



БАҒДАРЛАМА

мерейтойлық халықаралық ғылыми-практикалық конференция
«ПЭНАРАЛЫҚ ТРАВМАТОЛОГИЯ ЖӘНЕ ОРТОПЕДИЯ: ДИАГНОСТИКАДАН ОҢАЛТУҒА ДЕЙІН»,
Қазақстан Республикасы Тәуелсіздігінің 35 жылдығына және Қазақстан Республикасы Денсаулық сақтау министрлігі «Академик Н. Ж. Батпенov атындағы Ұлттық ғылыми травматология және ортопедия орталығы» ШЖҚ РМК-ның 25 жылдығына арналған

ПРОГРАММА

международной юбилейной научно-практической конференции
«МЕЖДИСЦИПЛИНАРНАЯ ТРАВМАТОЛОГИЯ И ОРТОПЕДИЯ: ОТ ДИАГНОСТИКИ К РЕАБИЛИТАЦИИ»,
посвящённой 35-летию Независимости Республики Казахстан и 25-летию РГП на ПХВ «Национального научного центра травматологии и ортопедии имени академика Батпенova Н. Д.» Министерства здравоохранения Республики Казахстан

PROGRAM

of the International Scientific and Practical Conference
«INTERDISCIPLINARY TRAUMATOLOGY AND ORTHOPEDICS: FROM DIAGNOSIS TO REHABILITATION»,
dedicated to the 35th Anniversary of the Independence of the Republic of Kazakhstan and the 25th Anniversary of
«National Scientific Center for Traumatology and Orthopedics named after Academician N. D. Batpenov» of
Healthcare Ministry of the Republic of Kazakhstan

10-11.09.2026

**Астана/Astana
2026**



PROGRAM

of the International Scientific and Practical Conference

«INTERDISCIPLINARY TRAUMATOLOGY AND ORTHOPAEDICS: FROM DIAGNOSIS TO REHABILITATION»,

dedicated to the 35th Anniversary of the Independence of the Republic of Kazakhstan

and the 25th Anniversary of National Scientific Center for Traumatology and Orthopaedics named after

Academician N. D. Batpenov

of Healthcare Ministry of the Republic of Kazakhstan

September 9, 2026

September 9, 2026

Surgeons' show cases

National Scientific
Center for
Traumatology and
Orthopaedics named
after Academician
N.D. Batpenov
Astana,
15A Abylai Khan
Avenue

LIVE SURGERY NO. 1

Prof. Dr. Ulunay Kanatlı (Ankara, Türkiye)

Arthroscopic Shoulder Reconstruction for Chronic Rotator Cuff Tears and Glenohumeral Instability with Bone Loss

LIVE SURGERY NO. 2

Prof. Dr. Akif Mukhtar Öztürk (Ankara, Türkiye)

Vascularized fibula or medial femoral condyle bone transfer for suitable patients

LIVE SURGERY NO. 3

Prof. Dr. Akif Mukhtar Öztürk (Ankara, Türkiye)

Nerve repair or nerve transfers for upper extremity

LIVE SURGERY NO. 4

Assoc. Prof. Alim Can Baymurat (Ankara, Türkiye)

Surgical Treatment of Lumbar Intervertebral Disc Herniation Using Unilateral Biportal Endoscopic (UBE) Technique

Master class with

Surgeons' show cases

LIVE SURGERY NO. 5

Dr.med.sc., Prof. S.V. Vissarionov (St. Petersburg, Russia)

Surgical Treatment of Congenital Spinal Deformity in Children

September 10, 2026

September 10, 2026

14.00-14.45

Astana, Nazarbayev
University, Turan Avenue
64, block C2, Ball Room
Right 4

SATELLITE SYMPOSIUM

Robot-Assisted Knee Arthroplasty: Technological Capabilities and Practical Demonstration of the MISSO System

Dr. Aditya Krishna (Amalapuram, India)

15.00-15.45

Astana, Nazarbayev
University, Turan Avenue
64, block C2, Ball Room
Right 4

SATELLITE SYMPOSIUM

Revision Knee Arthroplasty: Solving Complex Challenges with the PCK Freedom System

Dr. Jagadeesh Nallamothu (Vijayawada, India)

September 11, 2026

September 11, 2026

09.00-11.00

Astana, Nazarbayev
University, Turan Avenue
64, block C2, Ball Room
Right 1

JOINT SESSION OF THE KAZAKHSTAN ASSOCIATION OF TRAUMATOLOGISTS AND ORTHOPAEDISTS (KATO) AND THE ASIA PACIFIC ORTHOPAEDIC ASSOCIATION (APOA)

1. PhD **A. BATPEN** (Astana, Kazakhstan)

2. Prof. DR. **ÖNDER AYDINGÖZ** (Istanbul, Türkiye)

3. Cand med.sc. **O. BEKARISSOV** (Astana, Kazakhstan)

PROGRAM

of the International Scientific and Practical Conference «INTERDISCIPLINARY TRAUMATOLOGY AND ORTHOPAEDICS: FROM DIAGNOSIS TO REHABILITATION»,

dedicated to the 35th Anniversary of the Independence of the Republic of Kazakhstan
and the 25th Anniversary of National Scientific Center for Traumatology and Orthopaedics named after
Academician N. D. Batpenov
of Healthcare Ministry of the Republic of Kazakhstan

VENUE: Astana, Nazarbayev University, Turan Avenue 64, block C

08.00 – 09.00 Registration of conference participants

09.00 – 11.00 Conference opening ceremony

O. S. BEKARISOV

Director of «National Scientific Center of Traumatology and Orthopedics named after Academician N.D. Batpenov» of Healthcare Ministry of the Republic of Kazakhstan

A. SH. ALNAZAROVA

Healthcare Minister of the Republic of Kazakhstan

A. N. BATPEN

President of the Kazakhstan Association of Traumatologists and Orthopedists

Presentations by Heads of Leading Specialized Research Centers in Traumatology and Orthopaedics from Near and Far Abroad

Presentations by Representatives of the Astana City Healthcare Authorities

Presentations by Heads of Leading Higher Education and Research Institutions

Presentations by Veterans of the NSCTO

September 10, 2026

PLENARY SESSION

September 10, 2026

11:00-13:10

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Main Hall»

PRESIDIUM:

Cand.med.sc. **O. S. Bekarissov** (Astana)

Prof. **R. M. Tikhilov** (Saint Petersburg)

Cand.med.sc. **A. V. Ovsyankin** (Smolensk)

Prof. Dr. **Önder Aydingöz** (Istanbul)

Dr.med.sc. **S. V. Vissarionov** (Saint Petersburg)

Dr.med.sc. **M. E. Irismetov** (Tashkent)

Cand.med.sc. **A. A. Korytkin** (Novosibirsk)

Prof. **S. A. Dzhumabekov** (Bishkek)

Prof. **S. Kh. Kurbanov** (Dushanbe)

Prof. **Bo Lai Chen** (Guangzhou)

SCHEDULE OF SPEECHES:

- at plenary sessions – 15 minutes.

- in breakout sessions – 10 min.

- in the competition of young scientists – 7 min.

- in debates and for answering questions – 3 minutes

11:00-11:10

The Current State of Trauma and Orthopedic Care for the Population of the Republic of Kazakhstan

O.S. Bekarissov
(Astana)

11:10-11:20

30 Years of Collaboration between Traumatologists from Kazakhstan and Germany

Ewald Haering
(Minden)

September 10, 2026**September 10, 2026**

11:20-11:30 (online)	The Contribution of Traumatology and Orthopaedics to Promoting Healthy and Active Ageing	A.G. Nazarenko (Moscow)
11:30-11:40	The Place of Traumatology and Orthopedics in the Modern Medical Reality and Development Prospects	R.M. Tikhilov (St. Petersburg)
11:40-11:50 (online)	Data-Driven Healthcare: Innovation and Patient Safety	Rob Nelissen (Leiden)
11:50-12:00	Orthopaedic and Traumatology Training in the APOA Region	Önder Aydıngöz (Istanbul)
12:00-12:10	Innovative Technologies for the Treatment of Children with Musculoskeletal Disorders	S.V. Vissarionov (St. Petersburg)
12:10-12:20	Clinical and Organizational Results of Robot-Assisted Large Joint Replacement Surgery: The Experience of the Federal Center	A.V. Ovsyankin (Smolensk)
12:20-12:30	Cementless Modular Endoprosthetic Reconstruction for Tumors of the Bones and Major Joints of the Lower Extremity	S.A. Dzhumabekov, A.N. Abdynazarov (Bishkek)
12:30-12:40	Current Advances in Full-Endoscopic Anterior Cervical Spine Surgery: Chinese Exploration and Experience	BoLai Chen (Guangzhou)
12:40-12:50	Traumatology and Orthopedics in Russia Today	N.V. Zagorodniy (Moscow)
12:50-13:00	Modern Technological Solutions and Trends in Robot-Assisted Joint Arthroplasty	A.A. Korytkin (Novosibirsk)
13:00-13:10	Surgical Treatment of Patellar Chondromalaci	M.E. Irismetov (Tashkent)
13:10-14:00 ☕	COFFEE BREAK	

