

## Shlykov Igor Leonidovich (60<sup>th</sup> birthday anniversary)



Igor Leonidovich Shlykov, Director of the Ural Chaklin Institute of Traumatology and Orthopaedics, Chief Specialist in Trauma- and Orthopaedics of the Ministry of Health of the Sverdlovsk Region, Doctor of Medical Sciences, Honored Doctor of the Russian Federation, Excellence Healthcare Worker of the Russian Federation, celebrated his 60th birthday on August 14, 2024.

Igor Leonidovich graduated from the medical faculty of the Sverdlovsk State Medical Institute in 1987, and was assigned to the Ural Research Institute of Traumatology and Orthopaedics, where he worked his way up from a junior to a senior researcher.

In 2004, Igor Leonidovich successfully defended his candidate of medical sciences dissertation "Surgical treatment of patients with consequences of pelvic ring injuries". In 2005 he was appointed head of a trauma department. He was the first to organize a trauma department at the Regional Psychoneurological Hospital for War Veterans, which became one of the largest in the Sverdlovsk Region.

In 2008, Igor Leonidovich was appointed director of the Ural Research Institute of Traumatology and Orthopaedics.

In 2010, he defended his doctor of medical sciences dissertation entitled "System of diagnostic measures and complex treatment of patients with pelvic bone fractures".

For his significant contribution to the development of methods for surgical treatment of the pelvis, Igor Leonidovich became a laureate of the High Medical Technologies Foundation (Kurgan) for a series of works entitled "Improving technologies of transosseous osteosynthesis for pelvic injuries and their consequences" in 2010.

With the participation of I.L. Shlykov, new methods of diagnosis and treatment were developed, new devices for surgical interventions in orthopaedic and trauma patients were proposed; high-tech minimally invasive technologies of intramedullary osteosynthesis for fractures of upper and lower extremity bones, pseudoarthrosis, bone deformities, periprosthetic fractures were developed; serial production of intramedullary nails for osteosynthesis of the femur and tibia was organized. Under his leadership, changes in the hemostasis system, optimal medication regimes of blood loss reduction and correction of anemia in arthroplasty of large joints were studied; fundamental research was conducted on the use of hyperbaric oxygenation modes in immobilization osteoporosis, as well as on the creation of bioimplants based on porous nanocoated titanium, which have passed preclinical trials and are ready for registration in the Register of Medical Devices.

To implement new medical technologies and developments, scientific and practical conferences, master classes, demonstration operations, seminars, congresses of trauma- and orthopaedic surgeons of the Urals Federal District were held with the direct participation of Igor Leonidovich. The achievements of the Institute are regularly presented at specialized medical exhibitions.

On the initiative of I.L. Shlykov, the journal *Vestnik of Traumatology and Orthopaedics named after V.D. Chaklin* (2009) was launched, and the Chaklin Readings were organized. Since 2008, I.L. Shlykov is chief traumatologist of the Ministry of Health of the Sverdlovsk Region.

With his participation, the work to improve the organization of providing care to the injured, standards for providing care, national clinical recommendations, and hospitalization algorithms are being developed; assessment parameters are analyzed; methodological basis for the establishment of inter-municipal trauma centers and the preparation of instructional materials has been provided.

Igor Leonidovich is a member of the editorial board of the journal *Traumatology and Orthopaedics of Russia*; he is the author of 12 monographs, 250 scientific papers, and has received 35 patents for inventions.

In 2022, I.L. Shlykov was awarded the title of Honored Doctor of the Russian Federation.

He was also awarded with the Letter of Appreciation from the President of the Russian Federation, the Excellence Healthcare Worker badge, the Certificates of Honor of the Legislative Assembly of the Sverdlovsk Region, the Ministry of Health of the Sverdlovsk Region, the Main Directorate of Internal Affairs of the Sverdlovsk Region, the Head of the Administration of the Leninsky District of Yekaterinburg, and letters of acknowledgment from various ministries and departments. For his significant contribution to the development of traumatology and orthopaedics in the Sverdlovsk Region and the city of Yekaterinburg, he was awarded the V.N. Tatishchev and G.V. De Gennin Prize, and the Certificate of Honor of the Healthcare Committee of the State Duma of the Federal Assembly of the Russian Federation.

*The staff of the Ural Research Institute of Traumatology and Orthopaedics and the editorial board of the journal Genij Ortopedii sincerely wish the jubilee further creative success, health and prosperity.*