

**CONFERENCE**  
**2026** KNOWLEDGE  
THAT SAVES

**MODERN  
CHALLENGES  
IN THE MANAGEMENT  
OF TRAUMA-RELATED  
COMPLICATIONS**

## **Scientific and Practical Conference**

# **“Current Challenges in the Management of Complications of Traumatic Injuries”**

**March 26–27, 2026**

**Conference venue: Premier Hotel Dnister, 6 Yan Mateyko Street, Lviv, Ukraine**

**Workshops venue: RIUS Hotel, 12A Academician Hnatyuk Street, Lviv, Ukraine**

## **Day 1 – March 26, 2026**

### **Hall I – Fractures and Complications**

**Moderators: Kostiantyn Humeniuk, Volodymyr Burluka, Serhii Tertyshnyi**

09:00–09:20

Volodymyr Burluka (Ukraine)

“Clinical and Organizational Issues in Managing Complications of Pelvic Trauma in Polytrauma Patients”

09:20–09:40

Mykola Ankin (Ukraine)

“Contemporary Challenges in Orthopedics and Our Response to Them”

09:40–10:00

Roman Pfeifer (Germany)

“The Training of Doctors in Polytrauma Management”

10:00–10:20

Karl-Heinz Frosch (Germany)

“Modern Diagnostic and Treatment Algorithms, Local Antibiotic Therapy, Biofilm Management”

10:20–10:40

Kostiantyn Humeniuk (Ukraine)

“Management of Modern Combat Trauma in Patients Injured by FPV Drones”

10:40–11:00

Roman Derkach (Ukraine)

“Development of a National Trauma Center System: From Fragmented Care to a Unified Pathway for Trauma and Polytrauma Patients”

## 11:00–11:10 Official Opening of the Conference

### 11:10–11:30 Coffee Break

**Moderators: Roman Derkach, Pavlo Badiul, Volodymyr Burluka**

11:30–11:50

Ulrich Stoeckle (Germany)

“The Problem of Different Approaches to the Management of Infection in Orthopedic Surgery”

11:50–12:10

Serhii Huriev (Ukraine)

“Modern Combat Trauma: Clinical and Nosological Characteristics”

12:10–12:30

Volker Alt (Germany)

“The German Register for Complex Bone Infections – Principles, Features, and Implications for Ukraine”

12:30–12:50

Yurii Yarmoliuk (Ukraine)

“Device-Based Reconstruction of Tibial Fractures with Segmental Bone Defects”

12:50–13:10

Till Berk (Germany)

“Treatment of Combined Injuries of the Pelvis and Acetabulum”

### 13:20–14:00 Lunch Break

14:00–16:00

#### **Round Table “Orthobiology”**

Konrad Slynarski (Poland), Ihor Zazirnyi (Ukraine), Dmytro Horban (Ukraine)

“Orthobiology in Contemporary Surgical Practice”

Vladlen Savych (Ukraine)

“Use of Orthobiologic Techniques in the Management of Overuse Knee Injuries in Military Personnel”

**Moderators: Yurii Yarmoliuk, Serhii Hariián, Adrian Fil**

16:00–16:20

Dmytro Dmytriev (Ukraine)

“Pain Management in the Residual Limb (Amputation Stump)”

16:20–16:40

Serhii Hariián (Ukraine)

“Management of Nonunions and Pseudarthroses of the Femur”

16:40–17:00

Andrii Volna (Ukraine)

“Nonunion After Femoral Intramedullary Nailing: What Revision Options Are Available?”

17:00–17:20

Pavlo Badiul (Ukraine)

“Flaps as the ‘Workhorses’ for Soft-Tissue Defects of the Foot and Distal Third of the Leg”

17:20–17:40

Oleksandr Hatskyi (Ukraine)

“Subtotal and Total Denervation for Chronic Traumatic Shoulder Pain: From Anatomical and Pathophysiologic Rationale to Surgical Techniques and Their Modifications”

17:40–18:00

Andrii Domanskyi (Ukraine)

“The Masquelet Technique in Reconstruction of Segmental Bone Defects: Contemporary Approach and Outcomes”

18:00–18:20

Oleksandr Fomin (Ukraine)

“Intramedullary Irrigation as a Component of the Orthoplastic Approach in the Treatment of Gunshot Fractures of Long Bones”

18:20–18:40

Yurii Lazarenko (Ukraine)