Breakout session No. 1**14:00-15:00****«BONE ONCOLOGY AND TUMOR DISEASES»**

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 1»

MODERATORS:**G. A. SEKİBAYEV**

Cand.med.sc., Head of Center for Tumors of Bones, Soft Tissues and Skin named after A.K. Kosaev (Almaty)

S. V. ZARETSKY

Cand.med.sc., Head of the Oncology Neurosurgery Department, Vertebrology Unit, Republican Scientific and Practical Center for Oncology and Medical Radiology named after A. A. Alexandrov (Minsk)

14:00-14:20 (Lecture)	A Modern Approach to the Treatment of Malignant Spinal Tumors	S.V. Zaretsky, V.I. Dudich, A.I. Gontsov, O. A. Kravets, I.I. Popkov (Minsk)
14:20-14:30	A Contemporary Approach to the Diagnosis of Tumors and Tumor-Like Lesions of the Hand Arising from Synovial Structures	I.G. Chulovskaya, K.A. Yegiazaryan, M.V. Lyadova, M.A. Skvortsova (Moscow)

September 10, 2026**September 10, 2026**

14:30-14:40	A Multidisciplinary Approach to the Differential Diagnosis of Osteblastomas	M.T. Mohammadi (Minsk)
14:40-14:50	Advances in Minimally Invasive Treatment of Benign Tumors of Long Bones	A.Z. Ergashev (Tashkent)
14:50-15:00	Oncological Awareness in Pathological Fractures: Diagnostic Algorithms for Bone Tumors	A.M. Elekbayev, G.A. Serikbayev, Zh.U. Pysanova, A.K. Kurmanaliyev, L.B. Otarov (Almaty)

Breakout session No 2**15:00-16:30 «RECONSTRUCTIVE ORTHOPEDICS AND MODERN TISSUE RESTORATION TECHNOLOGIES»**

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 1»

MODERATORS:**ÖNDER AYDINGÖZ**

Prof. Dr. President of the Asia Pacific Orthopaedic Association (APOA), Head of the Department of Orthopaedics and Traumatology at Istanbul University-Cerrahpaşa (Istanbul)

B. E. TULEUBAEV

Dr.med.sc., Head of Surgical Diseases Department in Karaganda Medical University; Head of the Trauma Center, Multidisciplinary Hospital named after Professor Kh.Zh. Makazhanov (Karaganda)

R. S. BOTAYEV

Cand.med.sc., Trauma and Orthopaedic Surgeon, Traumatology Department No. 4, National Scientific Center for Traumatology and Orthopedics named after N.D. Batpenov (Astana)

15:00-15:10	Modern Techniques in Reconstructive Orthopaedic Surgery: Methods for Reconstruction of Extensive Limb Defects	R.S. Botaev (Astana)
15:10-15:20	Long term results of Hammock Suspensionplasty combined with Ligament Reconstruction Through Bone Tunnels with APL Graft for Thumb CMC Joint Arthritis	Akif Muhtar Öztürk (Ankara)
15:20-15:30	Development of a Local Bone Bank: From Concept to a National Bioresources System	M.G. Arutyunyan (Karaganda)
15:30-15:40	Reconstruction of Proximal Humeral Defects Using 3D Augments in Reverse Shoulder Arthroplasty: Early Results	K.G. Yakovlev (Moscow)
15:40-15:50	Morphological Aspects of the Use of Allogeneic Connective Tissue Materials for Tendon Reconstruction	I.Yu. Nemaltsev, I.F. Akhtyamov, R.I. Enkeev (Ufa, Kazan)
15:50-16:00	Can Multilevel Bone Lengthening Provide Rapid Limb Lengthening?	Xia Yimaierdan Maimaiti, Aihemaitijiang Yusufu (Urumqi)
16:00-16:10	Comparing the performance of robot-assisted super-microvascular anastomosis in the junior and senior surgeons: a randomized in vivo preclinical trial	Qingtang Zhu (Guangzhou)

September 10, 2026

16:10-16:20	Application of Microsurgical Reconstruction in Clinical Practice	Adil Abdikerim (Astana)
16:20-16:30	Reconstruction of Post-Osteomyelitis Bone Defects of the Forearm Using Modified Fibular Autotransplantation	Sh. Davirov (Tashkent)

REPUBLICAN CENTER FOR JOINT ARTHROPLASTY

(Head – Cand.med.sc. A.A. Belokobylov)

Breakout session No 3**14:00-19:00****«ARTHROPLASTY OF LARGE JOINTS»**

Astana, Nazarbayev University, Turan Avenue 64, block C2, hall «Main hall»

«HIP ARTHROPLASTY: FROM PRIMARY SURGERY TO COMPLEX REVISION PROCEDURES»**MODERATORS:****R. M. TIKHILOV**

Dr.med.sc., Prof., Corresponding Member of the Russian Academy of Sciences, Director of National Medical Research Center for Traumatology and Orthopedics named after R.R. Vreden, Ministry of Healthcare of the Russian Federation (St. Petersburg)

A. A. BELOKOBLOV

Cand.med.sc., Head of Orthopedics Department; Head of the Republican Center for Joint Arthroplasty, National Scientific Center of Traumatology and Orthopedics named after N.D. Batpenov (Astana)

EWALD HAERING

Prof., Senior Physician, Department of Trauma Surgery, Orthopedics and Occupational Injuries, University Hospital Bochum (Minden)

14:00-14:20 (Lecture)	Minimally Invasive Rettinger Approach	H. Roettinger (Munich)
14:20-14:30	Arthroplasty: Improving Quality of Life	A.A. Turekulova (Almaty)
14:30-14:40	Total Hip Arthroplasty Using a Short Cemented Stem	Johannes Zaihen (Minden)
14:40-14:50	Complex Forms of Hip Arthroplasty	Ewald Haering (Minden)
14:50-15:00	Aspects of Total Hip Arthroplasty in Patients with Post-Traumatic Acetabular Deformities	A.A. Grin (Kurgan)
15:00-15:10	Does the Contact Area Between Patient-Specific 3D Acetabular Implants and Bone Affect Functional Outcomes in Patients with Massive Bone Defects Following Revision Surgery?	V.Yu. Murylev, A.V. Muzychenkov, A.I. Rudnev, P.M. Elizarov, S.S. Alekseev, G.A. Kukovenko (Moscow)
15:10-15:20	CT-Guided Automated Robotic Systems: The «Gold Standard» in Robot-Assisted Total Knee Arthroplasty	Aditya Krishna Mootha (Amalapuram)
15:20-15:30	Saving Techniques in Revision Total Hip Arthroplasty	Berk Güçlü (Ankara)
15:30-15:40	Implantation of Acetabular Components in Primary Total Hip Replacement	Saeed Ullah Khan (Swat)
15:40-15:50	Changes in Low Back Pain in Patients after Total Hip Arthroplasty	T.A. Khankhodzhaev (Moscow)
15:50-16:00	Long-Term Outcomes of the Developed Fixation Technique for Subtrochanteric Shortening Osteotomy in Patients with Crowe Type III–IV Developmental Hip Dysplasia	K.D. Ashimov, B.T. Suleimenov, A.I. Beknazarov, E.K. Agabekov, D.G. Oktyabrova (Astana)

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16:00-16:10	Surgical Strategy for Hip Arthroplasty in Patients with Hip Ankylosis: A Literature Review and Clinical Case of Staged Treatment in a Patient with the Rhizomelic Form of Ankylosing Spondylitis	E.N. Novik, A.A. Belokobylov, V.D. Serikbayev, K.A. Petrovsky (Astana)
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«TOTAL KNEE ARTHROPLASTY: TECHNOLOGIES, OUTCOMES, AND CAUSES OF FAILURE»

MODERATORS:

S. A. DZHUMABEKOV

Dr.med.sc., Prof., Academician of the National Academy of Sciences of the Kyrgyz Republic and Academician of the Russian Academy of Sciences (Bishkek)

K. D. ASHIMOV

Cand.med.sc., Head of Orthopedics Department; National Scientific Center for Traumatology and Orthopedics named after N.D. Batpenov (Astana)

M. P. ZINOVYEV

Cand.med.sc., Trauma and Orthopaedic Surgeon, Federal Center for Traumatology, Orthopedics and Arthroplasty (Smolensk)

V. YU. MURYLEV

Dr.med.sc., Prof., Senior Researcher, Head of Department, Moscow Multidisciplinary Scientific and Clinical Center named after S.P. Botkin; Professor of Department of Traumatology, Orthopedics and Disaster Surgery, First Moscow State Medical University named after I.M. Sechenov, Ministry of Healthcare of the Russian Federation (Moscow)

