitation of patients with spinal pathology.

The conference was opened by the Head of the Department of Instrumental and Minimally Invasive Spine Surgery of the State Establishment “Professor M. I. Sytenko Institute of Spine and Joint Pathology of the National Academy of Sciences of Ukraine” Doctor of Medical Sciences A. I. Popov, who sincerely greeted all the participants of the conference, noted its timeliness and significance for the further development of vertebrology. Academician G. V. Gaiko greeted the participants, who fondly remembered his teacher, Academician O.O. Korzh, and emphasized his influence on the development of many areas of orthopedics and traumatology in Ukraine. Then the famous Ukrainian vertebrologist Professor M. I. Khvyshuk focused in detail on the history of the evolution of vertebrology in Ukraine and the significant contribution of Academician O. O. Korzh in the develop-

ment of surgical methods of diagnosis and treatment of patients with spine disorders.

The famous scientist, first-generation vertebrologist Professor M. O. Korzh also reported on the achievements of Kharkiv school of vertebrology, highlighted the main stages of the formation and development of the first school of vertebrology in Ukraine, emphasized the importance of theoretical, experimental and clinical research for the development of modern science.

The conference participants were interested in the report of Professor V. O. Tankyut about the academician's life and creative path, which was accompanied by a screening of a film about Oleksiy Oleksandrovich.

Famous experts and young scientists laid flowers to the bas-relief of O. O. Korzh as a sign of deep respect and bright memory.

The first session of the event was devoted to combat trauma and spinal deformities. It began with a report by the Head of the Neurosurgery Clinic of the National Military Medical Clinical Center “Main Military Clinical Hospital”, Lieutenant Colonel of the Medical Service S. I. Bibichenko (Kyiv), in which modern methods of diagnosis and treatment of patients with spine and spinal cord injuries were detailed. Particular attention was paid to the complications and peculiarities of the rehabilitation of these patients.

The reports of scientists from the city of Dnipro Professor A. O. Mezentsev “Treatment technologies for idiopathic scoliosis: a look through the years” and Doctor of Medical Sciences D. E. Petrenko “Proximal transitional kyphosis: prevention and treatment”, and Doctor of Medical Sciences V. O. Kutsenko (Kharkiv) “Principles of choosing optimal treatment tactics and methods of surgical treatment of spondylolisthesis” aroused interest and a lively discussion. Reports of Doctor of Medical Sciences O. O. Barkova (Kharkiv) “The use of spinal navigation and neuro-monitoring during the treatment of complex spinal deformities in children”, in which the author emphasized that research in this direction is unique and promising, because this technique ensures the accuracy and

low trauma of surgical interventions, was informative and engaging. Doctor of Medical Sciences K. O. Popsuyshapka (Kyiv) reported on modern methods of diagnosis and treatment of “hip-spine” syndrome. Also original was the report by Doctor of Medical Sciences K. I. Horbatiuk (Vinnytsia) on financial and economic issues for spinal surgery, economic aspects and financial calculations during the application of various surgical techniques, depending on the form of spinal disorders.

The second meeting was devoted to the problems of degenerative, infectious and oncological diseases of the spine.

The audience was particularly interested in the report of Doctor of Medical Sciences V. K. Piontkovsky (Rivne), highlighting various types of modern endoscopic operations on the lumbar spine and the expediency and prospects of these treatment methods. Neurosurgeon Doctor of Medicine Yu. O. Babalyan (Kharkiv) informed about the diagnosis and treatment of calcified disc herniations of the thoracic spine with neurocompression and myelopathy. He emphasized the importance of timely diagnosis and treatment of this impairment to prevent complications.

Representatives of Kharkiv School of Vertebrology Doctor of Medical Sciences O. V. Perfiliev, Doctor

of Medical Sciences V. A. Shtaude, Doctor of Medical Sciences A. G. Skidanov made presentations regarding the relevance of modern methods of diagnosis, treatment and rehabilitation of patients with degenerative diseases of the spine.

The report of neurosurgeon I. I. Kotskovich from the regional clinical hospital (Ivano-Frankivsk) about infectious lesions of the spine was met with special attention, in which the types of severe infectious complications, modern methods of diagnosis and treatment of this complex disease were described in sufficient detail.

The report of Doctor of Medical Sciences A. I. Popova (Kharkiv) on the current topic of diagnosis of spine neoplasms and the importance of surgical techniques during their complex treatment was also important and interesting.

All reports aroused the interest of the audience, were accompanied by questions and discussion.

Professor M. O. Korzh addressed the participants of the conference with his final speech, sincerely thanked all those present for their active participation and coming to Kharkiv in this difficult and tragic wartime, emphasized the importance and expediency of holding such meetings, and expressed hopes for future meetings.

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