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Report on the All-Ukrainian scientific and practical conference «Actual issues of modern traumatology and orthopedics», which took place on May 17, 2024 in the Zaporizhia

On 17 May 2024, the All-Ukrainian scientific and practical conference “Current issues of modern traumatology and orthopedics” was held in the city of Zaporizhia, with the assistance of the Ukrainian Association of Orthopedics-Traumatologists, Zaporizhia State Medical and Pharmaceutical University, and the PSE “Zaporizhia Regional Association of Orthopedics-Traumatologists”. The event brought together leading specialists from different cities of Ukraine who work in the field of traumatology and orthopedics. The participants had the opportunity to present their scientific research, discuss new methods of treatment and rehabilitation, and also share practical cases from their own medical practice.

A special feature of the conference was its mixed format, which allowed participants to gather in person and conduct an online broadcast in real time. This approach ensured maximum accessibility for all those wishing to participate in the event, regardless of their location. Thanks to this, more than 400 specialists from all regions of Ukraine had the opportunity to participate in current issues of modern traumatology and orthopedics. In particular, 90 participants were able to personally attend the conference, which contributed to live communication and exchange of expe-

riences. The online format allowed for the integration of the latest technologies to ensure high-quality broadcasting, interactive question-and-answer sessions, and opportunities for speakers and participants to actively interact throughout the event. The conference participants were greeted by the head of the Department of Traumatology and Orthopedics of ZSMPU, Doctor of Medicine, Professor M. L. Holovakha (Fig. 1). More than 250 viewers joined during the broadcast, with a maximum number of simultaneous connections of 49 listeners and an average of 41 regular viewers. The possibility to save video allows doctors to rewatch the recording of the broadcast, if under certain circumstances they could not join the broadcast, accordingly, the number of views during the first week was 460 (Fig. 2). This format also created conditions for a wider audience, including young professionals, who were able to gain invaluable experience and knowledge from leading industry experts.

During the conference, great attention was paid to compliance with security requirements, which is especially important in the current situation in Ukraine. It should be noted that, fortunately, the “air raid” signal did not interrupt the conference, which allowed the participants to focus on discussing topical issues of traumatology and orthopedics without any obstacles.

The conference was opened by the president of the Association of Orthopedic Traumatologists of Ukraine, corresponding member of the National Academy of Medical Sciences of Ukraine, Professor S.S. Strafun with a report on the problematic issues of treatment of elbow joint injuries.

Delegates from the State Establishment “Professor M. I. Sytenko Institute of Spine and Joint Pathology of the National Academy of Sciences of Ukraine” (Kharkiv) headed by acting Head of the Institute, Doctor of Medical Sciences S. E. Bondarenko (Fig. 3), spoke about the primary cement endoprosthesis of the hip joint, as well as about the endoprosthesis of the knee joint with and without the preservation of the cruciate ligament. Head of the Department



Fig. 1. Welcoming speech of the head of the Department of Traumatology and Orthopedics of ZSMPU, Doctor of Medicine, Professor M. L. Holovakha



Fig. 2. Link to the recording of the conference broadcast



Fig. 3. Report of the acting Head of the SE “Professor M. I. Sytenko Institute of Spine and Joint Pathology of the NAMS of Ukraine”, Doctor of Medicine S. Ye. Bondarenko

of Joint Pathology, Professor V.A. Filipenko emphasized the importance of additional medical support after arthroscopic interventions on the knee joint in military personnel in compliance with the requirements of evidence-based medicine.

Consideration of the problems and methods of treatment of osteoporosis after long-term immobilization was highlighted in her report by Professor N. V. Grigorieva (Fig. 4) from the D.F. Chebotaryov Institute of Gerontology of the National Academy of Sciences of Ukraine (Kyiv).

P. V. Nikitin, president of JSC Trauma Ukraine, leading traumatologist of the Main Military Medical Clinical Center of the State Border Service of Ukraine (Kyiv), introduced new approaches to the treatment of combat injuries, which is currently of undeniable



Fig. 4. Report of the Professor, Doctor of Medicine N. V. Grigorieva

relevance, in a report on the features of treatment of combat injuries of the lower extremities.

Professor Yu. Yu. Kobelyatsky from Dnipro State Medical University (Dnipro) presented evidence-based principles of multimodal analgesia after orthopedic and trauma operations.

D.S. Myalkovskii from Zaporizhia Military Hospital (Zaporizhia) shared his practical experience after analyzing the results of treatment of gunshot injuries to main vessels.

Professor M. L. Holovakha presented the features of diagnosis and treatment of injuries of the posterior-lateral corner of the knee joint.

Concluding the conference, the participants emphasized the importance of a multidisciplinary approach to solving modern problems of traumatology and orthopedics. Integrating knowledge and experience from different medical fields, such as surgery, military medicine and rehabilitation, allows for increased treatment efficiency and improved patient outcomes. The joint work of specialists from various fields contributes to the development of new methods, optimization of existing protocols, and the introduction of innovative technologies into medical practice. A multidisciplinary approach provides complex and comprehensive treatment of patients, which is a key factor in overcoming modern challenges in traumatology and orthopedics.

The conference once again confirmed the importance of collective efforts in the development of traumatology and orthopedics, and outlined the prospects for further scientific research and cooperation.

Prof. Holovakha M. L.