16:10-16:20	Clinical Assessment of Patient Satisfaction After Total Knee Arthroplasty	M.Yu. Karimov, S.B. Madrahimov, J.Sh. Kayumov (Tashkent)
16:20-16:30	Biomechanical Correction of Lower Limb Alignment in Varus Deformity: An Alternative to Early Joint Replacement	S.A. Dzhumabekov, Zh.Z. Shambetov (Bishkek)
16:30-16:40	Is Restoration of the Joint Line Always Possible in Revision Total Knee Arthroplasty?	V.Yu. Murylev, A.V. Muzychenkov, A.I. Rudnev, P.M. Elizarov, S.S. Alekseev, G.A. Kukovenko (Moscow)
16:40-16:50	Patellar Tracking and Anterior Knee Pain After Total Knee Arthroplasty: Analysis of 75 Cases	S.B. Madrahimov, J.Sh. Kayumov, M.Yu. Karimov (Tashkent)
16:50-17:00	Analysis of a Navigation-Assisted Total Knee Arthroplasty Database	S.S. Alekseev (Moscow)
17:00-17:10	Dealing with bone defect in Primary Knee Arthroplasty	Saeed Ullah Khan (Swat)
17:10-17:20	Remote-Controlled Technologies in Total Knee Arthroplasty	B.S. Dosmailov, E.N. Nabiev, E.M. Abilda (Almaty)

«ROBOTIC TECHNOLOGIES IN TOTAL HIP AND KNEE ARTHROPLASTY»

MODERATORS:

S. A. DZHUMABEKOV

Dr.med.sc., Prof., Academician of the National Academy of Sciences of the Kyrgyz Republic and Academician of the Russian Academy of Sciences (Bishkek)

K. D. ASHIMOV

Cand.med.sc., Head of Orthopedics Department; National Scientific Center for Traumatology and Orthopedics named after N.D. Batpenov (Astana)

MODERATORS:**M. P. ZINOVYEV**

Cand.med.sc., Trauma and Orthopaedic Surgeon, Federal Center for Traumatology, Orthopedics and Arthroplasty (Smolensk)

V. YU. MURYLEV

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17:20-17:30	Optimization of Soft-Tissue Balance and Bone Resection in Deforming Knee Osteoarthritis Using Robotic Surgery	M.P. Zinovyev (Smolensk)
17:30-17:40	Robot-Assisted Total Hip Arthroplasty for Crowe Type IV Adult Developmental Dysplasia of the Hip: Chinese Experience and Clinical Application.	Habaxi Kaken (Urumqi)
17:40-17:50	Efficacy and Safety of Bilateral Total Knee Arthroplasty Using the Stryker Mako Robotic System: Analysis of 42 Cases	K.M. Orazaliev (Almaty)
17:50-18:00	Outcomes of Robot-Assisted Arthroplasty of Major Joints	B.S. Dosmailov, S.A. Amraev, N.T. Turbekov, Zh. Maidanbek (Almaty)
18:00-18:10	Minimally Invasive Robotic Total Hip Arthroplasty Through the Direct Anterior Approach: Possibilities and Advantages	P.S. Semichenkov (Smolensk)
18:10-18:20	Robotic Technologies in Major Joint Arthroplasty: From Planning to Clinical Outcomes	T.T. Baidalin (Astana)
18:20-18:30	Experience with Robotic-Assisted Technology in Total Knee Arthroplasty	E.N. Usin (Astana)
18:30-18:40	Robot-Assisted Arthroplasty of Major Joints: Clinical Experience and Development Prospects in Uzbekistan	O.E. Valiev (Tashkent)
18:40-18:50	Discussion	

REPUBLICAN CENTER FOR ARTHROSCOPY AND SPORTS INJURIES
(Head: Cand.med.sc. Y.K. Raimagambetov)

September 10, 2026

Breakout session No 4
«ARTHROSCOPY»

September 10, 2026

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Left 1»

14:00-18:30

«SHOULDER SURGERY»

MODERATORS:**ULUNAY KANATLI**

Prof. Dr. Department of Orthopedics and Traumatology, Faculty of Medicine, Gazi University; Member of the ARADER Board (Ankara)

D. A. NAIDA

Cand.med.sc., Head of the Department of Biological and Surgical Reconstruction of Large Joints, N.N. Burdenko Main Military Clinical Hospital (Moscow)

14:00-14:10	Massive Irreparable Rotator Cuff Tear	Mustafa Özer (Konya)
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14:10-14:20	Bursal-Side Partial-Thickness Rotator Cuff Tears	Baran Sarıkaya (Ankara)
14:20-14:30	Repair of Massive Rotator Cuff Tears with Long Head of the Biceps (LHB) Augmentation + Long Head of the Biceps Tenodesis Options	K. Udris (Riga)
14:30-14:40	My Challenges During the First Arthroscopic Transfer of the Latissimus Dorsi and Teres Major for Massive Irreparable Rotator Cuff Tears	K. Udris (Riga)
14:40-14:50	Shoulder Instability: My Choice of Surgical Technique	D. Naida (Moscow)
14:50-15:00	Extensive Glenoid Labral Tears	Ulunay Kanatlı (Ankara)
15:00-15:10	Discussion	

«ANKLE SURGERY»

Moderators:

BARAN SARIKAYA

Prof. Dr. Orthopedic and Traumatology Specialist, University of Health Sciences (Ankara),
President of the Arthroscopy Research Association (ARADER)

E. V. BOYAR

Orthopedic Traumatologist, Member of the Russian Association of Foot and Ankle Surgeons (Yekaterinburg)

15:10-15:20	Chronic Ankle Instability: Recovery and Reconstruction	Ulunay Kanatli (Ankara)
15:20-15:30	Chronic Medial Ankle Instability	Ahmet Yıldırım (Konya)
15:30-15:40	Treatment of Ankle Instability	E. Boyar (Yekaterinburg)
15:40-15:50	Arthroscopic Versus Open Ankle Arthrodesis	Mehmet Ali Tokgöz (Ankara)
15:50-16:00	Discussion	

«KNEE SURGERY»

MODERATORS:

MUSTAFA ÖZER

Prof. Dr. Professor of Orthopedics and Traumatology Department, Necmettin Erbakan University (Konya),
Member ARADER

Y. K. RAIMAGAMBETOV

Cand.med.sc., Head of Republican Center for Arthroscopy and Sports Trauma in National Scientific Center for Traumatology and Orthopedics named after N.D. Batpenov (Astana)

16:00-16:10	Anterior Cruciate Ligament (ACL) Reconstruction with Extra-Articular Procedures	Yılmaz Ergişi (İstanbul)
16:10-16:20	Meniscal Root Repair Combined with High Tibial Osteotomy	Resül Bircan (Ankara)
16:20-16:30	Early Postoperative Outcomes Following Single-Bundle Anterior Cruciate Ligament Re-Insertion	D.G. Anorboev (Tashkent)
16:30-16:40	Ramp Lesions of the Knee Meniscus	Y.K. Raimagambetov (Astana)
16:40-16:50	Meniscal Reconstruction Using a Hamstring Autograft Combined with Autologous Conditioned Plasma (ACP)	A.B. Mirzaev (Tashkent)

16:50-17:00	Evolution of Anterior Cruciate Ligament Reconstruction: My Surgical Experience	B.E. Balbossynov (Astana)
17:00-17:20	Discussion	

«GENERAL ARTHROSCOPY»

MODERATORS:

AHMET YILDIRIM

Prof. Dr. Associate Professor at the Department of Orthopedics and Traumatology, Karabyuk University;
Member ARADER (Konya)

A. U. ABDURAZAKOV

Dr.med.sc., Professor, Orthopedic Traumatologist, Kazakhstan Medical University «Kazakhstan School of Public Health»
(Almaty)

17:20-17:30	Multidisciplinary Approach and Expert Decision-Making in Shoulder Pathology: «Frozen Shoulder»—A Modern Perspective on Etiology and Treatment	A.R. Baizakov (Almaty)
17:30-17:40	Experience with Arthroscopic Shoulder Stabilization in Children	U.A. Abdurazakov, A.U. Abdurazakov (Almaty)
17:40-17:50	Use of Autologous Adipose-Derived Stromal Vascular Fraction in Grade II–IV Knee and Hip Osteoarthritis: Experience of Outpatient Treatment in 73 Patients	A.P. Rudenko (Karaganda)
17:50-18:00	Improving the Diagnosis of Rotator Cuff Injuries	M.A. Mamatkarimov (Tashkent)
18:00-18:10	Discoid Meniscus: Current Issues in Diagnosis and Surgical Treatment	M.N. Juraev (Tashkent)
18:10-18:20	Outcomes of Surgical Treatment of Medial Meniscal Root Tears	G.V. Ni (Tashkent)
18:20-18:30	Discussion	

REPUBLICAN SPINE SURGERY CENTER (Head – Cand.med.sc. S.S. Abdaliev)

Breakout Session No 5

14:00-18:30

«CURRENT ISSUES IN VERTEBROLOGY»

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Left 2»

MODERATORS:

BO LAI CHEN

Prof. Director of the Center for Minimally Invasive Spinal Surgery, Chairman of the Spinal Endoscopy Professional
Committee of the Chinese Medical Doctor Association (Guangzhou)

M. V. MIKHAILOVSKY

Dr.med.sc. Professor, Chief Researcher at Novosibirsk Research Institute of Traumatology and Orthopedics named
after Ya.L. Tsivyan, Professor of the Department of Traumatology and Orthopedics, Novosibirsk State Medical University
(Novosibirsk)

