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Oleksandr Oleksiyovych Kostrub



Celebrating 75 years since the birthday of the Head of the Department of Sports and Ballet Trauma of the State Establishment Institute of Traumatology and Orthopedics of the National Academy of Medical Sciences of Ukraine, Doctor of Medical Sciences, Professor, physician of the highest qualification category Oleksandr Oleksiyovych Kostrub.

The jubilarian was born on 2 March 1948 in the city of Krasnodar (Russia) in the family of a soldier and a teacher.

After finishing school in the city of Kupyansk, Kharkiv region in 1966, Oleksandr Kostrub entered Saratov Medical Institute, specializing in Pediatrics. In 1972, he began working as a pediatric surgeon at the Vorkuta Children's Hospital in Komi of the former ASSR.

Since 1977, all the practical, creative, scientific and social activities of Oleksandr Oleksiyovych have been connected with the Kyiv Research Institute of Traumatology and Orthopedics of the Ministry of Health of Ukraine (now — State Establishment Institute of Traumatology and Orthopedics of the National Academy of Medical Sciences of Ukraine), where he studied in clinical residency, successively worked as the head of the blood transfusion department, junior, senior, leading researcher.

During 1993–2000, O. O. Kostrub headed the scientific and organizational department of the institute. In January 2000, he was selected by competition as the Head of the Sports and Ballet Trauma Department, where he works to this day.

In 1983, he defended his candidate's thesis on the topic «Congenital malformation of the fibula bone. Diagnosis, presentation, treatment», and in 1992 a doctoral dissertation on the topic «Prevention and treatment of post-traumatic purulent lesions of large joints of the lower extremities. Clinical-experimental research». In 2001, Oleksandr Kostrub was awarded the academic title of Professor in the specialty «Traumatology and Orthopedics».

Oleksandr Oleksiyovych is a highly qualified orthopedist-traumatologist, who perfectly possesses a wide arsenal of modern methods of diagnosis, treatment and rehabilitation of patients with injuries and diseases of the musculoskeletal system.

Every year, Oleksiy Kostrub performs about 250 complex surgical interventions. The main scientific research carried out by O. O. Kostrub is devoted to congenital and acquired diseases of the lower leg in children and adolescents, transosseous osteosynthesis with external fixation devices, treatment of post-traumatic arthritis, the use of antibiotics immobilized on sorbents, modern minimally invasive arthroscopic interventions on the knee, hip, and ankle joints, endoprosthesis, use of stem cells and PRP therapy in traumatology and orthopedics. These works were widely recognized not only in Ukraine, but also far beyond its borders.

The main priority areas of scientific work of the Sports and Ballet Trauma Clinic are the development of new technologies for the treatment of articular cartilage and tendons.

Also, the Clinic conducts scientific developments in the prevention and treatment of post-traumatic osteoarthritis of the knee joint in athletes. New methods of treatment and surgical interventions are being developed to restore lost joint function. All methods, for the most part, are based on the use of low-traumatic (arthroscopic) manipulations, which allow healthcare practitioners to adequately eliminate the cause of the disease and restore the affected joint

in the shortest possible time due to the absence of additional trauma to healthy tissues.

The Clinic performs the entire range of surgical interventions using the most modern techniques used in traumatology and orthopedics. Every year, more than 1,000 patients with severe injuries and diseases of the musculoskeletal system (fractures, dislocations, ruptures of tendons and muscles, traumatic intra-articular injuries, degenerative joint diseases) are operated on.

O. O. Kostrub is the author of 600 scientific works, including 10 monographs, 11 methodological recommendations, 20 author's certificates, 21 rationalizing proposals. The professor pays great attention to the training of highly qualified scientific personnel, 8 candidate's and 4 doctoral theses were completed and defended under his supervision.

Public activity is a significant place in the life of Oleksandr Oleksiyovych, the general secretary of the All-Ukrainian Public Organization «Ukrainian Association of Orthopedic Traumatologists» (1997–2019), President of the Ukrainian Association of Sports Traumatology, Knee Surgery and Arthroscopy (since 2012), member of the presidium ISAKOS and ESSKA (World and European Association of Sports Injury of the Knee and Arthroscopy), executive secretary of the journal «Bulletin of Orthopedics, Traumatology and Prosthetics», member of the edito-

rial board of the journal «Orthopaedics, Traumatology and Prosthetics», member of the specialized scientific council for the defense of candidate and doctoral theses at the Institute Traumatology and Orthopedics, member of the American Academy of Orthopedic Surgeons (AAOS), member of the European Association of Orthopedic Surgeons. State awards: Order «For Merit» II degree (2022), «For Merit» III degree (2019). Besides he has been awarded an honorary title «Honored Doctor of Ukraine» (2007).

From 24 February 2022 to today, 1,400 patients have been treated at the Sports and Ballet Trauma Clinic; almost 80 % of them are combatants, military personnel of the Armed Forces of Ukraine.

Oleksandr Kostrub is an extremely multifaceted personality. In 1972, he was awarded the title «Master of Sports of the USSR in Water Tourism». He took part in sports trips and expeditions along the rivers of the Caucasus, the Kola Peninsula, Altai, in the Tien-Shan mountains, in the Carpathians, in the Pamirs, in Yakutia, Karelia, Khakassia, etc.

Among his many likes and dislikes is traveling through the unknown worlds of other countries and cultures (more than 67 countries of the world).

Oleksandr Oleksiyovych's life credo is: «Life is wonderful, because you can travel as well», and his professional credo is «A surgeon must think with his head, and then do with his hands».

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All-Ukrainian Public Organization «Ukrainian Association of Orthopedists-Traumatologists»
Editorial board of the journal «Orthopaedics, Traumatology And Prosthetics»*