V. V. RERIKH

Dr.med.sc. Associate Professor, Leading Researcher, Novosibirsk Scientific Research Institute of Traumatology and
Orthopedics named after Ya.L. Tsivyan; Professor of the Department of Traumatology and Orthopedics, Novosibirsk State
Medical University (Novosibirsk)

S. S. ABDALIEV

Cand.med.sc., Head of the Republican Center for Spinal Surgery, National Scientific Center of Traumatology and
Orthopedics named after N.D. Batpenov (Astana)

September 10, 2026**September 10, 2026**

14:00-14:10	Cervicothoracic Vertebroplasties in the Surgical Treatment of Ankylosed Spine Deformities	V.V. Rerikh, V.D. Sinyavin, M.V. Muradov (Novosibirsk)
14:10-14:20	Scoliosis and Congenital Heart Defects	M.V. Mikhailovsky (Novosibirsk)
14:20-14:30	Import-Substitution Technologies in Spinal Surgery in Belarus	S.V. Makarevich, A.N. Mazurenko, S.V. Zaretsky, D.K. Tesakov, A.V. Babkin (Minsk)
14:30-14:40	Revision Surgery in Patients After Microsurgical and Endoscopic Lumbar Discectomy	S.K. Makirov (Moscow)
14:40-14:50	Osseointegration of Mesh Titanium Implants in Thoracic and Lumbar Spine Surgery	A.N. Mazurenko, M.A. Gerasimenko (Minsk)
14:50-15:00	Correction of Congenital Scoliosis Using Additive Technologies	S.Zh. Serikov, S.S. Abdaliev (Astana)
15:00-15:10	Surgical Treatment of Severe Spinal Deformities («Folding Knife» Deformities)	Yu Wang (Beijing)
15:10-15:20	Combined Spinal Anomalies Associated with Spinal Cord Tethering: Can Surgical Management Be Standardized?	S.O. Ryabykh, A.V. Gubin, D.A. Savin, A.A. Kalashnikov (St. Petersburg)
15:20-15:30	Surgical Correction of Idiopathic Scoliosis: Focus on Restoring Shoulder Balance	D.T. Baitov (Astana)
15:30-15:40	Advances in Cervical Endoscopic Minimally Invasive Surgery (10 years of experience in China)	Guoyi Su (Guangzhou)
15:40-15:50	Possibilities for Restoring Sagittal Parameters in the Correction of Idiopathic Scoliosis	A.R. Syundyukov, P.N. Korniyakov, E.P. Komarov (Cheboksary)
15:50-16:00	Endoscopic Microdiscectomy for the Surgical Treatment of Cervical Disc Herniation	Sh.Sh. Shatursunov, F.R. Makhmatov, S.A. Mirzakhonov (Tashkent)
16:00-16:10	An exploration of the AE (Anyportal & Freeportal endoscopy) endoscopic system. Practical application of Anyportal-EndoPLIF.	Shaxika Nazirhan (Guangzhou)
16:10-16:20	Screw Malposition in the Correction of Spinal Deformities	O.G. Prudnikova (Kurgan)
16:20-16:30	Retrospective Comparison of Anterior and Posterior Approaches in the Surgical Treatment of Thoracic and Lumbar Spine Injuries	G.T. Davletgaleev, D.M. Davydov, A.N. Balabutkin, K.A. Samokhin (Orenburg)
16:30-16:40	Surgical treatment in neuromuscular scoliosis	Aliekber Yapar (Antalya)

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16:40-16:50	Prediction of the Risk of Developing Coronal Imbalance During Correction of Adult Spinal Deformities	A.Ya. Aleynik, A.P. Sayfullin, I.S. Brattsev, A.E. Bokov (Nizhny Novgorod)
16:50-17:00	Current Aspects of the Surgical Treatment of Infectious and Inflammatory Spinal Diseases	M.Yu. Goncharov (Yekaterinburg)
17:00-17:10	Comprehensive Approach to Preoperative Preparation of Patients Undergoing Spinal Surgery	Ya.V. Zueva (Kurgan)
17:10-17:20	Clinical Outcomes of Endoscopic Discectomy in Patients with Lumbar Radiculopath	M. Abdikalikov (Astana)
17:20-17:30	Comparative Analysis of Surgical Outcomes in Patients with Spinal Deformities Using Intraoperative CT Navigation	M.S. Strebkova (Kurgan)
17:30-17:40	Postoperative Mechanical Instability of Spinal Deformity Correction Implants	A.Yu. Shcherbina (Astana)
17:40-17:50	Technical Feasibility, Safety, and Preliminary Clinical Outcomes of Radiofrequency Ablation of the Superior Cluneal Nerve Using a Transverse Process Approach: A Pilot Study	T.S. Anashev, T.M. Shokanov (Astana)
17:50-18:00	Treatment of primary and metastatic lesions of the spinal column	O.B. Otarov, A.M. Elekbaev, G.A. Serikbaev, Zh.U. Pysanova, A.K. Kurmanvliev (Almaty)
18:00-18:10	Personalized Surgical Strategy for the Treatment of Congenital Kyphoscoliosis in Children	D.Zh. Yestay (Astana)
18:10-18:20	Domestic Trabecular Cage in Biologically Enhanced Lumbar Spinal Fusion	D.N. Ipmagambetov (Astana)
18:20-18:30	Discussion	

Breakout Session No 6**14:00-18:10****«SELECTED ISSUES IN ORTHOPEDICS AND TRAUMATOLOGY FOR CHILDREN»**

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 2»

MODERATORS:**S. V. VISSARIONOV**

Dr.med.sc. Prof., Director of the National Medical Research Center for Pediatric Traumatology and Orthopedics named after G.I. Turner (St. Petersburg)

S. O. RYABYKH

Dr.med.sc. Prof., Head of the Department of Traumatology and Orthopedics, Veltischev Research and Clinical Institute for Pediatrics and Pediatric Surgery (Moscow)

A. A. CHIKINAEV

Cand.med.sc., Head of Orthopedics Department; City Clinical Hospital No. 2 (Astana)

14:00-14:10	Congenital pseudarthrosis of Tibia in children, from classics to cross union	M. M. Bari (Dhaka)
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14:10-14:20	Minimally Invasive Correction of Spinal Deformity Using a Multi-Anchor System in a 12-Year-Old Child with Noonan Syndrome and Thrombocytopathy	S.O. Ryabykh, S.A. Gorchakov, A.A. Kalashnikov, A.L. Kanter (Moscow)
14:20-14:30	Graf and DDH 45 Years Later: Where Are We Now? Is the OX-DB-GRAF Method Truly New or Just an Evolution?	Davor Bojić (Zagreb)
14:30-14:40	Our Experience with Hip Reconstruction in Children with Orthopedic Pathologies	A.A. Chikinaev (Astana)
14:40-14:50	Guided Growth in Pediatric Orthopedics: Possibilities and Limitations of Temporary Growth Plate Modulation (Clinical Experience in the Correction of Axial Deformities and Lower Limb Length Discrepancy)	B. A. Dosanov (Astana)
14:50-15:00	Multistage Rehabilitation of Patients with Short Stature and Limb Deformities	A.M. Abdulloev (Kurgan)
15:00-15:10	Cleft Hand anomaly: A review of functional & aesthetic aspects from patients & doctor perspective	Ihsan Ullah Khan (Peshawar)
15:10-15:20	Conservative Treatment of Pectus Excavatum: Clinical Experience	A.B. Kazbekov (Astana)
15:20-15:30	Optimization of the Treatment of Distal Tibial Fractures in Children	N.Yu. Serova (Moscow)
15:30-15:40	Scoliosis Treatment Using BSPTS Corrective Exercises (Barcelona Scoliosis Physical Therapy School)	B.Zh. Sarzhanov (Astana)
15:40-15:50	Reconstructive and Plastic Surgery Using 3D Technology for Chest Wall Deformities in Children	B.A. Nagymanov, M.O. Tegisbayev, A.T. Turekhanov, U.Zh. Zhaipan (Astana)
15:50-16:00	Treatment Outcomes in Children with Post-Traumatic Elbow Contractures	Sh.N. Eranov (Samarkand)
16:00-16:10	Concept of Anterior Cruciate Ligament Injury Management in Children and Adolescents	A.R. Syundyukov, E.P. Komarov, P.N. Korniyakov, S.A. Aleksandrov (Cheboksary)
16:10-16:20	Innovative Approaches to Exocorrection of the Musculoskeletal System in Children with Neuromuscular Disorders, Including 3D Scanning and 3D Printing	I.V. Akizhanova (Almaty)
16:20-16:30	Treatment of Post-Traumatic Osteomyelitis in Children and Adolescents: Experience of a Trauma Department	B.O. Mamakhan, A.A. Duysenbaev (Astana)
16:30-16:40	ZANE — Zagreb Accessory Navicular Excision: A Novel, Anatomically-Driven Technique for Accessory Navicular Bone Surgery	Davor Bojić (Zagreb)
16:40-16:50	Chronic Elbow Injuries in Children: Our Treatment Experience	Sh.M. Mukasheva (Karaganda)
16:50-17:00	Brace Treatment for Adolescent Idiopathic Scoliosis: When to Start and How to Stop	Alim Can Baymurat (Ankara)
17:00-17:10	The Ilizarov Method in the Treatment of Post-Osteomyelitis Tibial Defects in Children: A Clinical Analysis	Sh. Davirov (Tashkent)

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17:10-17:20	Treatment of Burn Sequelae in Children: Approaches and Management Strategies	T.K. Igimbaev, Sh.M. Mukasheva (Karaganda)
17:20-17:30	Orthopedic Manifestations of Apert Syndrome in Children and Their Surgical Correction	S.M. Bigash (Astana)
17:30-17:40	Selective Embolization for an Aneurysmal Bone Cyst of the Ilium in a Child: A Case Report	M.T. Kaliyeva (Astana)
17:40-17:50	Personalized Correction of Positional Cranial Deformities in Children Using Custom Cranial Orthoses Based on 3D Modeling	A.M. Atepileva (Astana)
17:50-18:00	Foot Deformities in Pediatric Orthopedic Practice: Continuity Between Outpatient and Inpatient Treatment	V.A. Trofimchuk, B.A. Dzhumabekov, R.Yu. Sokolov, A.A. Dosanova (Astana)
18:00-18:10	Discussion	

Breakout Session No 7

«PHYSICAL MEDICINE AND REHABILITATION: CONTEMPORARY CHALLENGES, TECHNOLOGIES, AND PROSPECTS»

11:00-18:10

Astana, Nazarbayev University, 64 Turan Ave., Block C3, «Red Hall»

MODERATORS:

N. I. SHEVELEVA

Dr.med.sc., Professor Neurology, Psychiatry and Rehabilitation Department, Karaganda Medical University (Karaganda)

JUNG TAE DU

PhD, Professor, Kyungpook National University Hospital (Daegu)

FILIZ CAN

Prof. Dr., MSc, PhD Full Professor Faculty of Physical Therapy and Rehabilitation, Hacettepe University, President of the Turkish Association of Orthopedic Physiotherapy,President of the Turkish Association of Geriatric Physiotherapy (Ankara)

E. U. RAKHMANOV

MD, MSc, PhD, Co-Director of the Sports Medicine and Rehabilitation Program, Nazarbayev University (Astana)

G. A. ZHANASPAYEVA

Cand.med.sc., Head of the Department of Rehabilitation, National Scientific Center for Traumatology and Orthopedics named after N.D. Batpenov; Chief Rehabilitation Specialist of the Ministry of Healthcare of the Republic of Kazakhstan (Astana)

11:00-11:05	OPENING OF THE SESSION. WELCOME SPEECH	N.I. Sheveleva (Karaganda) Jung Tae Du (Daegu)
11:05-11:25	General Concept of Rehabilitation with Traumatology and Orthopedics	Jung Tae Du (Daegu)
11:25-11:45	Current Challenges in Medical Rehabilitation	N.I. Sheveleva (Karaganda)
11:45-12:05	Monitoring Personalized Rehabilitation Using Wearable Technologies	E.U. Rakhmanov (Astana)
12:05-12:25	Evidence-Based Physical Medicine and Rehabilitation for Hip Joint Diseases and Injuries	G.A. Zhanaspaeva (Astana)

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12:25-12:45	Rehabilitation of early onset knee osteoarthritis: Current concepts	Filiz Can (Ankara)
12:45-13:05	From Patients to Data, from Data to Clinical Decisions: Development and Validation of a New Questionnaire for Assessing Lower Limb Function	L.S. Minbayeva (Astana)
13:05-13:25	Rehabilitation After Massive Rotator Cuff Repair, Including Tendon Transfers	İnci Hazal Ayas (Düzce)
13:25-13:45	Rehabilitation After Severe Polytrauma	Muhammad Nadim (Ust-Kamenogorsk)
13:45-14:05	Medical Rehabilitation of Patients with Post-COVID Avascular Necrosis of the Femoral Head	I.S. Negmatov (Samarkand)
14:05-14:30	 COFFEE BREAK	

**«FROM NEUROPLASTICITY TO DIGITAL TECHNOLOGIES:
MODERN POSSIBILITIES IN MEDICAL REHABILITATION»**

14:30-14:50	Approach to the Treatment and Rehabilitation of Multiple Sclerosis, Amyotrophic Lateral Sclerosis, and Syringomyelia	Z.F. Akhmedova (Samarkand)
14:50-15:10	The Stance Phase as the Key to Gait Recovery: Integration of R-Gait, R-Force, FES, and Exoskeleton Technology	E.G. Varushkin (Astana)
15:10-15:30	The Role of Modern Technologies in the Rehabilitation of Patients with Central Nervous System Disorders	T.V. Bazueva (Moscow)
15:30-15:50	Eye-Tracking Technology in Neurorehabilitation: From Assessment of Consciousness to Restoration of Communication	A.B. Tyulebayeva (Almaty)
15:50-16:10	Neuroplasticity in Post-Stroke Rehabilitation: Opportunities for Pharmacological Support on the way to Recovery	A.B. Seydanova (Astana)
16:10-16:25	The Effect of Active-Assisted Movements on Functional Recovery: A Comparative Study with CPM Therapy	S.T. Mukiev (Astana)
16:25-16:40	D-WALL Digital Mirror: How Digital Motion Analysis Is Transforming Rehabilitation Standards	E.O. Cheshnevskaya (Astana)
16:40-17:10	From Images to Outcomes: AI and Robotics Across the Orthopaedic Care Pathway – Experience from a Joint Center Collaboration	Prashant Jamwal (Astana)
17:10-17:20	Nuclear Magnetic Resonance Therapy as Part of the Comprehensive Treatment of Proximal Humeral Fractures	I.V. Kitaev, M.A. Malygina, K.A. Rozhkov (Moscow)
17:20-18:10	Discussion and Q&A Closing Remarks and Conclusion of the Session	

Breakout session No 8
«MODERN TRAUMATOLOGY AND ORTHOPEDICS INTERDISCIPLINARY APPROACHES AND
OSTEOSYNTHESIS TECHNOLOGIES»

Astana, Nazarbayev University, 64 Turan Avenue, Block C2, «Ballroom Left 3»

14:00-18:00 «INTERDISCIPLINARY APPROACHES IN MODERN TRAUMATOLOGY
AND ORTHOPEDICS»

MODERATORS:

A. M. MIROMANOV

Dr.med.sc., Head of the Department of Traumatology and Orthopedics, Chita State Medical Academy; Chairman of the Scientific and Practical Society of Traumatologists and Orthopedists of the Far Eastern Federal District (Chita)

Y. N. NABIEV

Dr.med.sc., Professor, Department of Traumatology and Orthopedics, S.D. Asfendiyarov Kazakh National Medical University (Almaty)

14:00-14:10	Modern Approaches to the Diagnosis and Prevention of Musculoskeletal Disorders	A.M. Miromanov (Chita)
14:10-14:20	The Role of the Trauma Surgeon in Polytrauma Management	M.M. Makhambetchin (Astana)
14:20-14:30	Low-Energy Fractures in Combined Trauma: Causes and Consequences	K.K. Karimov (Dushanbe)
14:30-14:40	The Role of Remote Ischemic Preconditioning in the Prevention of Cardiocerebral Complications in Geriatric Patients in Traumatology and Orthopedics: Interim Results of a Randomized Controlled Trial	Sh.B. Shayakhanov (Astana)
14:40-14:50	Trauma Patterns and Modernization of Damage Control at a Multidisciplinary Regional Hospital in Kokshetau	B.R. Tagirov (Kokshetau)
14:50-15:00	Treatment Outcomes of Knee Osteoarthritis Using an Advanced Radiofrequency Ablation Technique	T.S. Anashev, E.N. Shaukhin (Astana)
15:00-15:10	Study of the Effect of Paraosseous Administration of Etidronate in Combination with Lanthanide Ions and Calcium on Bone Tissue Regeneration	R.I. Sadykov, I.F. Akhtyamov, D.A. Korobeynikova, F.V. Shakirova (Kazan)
15:10-15:20	Pain Patterns in Osteoarthritis and the Possibilities for Pain Management	E.A. Shomina (Moscow)
15:20-15:30	Hemophilia in Orthopedic Surgery: Challenges and Clinical Practice	Mieralimu Muerzhati (Urumqi)
15:30-15:40	Prevention and Treatment of Fat Embolism in Long-Bone Fractures	D.U. Israilov (Bishkek)
15:40-15:50	Osseointegration in Limb Amputations: Initial Experience with Technology Implementation in Kazakhstan and Prospects for Development in the CIS Countries	A.Yu. Zhumabekov (Astana)
15:50-16:00	Prevention of Fat Embolism Syndrome During Intramedullary Osteosynthesis of Femoral Shaft Fractures in Patients with Polytrauma	Y.N. Nabiev, S.S. Alkhodzhaev, N.T. Turbekov, K.B. Baikubesov (Almaty)

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16:00-16:10	Computer-Assisted Diagnostics and Individualized 3D Orthotic Treatment for Biomechanical Monitoring of Patients After Minimally Invasive Non-Fixation Osteotomy of the Lesser Metatarsals	E.S. Muratbek (Almaty)
16:10-16:30	Discussion	

«MODERN OSTEOSYNTHESIS TECHNOLOGIES FOR PELVIC AND ACETABULAR INJURIES»**MODERATORS:****A. A. GRIN**

Dr.med.sc., Head of the Clinic of Reconstructive Surgery of the Limbs and Pelvis; Associate Professor, Department of Traumatology, Orthopedics and Related Disciplines, National Medical Research Center of Traumatology and Orthopedics named after G.A. Ilizarov, Ministry of Healthcare of the Russian Federation; Chief Freelance Trauma and Orthopaedic Specialist of the Kurgan Region (Kurgan)

N. K. MURSALOV

Cand.med.sc., Head of the Department of Traumatology, National Scientific Center of Traumatology and Orthopedics named after N.D. Batpenov (Astana)

16:30-16:40	Minimally Invasive Osteosynthesis in Pelvic Surgery: Current Possibilities	A.A. Grin (Kurgan)
16:40-16:50	Selection of Surgical Approach for the Treatment of Patients with Both-Column Acetabular Fractures	A.A. Grin (Kurgan)
16:50-17:00	Pelvic Fractures: Surgical Strategy and Modern Treatment Methods	A.S. Rustamov (Khujand)
17:00-17:10	Osteosynthesis of Sacral Fractures and Sacroiliac Joint Fracture-Dislocations Using Cannulated Screws	N.K. Mursalov (Astana)
17:10-17:20	Our Experience in the Treatment of Acetabular Fractures in Polytrauma	Y.N. Nabiev, B.S. Dosmailov, N.T. Turbekov, K.M. Tezekbaev (Almaty)
17:20-17:30	Use of Minimally Invasive Osteosynthesis for Pelvic Fractures	M.T. Abilmazhinov (Astana)
17:30-17:40	Optimization of Surgical Treatment of Pelvic Bone Injuries in Combined Trauma	A.M. Naimov (Dushanbe)
17:40-17:50	Discussion	

SEPTEMBER 11, 2026**10:00-15:00****PLENARY SESSION**

Astana, Nazarbayev University, Turan Avenue 64, block C2, hall «Main hall»

September 11, 2026**PRESIDIUM:****September 11, 2026****O. S BEKARISSOV**

Cand.med.sc., MBA, Director of National Scientific Center for Traumatology and Orthopedics named after Academician N.D. Batpenov of Healthcare Ministry of the Republic of Kazakhstan (Astana)

S. KH. KURBANOV

Dr.med.sc. Prof., Chief Trauma and Orthopaedic Specialist of the Ministry of Healthcare and Social Protection of the Population of the Republic of Tajikistan; Professor, Department of Traumatology, Orthopedics and Military Field Surgery, Avicenna Tajik State Medical University (Dushanbe)

S. V. VISSARIONOV

Dr.med.sc. Prof., Director of the National Medical Research Center for Pediatric Traumatology and Orthopedics named after G.I. Turner (St. Petersburg)

September 11, 2026

September 11, 2026

E. T. ZHUNUSOV

Dr.med.sc. Prof., General Director of the International Scientific Center for Traumatology and Orthopedics (Almaty)

Y. N. NABIEV

Professor, Department of Traumatology and Orthopedics, S.D. Asfendiyarov Kazakh National Medical University (Almaty)

10:00-10:15	Implementation of New Technologies in Traumatology and Orthopedics in the Republic of Tajikistan	S.Kh. Kurbanov (Dushanbe)
10:15-10:30	Treatment Algorithm for Carpometacarpal (CMC) Joint Osteoarthritis	Hayati Durmaz (Istanbul)
10:30-10:45	Modern Approaches to the Treatment of Bisphosphonate-Associated Fractures	Nevres Hürriyet Aydoğan (Muğla)
10:45-11:00	Controlled Hip Dislocation and «Trapdoor» Procedure for Femoral Head Osteonecrosis on Advanced Stages Compared to Vascularized Fibula and Core de Compression	Akif Muhtar Öztürk (Ankara)
11:00-11:15	Traumatology and Orthopedics in Kazakhstan: Global Challenges and a New Development Strategy	E.T. Zhunusov (Almaty)
11:15-11:30	Historical Aspects of Transpedicular Spinal Fixation	S.V. Makarevich (Minsk)
11:30-11:45	Experience with Revision Total Hip Arthroplasty Using Monoblock Stems	Dr. Jagadeesh Nallamothu (Vijayawada)
11:45-12:00	Biomechanical Modification Alters the Prognosis of Femoral Head Osteonecrosis Treatment	Fang Bin (Guangzhou)
12:00-12:15	Treatment of Chronic Osteomyelitis of Long Bones in the Setting of Soft-Tissue Deficiency	S.Ya. Schmidt (Karaganda)
12:15-12:30	Surgical Approaches in Pelvic Fractures	Muhammed Furkan Tosun (Ankara)
12:30-12:45	Femoral head osteonecrosis: Pay attention to first pain	He Wei (Guangzhou)
12:45-13:00	Double - Triple arthrodesis in rigid foot deformities	Mehmet Ali Tokgöz (Ankara)
13:00-13:15	Development of Orthogeriatric Nursing in Turkey	Hayriye Ünlü (Ankara)
13:15-13:30	The Invisible Aspects of Medical Errors	M.M. Makhambetchin (Astana)
13:30-13:45	The «BelCD» Spinal System for the Surgical Correction of Spinal Deformities	D.K. Tesakov, M.A. Gerasimenko, K. Krivorot, A. Babkin, A. Amelchenya, P. Amelchenya (Minsk)
13:45-14:00	The Ilizarov Apparatus in Kyrgyzstan: History, Current State, and Future Prospects	B.D. Isakov (Bishkek)
14:00-14:15	Grant Funding as a Driver of Development in Traumatology and Orthopedics: Experience of Karaganda Medical University	A.A. Koshanova (Karaganda)

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14:15-14:30	Corrective Tibial Osteotomy for Varus Deformity of the Leg Using an External Fixation Device	M.T. Abilmazhinov (Astana)
14:30-14:45	Ankle Arthrodesis	B.S. Dosmailov, M.O. Zhumagulov, G.K. Bazarkulov (Almaty)
14:45-15:00	Conference Closing «BATPENOV READINGS» Competition Awards Ceremony Award Ceremony Certificate Presentation	

MEETING OF ASIA-PACIFIC ORTHOPEDIC ASSOCIATION AND KAZAKHSTAN ASSOCIATION OF TRAUMATOLOGISTS AND ORTHOPEDISTS

09:00-11:00 Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 1»

MODERATORS:

ÖNDER AYDINGÖZ

Prof. Dr. President of the Asia Pacific Orthopaedic Association (APOA), Head of the Department of Orthopaedics and Traumatology at Istanbul University-Cerrahpaşa (Istanbul)

O. S. BEKARISOV

Cand.med.sc. MBA, Director of National Scientific Center for Traumatology and Orthopedics named after Academician N.D. Batpenov of Healthcare Ministry of the Republic of Kazakhstan (Astana)

A. N. BATPEN

PhD, MBA, President of the Kazakhstan Association of Traumatologists and Orthopedists (Astana)

09:00-09:15	Strategic Leadership and Coordination in the Development of the Kazakhstan Association of Traumatologists and Orthopaedists	A.N. Batpen (Astana)
09:15-09:30	Osteoporotic Fractures: A Global Burden	Önder Aydingöz (Istanbul)
09:30-09:45	Fixation Principles in Orthogeriatric Fractures	Jamal Ashraf (Lucknow)
09:45-10:00	Spinal Fixation in Osteoporotic Bone	Önder Aydingöz (Istanbul)
10:00-10:15	Treatment of Distal Radius Metaphyseal Fractures in Elderly Patients	B.S. Dosmailov, N.A. Latypov (Almaty)
10:15-10:30	Paradigm Shifts in the Treatment of Ankle Osteoarthritis	E.-D.T. Kurmangaliyev (Karaganda)
10:30-10:45	Periprosthetic Femoral Fractures around the TKR: The New Epidemic	Jamal Ashraf (Lucknow)
10:45-11:00	Signing Ceremony of the Memorandum of Cooperation and Presentation of the APOA Protocol	

REPUBLICAN CENTER FOR JOINT ARTHROPLASTY
(Head — Cand.med.sc. A.A. Belokobylov)

Breakout session No 1

11:00-14:20 «COMPLICATIONS AND PERIPROSTHETIC JOINT INFECTION»
Astana, Nazarbayev University, 64 Turan Avenue, Block C2, «Ballroom Right 1»

MODERATORS:

A. V. OVSYANKIN

Cand.med.sc., Chief Physician of the Federal Center for Traumatology, Orthopedics and Arthroplasty; Head of the Department of Traumatology and Orthopedics with Military Field Surgery, Smolensk State Medical University, Ministry of Healthcare of the Russian Federation (Smolensk)

D. V. RIMASHEVSKY

Cand.med.sc., Associate Professor, Department of Traumatology and Orthopedics, RUDN University (Moscow)

S. S. BALGAZAROV

Cand.med.sc., Deputy Director for Clinical Affairs, National Scientific Center of Traumatology and Orthopedics named after N.D. Batpenov (Astana)

11:00-11:10	Single-Stage Revision for Periprosthetic Joint Infection of the Hip: Indications and Surgical Technique	R.M. Tikhilov (St. Petersburg)
11:10-11:20	Physical Antiseptic Methods in the Treatment of Periprosthetic Joint Infection	A.V. Ovsyankin (Smolensk)
11:20-11:30	Treatment of Periprosthetic Fractures of the Proximal Femur	S.A. Dzhumabekov, M.A. Karmyshbekov (Bishkek)
11:30-11:40 (online)	Innovations in Prosthetic Joint Infection Treatment	Rob Nelissen (Leiden)
11:40-11:50	Optimization of Microbiological Diagnosis of Periprosthetic Joint Infection: Arguments for the Implementation of Mass Spectrometry	S.A. Guzyukina (Smolensk)
11:50-12:00	Selection of Treatment Strategy in Patients with Periprosthetic Joint Infection of the Knee	D.V. Rimashevsky (Moscow)
12:00-12:10	Revision Hip Arthroplasty in Significant Bone Defects	I.I. Shubnyakov, R.M. Tikhilov, A.O. Denisov, A.A. Dzhavadov, A.N. Kovalenko (St. Petersburg)
12:10-12:20	Early Periprosthetic Joint Infection: Results of the DAIR Method in a Specialized Bone and Joint Infection Treatment Center	M.D. Alekseeva (Moscow)
12:20-12:30	Current Opportunities for the Use of Bioresorbable Spongy Matrices in the DAIR Strategy for Early Periprosthetic Joint Infection	M.Yu. Karimov, U.T. Kholmurodov, S.B. Madrakhimov (Tashkent)
12:30-12:40	From Aspiration to Revision: An Optimized Algorithm for the Diagnosis and Treatment of Deep Periprosthetic Hip Joint Infection	A.I. Rudnev (Moscow)
12:40-12:50	Diagnosis and treatment of periprosthetic joint infection and R&D of anti-infection artificial joints	Talante Juma (Beijing)
12:50-13:00	Results of Intraosseous Osseointegration of Titanium Implants with Ag- and Zn-Containing Calcium Phosphate Coatings	I.A. Kirillova (Novosibirsk)
13:00-13:10	Adjunctive Phage Therapy for Periprosthetic Joint Infection	V.V. Pavlov (Novosibirsk)
13:10-13:20	Application of 3D Augments in Revision Total Knee Arthroplasty	S.S. Alekseev (Moscow)
13:20-13:30	One-and-a-Half-Stage Revision in the Treatment of Periprosthetic Hip Joint Infection	V.D. Serikbayev, A.A. Belokobyllov, K.A. Petrovsky (Astana)

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13:30-13:40	Etiology of Chronic Periprosthetic Hip Joint Infection as a Determining Factor in the Selection of Revision Surgery	N.I. Rozhkov (Kurgan)
13:40-13:50	Accuracy of Cytological Analysis and Bacterial Culture in Periprosthetic Joint Infection	N.N. Pliska (Astana)
13:50-14:00	Causes of Treatment Failure in Periprosthetic Joint Infection and Ways to Prevent Them	A.A. Kriklivy (Astana)
14:00-14:10	Results of the Development and Clinical Evaluation of a Domestic Locking Plate for the Treatment of Periprosthetic Femoral Fractures	A.S. Balgazarov (Astana)
14:10-14:20	Discussion	

Breakout session No 2

«THE ROLE OF NURSING CARE IN PATIENT RECOVERY AFTER INJURIES AND SURGERIES»

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 2»

09:00-12:30

MODERATORS:
HAYRIYE ÜNLÜ

Prof. Dr. President of the Turkish Orthopedic Nurses Association (Antalya)

E. I. GURBANOVA

Head of the Operating Unit, National Scientific Center for Traumatology and Orthopedics named after N.D. Batpenov (Astana)

M. I. KOPBAYEVA

Deputy Director for Nursing, Professor Multidisciplinary Hospital named after Kh.Zh. Makazhanov (Karaganda)

G. K. SHODANOVA

Chief Nursing Officer, National Scientific Center of Traumatology and Orthopedics named after N.D. Batpenov (Astana)

09:00-09:10	25 Years of Nursing Leadership: From Patient Care to Quality Management	G.K. Shodanova (Astana)
09:10-09:20	Orthogeriatric Nursing	Hayriye Ünlü (Antalya)
09:20-09:30	Experience in Organizing Nursing Services in a Multidisciplinary Hospital: The Contribution of Nurses to the Quality and Safety of Medical Care	M.I. Kopbayeva, O.A. Gabitova (Karaganda)
09:30-09:40	Why Successful Arthroscopy Starts Not with the Surgeon: The Contribution of the Operating Room Nurse to Treatment Outcomes	I.V. Tynyanova (Astana)
09:40-09:50	High-Risk Surgery: The Role of the Operating Room Nurse in the Treatment of Osteomyelitis and Periprosthetic Joint Infection	K.A. Toganassova (Astana)
09:50-10:00	Venous Thromboembolism and Nursing Care in Orthopedic Patients	Nurhan Bayraktar (Ankara)
10:00-10:10	From Preparation to Implantation: The Key Role of the Operating Room Nurse in Revision Joint Surgery	Z.Yu. Gazdieva (Astana)
10:10-10:20	Patient Safety as a Priority in Modern Anesthesiology and Critical Care	A.G. Bostayeva (Astana)
10:20-10:30	Preventing Falls in Orthogeriatric Patients	Nurhan Bayraktar (Ankara)
10:30-10:40	Practical Nursing Skills in the Anesthesiology and Intensive Care Unit	R.U. Mazhidova (Astana)

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10:40-10:50	Modern Approaches to Organizing the Nursing Process in the Intensive Care Unit	G.E. Kaskatayeva, M.Zh. Batyrbek (Karaganda)
10:50-11:00	Nursing Care of Patients After Vertebroplasty	A.Zh. Rakhimzhanova (Astana)
11:00-11:10	Nursing Rehabilitation of Patients After Trauma and Orthopedic Surgery: A Multidisciplinary Approach	A.D. Sagyndikova, Z.T. Toleuova, T.G. Akasheva, T.V. Senkevich (Karaganda)
11:10-11:20	Management of Patients with Hemophilia Undergoing Joint Replacement Surgery	A.A. Uakpayeva (Astana)
11:20-11:30	Postoperative pain management in fragility fracture patients	Özlem Bilik (Izmir)
11:30-11:40	Nursing care for a patient undergoing total knee replacement surgery	Özlem Bilik (Izmir)
11:40-11:50	Nursing Care in the Early Postoperative Period After Revision Total Hip Arthroplasty	Z.S. Sultanova (Astana)
11:50-12:00	Specific Aspects of Organizing the Nursing Process and Modern Approaches to the Care of Patients with Severe Burn Injuries	A.N. Ashikbayeva, A.E. Makasheva (Karaganda)
12:00-12:10	Specific Aspects of Working with Patients with Limited Mobility in the Radiology Department: Algorithms and Professional Techniques	A.A. Iskenderova (Astana)
12:10-12:20	Modern Patient Rehabilitation Methods Using Robotic Technologies in Nursing Practice	D.B. Kuatkhanov (Astana)
12:20-12:30	Discussion	

Breakout session No 3**09:00-13:30 «MODERN TRAUMATOLOGY AND ORTHOPEDICS: INTERDISCIPLINARY APPROACHES AND OSTEOSYNTHESIS TECHNOLOGIES»**

Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 3»

«UPPER EXTREMITY SURGERY: MODERN TECHNOLOGIES AND CLINICAL DECISION-MAKING»**MODERATORS:****N. K. MURSALOV**

Cand.med.sc., Head of the Department of Traumatology, National Scientific Center of Traumatology and Orthopedics named after N.D. Batpenov (Astana)

M. B. BAUBEKOV

Cand.med.sc., Leading Research Fellow at the National Scientific Center for Traumatology and Orthopedics named after Academician N.D. Batpenov (Astana)

09:00-09:10	Optimization of Inpatient Care for Patients with Hand Disorders in a Day Hospital Setting	S.N. Berezutsky (Khabarovsk)
09:10-09:20	Ceramic Arthroplasty in Hand Surgery: From Interphalangeal Joints to the Wrist Joint	E.S. Karatayev (Astana)
09:20-09:30	«Hand Pain»: A Traumatologist's Perspective	A.M. Tarasyuk (Karaganda)
09:30-09:40	Development and Psychometric Analysis of a Questionnaire for Assessing Carpal Tunnel Syndrome and Stenosing Ligamentitis	Zh.D. Zhaniyazov (Astana)

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09:40-09:50	Surgical Treatment of Acromial-End Clavicle Fractures	A.A. Jabborov (Tashkent)
09:50-10:00	A Device for Osteosynthesis of Distal Clavicle Fractures	M.A. Juma-Akhunov, B.S. Anarkulov, B.S. Iskakov (Astana)
10:00-10:10	Clinical Outcomes of Using a Developed Plate for the Surgical Treatment of Clavicle Fractures	N.K. Mursalov, S.N. Sovetov, M.T. Kaliyeva, E.N. Shaukhin (Astana)
10:10-10:20	Use of a 3D Model for the Treatment of Forearm Nonunions	B.S. Dosmailov, M.O. Zhumagulov, G.K. Bazarkulov, Zh.B. Makhanova (Almaty)
10:20-10:30	Clinical and Functional Outcomes of Using a Universal Compression Screw for Fixation of Olecranon Fractures and Fractures of the Proximal and Middle Thirds of the Ulnar Shaft	Sh.O. Ruziev (Karshi)
10:30-10:40	Our Approach to Conservative Treatment of Rotator Cuff Disorders	S.M. Saliev (Tashkent)
10:40-10:50	AC Joint Separation: Scientific Rationale for Fixation Techniques	V.A. Zolotarev (Karaganda)
10:50-11:00	Diagnosis and Surgical Treatment of Achilles Tendon Injuries	Y.N. Nabiev, A.T. Dzhumabekov, N.A. Nurali, S.S. Alkhodzhaev (Almaty)
11:00-11:10	Discussion	

«LOWER EXTREMITY TRAUMA AND RECONSTRUCTIVE SURGERY: MODERN AND MINIMALLY INVASIVE TECHNOLOGIES»

11:10-11:20	Comprehensive Diagnosis and Selection of Treatment Strategies for Complications and Consequences of Long-Bone Fractures of the Lower Extremity	A.M. Yusupov (Khujand)
11:20-11:30	Our Experience with Surgical Treatment of Proximal Femoral Fractures in Emergency Traumatology	F.Kh. Mirdzhalilov (Tashkent)
11:30-11:40	FNS Osteosynthesis for Femoral Neck Fractures: Treatment Strategy and Outcomes	A.K. Sadykov (Astana)
11:40-11:50	Medialization of the Distal Fragment in the Correction of Lower Leg Varus Deformity: Functional and Aesthetic Significance	B.Zh. Atabayev (Astana)
11:50-12:00	Improving the Outcomes of Surgical Treatment of Proximal Tibial Fractures Using Minimally Invasive Techniques in Patients with Combined Injuries	S.S. Karimov (Khujand)
12:00-12:10	The Role of Transosseous Osteosynthesis in the Treatment of Sequelae of Lower Limb Injuries	A.B. Nurmukhametov (Astana)
12:10-12:20	Minimally Invasive Technique for Achilles Tendon Repair	B.S. Iskakov, B.S. Anarkulov, M.A. Dzhuma-Akhunov (Astana)

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12:20-12:30	Modern Approach to the Treatment of Femoral Head Avascular Necrosis: Treatment Outcomes	R.A. Ibragimov (Shymkent)
12:30-12:40	Patterns of Syndesmotic Injury in Ankle Fractures and Treatment Methods Selection	S.N. Khoroshkov (Moscow)
12:40-12:50	Minimally Invasive Surgery for Hallux Valgus: Efficacy, Limitations, and Prospects	A.P. Rudenko (Karaganda)
12:50-13:00	Clinical Case: Autoplasty and Refixation of the Medial Meniscus Root Using the Gracilis Tendon	A.U. Zokirov (Tashkent)
13:00-13:10	Meniscal Reconstruction in Clinical Practice: From Indications to Surgical Technique	G.S. Korganbekova (Astana)
13:10-13:30	Discussion	

09:00-14:00 **YOUNG SCIENTISTS' COMPETITION «BATPENOV READINGS»**
Astana, Nazarbayev University, 64 Turan Ave., Block C2, «Ball Room Right 4»

JURY MEMBERS:

EWALD HAERING

Prof. Senior Physician, Department of Trauma Surgery, Orthopedics and Occupational Injuries, University Hospital Bochum (Minden)

S. A. ZHUMABEKOV

Dr.med.sc. Prof., Academician of the National Academy of Sciences of the Kyrgyz Republic and the Russian Academy of Sciences (Bishkek)

A. A. BELOKOBYLOV

Cand.med.sc., Head of the Orthopaedics Department, Head of the Republican Joint Arthroplasty Center at the National Scientific Center for Traumatology and Orthopedics named after Academician N.D. Batpenov (Astana)

B. E. TULEUBAEV

Dr.med.sc., Prof. Head of the Department of Surgical Diseases, Karaganda Medical University; Head of the Trauma Center, Multidisciplinary Hospital named after Professor Kh.Zh. Makazhanov (Karaganda)

L. S. MINBAEVA

PhD, Head of the Center for Science and Innovation, National Scientific Center for Traumatology and Orthopedics named after Academician N.D. Batpenov (Astana)

09:00-09:10	WELCOME SPEECH BY PROF. G. R. BATPENOVA	
09:10-09:20	Effectiveness Evaluation of Heparin-Conjugated Fibrin Hydrogel in Focal Knee Joint Defects Treatment	T.A. Toktarov (Astana)
09:20-09:30	Whole-Exome Sequencing of a Patient with Simultaneous Bilateral Carpal Tunnel Syndrome and Stenosing Ligamentitis	A.S. Kaliyeva (Astana)
09:30-09:40	Modern Approaches to Knee Articular Cartilage Regeneration: A Case Series and First Clinical Experience with a Combination of 3D Spheroids of Mesenchymal Stem Cells and Autologous Minced Cartilage	B.E. Suiindik (Astana)
09:40-09:50	Application of Injectable Biomaterial in Talus Osteochondral Defects Surgical Treatment	M.N. Makhmetova (Astana)
09:50-10:00	Regenerative Spine Medicine: Experience with Cell-Based Technologies in Spinal Fractures Surgical Treatment	M. Abdikalikov (Astana)

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10:00-10:10	Experimental Model of Atrophic Nonunion of the Radius in Rabbits: Development, Validation, and Prospects for Testing Osteogenic Bioactivators	A.N. Kaliyev (Astana)
10:10-10:20	Radiological Diagnostic Methods and Biomechanical Markers of Asymmetric Coxarthrosis	A.A. Kosubayev (Astana)
10:20-10:30	Osteochondritis Dissecans of the Knee: Modern Approaches to Diagnosis and Treatment	D.E. Akhanov (Astana)
10:30-10:40	Use of Patient-Specific 3D-Printed Acetabular Components for Reconstruction of Paprosky Type III Acetabular Defects in Revision Hip Arthroplasty: A Single-Center Case Series	D.B. Sultanov (Astana)
10:40-10:50	Microsurgery Training at the Yasargil Microsurgery Training Center: A Four-Stage Course from Basic Principles to Flap Transfer	N. Bekbolatov (Urumqi)
10:50-11:00	From Severe Spinal Cord Injury to Functional Independence: A Clinical Case and Rehabilitation Outcomes	Zh.T. Kulymzhanova (Astana)
11:00-11:10	Comprehensive Evaluation of the Safety and Efficacy of a Nanocellulose-Based Antibiotic Biocomposite in Chronic Osteomyelitis Experimental Model	M.G. Rashova (Karaganda)
11:10-11:20	The Role of Early Diagnosis of Rotator Cuff Injuries in Optimizing Rehabilitation Outcomes	M. Mamatkarimov (Tashkent)
11:20-11:30	Microvascular Thrombosis and Hemostatic Disorders in Post-COVID Avascular Necrosis	Zh.Sh. Kayumov (Tashkent)
11:30-11:40	Evaluation of a Nanocellulose Biocomposite for the Regeneration of Long Bone Defects In Vivo	E.Yu. Kosilova (Karaganda)
11:40-11:50	Optimizing the Management of Periprosthetic Joint Infections Based on Clinical Registry Data and International Guidelines	D.K. Kuanyshpekov (Astana)
11:50-12:00	Investigation of the Bactericidal Properties of Titanium Implants with TaCu and NbCu Magnetron-Sputtered Coatings In Vivo	A.B. Kalzhanov (Astana)
12:00-12:10	Experience with Robot-Assisted Total Knee Arthroplasty at the National Scientific Center for Traumatology and Orthopedics	M.M. Abat (Astana)
12:10-12:20	Phosphocreatine in the Prevention of Early Organ Dysfunction in Elderly Patients with Proximal Femoral Fractures	M. Yelgondiyeva (Astana)
12:20-12:30	Personalized Orthotic Management for Children with Spastic Diplegia Due to Cerebral Palsy: New Possibilities of Low-Temperature Materials	D.R. Sharipova (Astana)
12:30-12:40	Fixation Methods in Osteoporosis: Treatment Tactics Depending on Fracture Type and Complications	P. Maksutkhan (Astana)
12:40-12:50	Calcaneal Fractures Minimally Invasive Surgical Treatment	S.U. Umarbekov (Bishkek)
12:50-13:00	Announcement of the Competition Results. Award Ceremony Certificate Presentation Closing Ceremony of the Young Scientists' Competition «BATPENOV READINGS»	