“Function-Oriented Surgical Strategy in Combat Trauma of the Arm and Shoulder Joint”

**19:00–23:59**

**Assessment of Acquired Knowledge – Testing / Questionnaire**

## **Hall II – Complex Arthroplasty**

[March 26, 2026](#)

**Moderators: Mykhailo Poluliakh, Mykola Hrytsai, Mykola Ankin**

09:00–09:20

Ihor Zazirnyi (Ukraine)

“Periprosthetic Fractures Around Knee Arthroplasty”

09:20–09:40

Vasyl Haiovykh (Ukraine)

“Shoulder Arthroplasty for Proximal Humeral Bone Loss After Gunshot Injury”

09:40–10:00

Hennadii Kolov (Ukraine)

“Two-Stage Revision Total Hip Arthroplasty: Spacers and Strategy”

10:00–10:20

Adrian Fil (Ukraine)

“Complications Associated with Short-Stem Hip Arthroplasty: Strategies to Address the Problem”

10:20–10:40

Mykhailo Poluliakh (Ukraine)

“Revision Hip Arthroplasty After Aseptic Loosening of Cemented Prostheses”

10:40–11:00

Petro Bilinskyi (Ukraine)

“Current State of Osteosynthesis for Periprosthetic Femoral Fractures”

11:00–11:10 Discussion

**11:10–11:30 Coffee Break**

**Moderators: Hennadii Kolov, Mykola Hrytsai, Mykola Ankin**

11:30–11:50

Oleksii Marushchak (Ukraine)

“Challenges in the Diagnosis and Management of Acute Periprosthetic Joint Infection”

11:50–12:10

Luca Rigamonti (Italy)

“Advantages of Multi-Hole, Highly Porous 3D-Printed Cups for Acetabular Reconstruction”

12:10–12:30

Olivier Guyen (Switzerland)

“Dual Mobility in Total Hip Arthroplasty (THA)”

12:30–12:50

Klemens Horst (Germany)

“Treatment Strategies in Complex Acetabular and Periprosthetic Acetabular Fractures”

12:50–13:10

Luigi Zagra (Italy)

“Vancouver B1 and B2 Defects According to the Paprosky Classification”

**13:20–14:00 Lunch Break**

## **14:00–15:00 Satellite Symposium**

14:00–14:15

Roman Blonskyi

“Pain and Inflammation Control in Knee Trauma as the Basis for Effective Rehabilitation”

14:15–14:30

Vsevolod Vashchuk

“A Comprehensive Approach to Managing Patients with Complex Trauma: From Pain Control to Prevention of Infectious Complications” \*

14:30–14:45

Volodymyr Kovalchuk

“Kiomedin in the Management of Refractory Knee Osteoarthritis”

14:45–15:00

Vasyl Shmahoi

“Features of osteoarthritis treatment in patients with cardiovascular risks”

\* This report was prepared with the scientific and financial support of Dr. Reddy's Laboratories Limited. It does not constitute grounds for awarding points to healthcare professionals under the CPD system for healthcare professionals.

**Moderators: Roman Derkach, Mykhailo Poluliakh, Vadym Lutsyshyn**

15:20–15:40

Siegfried Hofmann (Austria)

“Primary TKA in Complex Fractures of the Native Knee”

15:40–16:00  
Siegfried Hofmann (Austria)  
“Complex Post-Traumatic Total Knee Arthroplasty”

16:00–16:20  
Francesco Benazzo (Italy)  
“Dual Mobility in THA”

16:20–16:40  
Oliver Marín-Peña (Spain)  
“Prevention of Dislocation in Hip Arthroplasty: The Role of Dual Mobility Systems”

16:40–17:00  
Oleksii Marushchak (Ukraine)  
“Alternative Management Pathways in ‘Culture-Negative’ Periprosthetic Joint Infection”

17:00–17:20  
Ivan Saltanov (France)  
“Complex Post-Traumatic Sequelae of the Knee: Contemporary Role of Rotating-Hinge Prostheses”

17:20–17:30  
Vasyl Makarov (Ukraine)  
“Short-Term Outcomes of Complex Primary and Revision THA Using 3D-Custom Acetabular Components with Bioinert Coatings”

17:30–17:40  
Maksym Baida (Ukraine)  
“Periprosthetic Fractures: When the Implant Becomes a Risk Factor”

17:40–18:00  
Davyd Borodiuk (Ukraine)  
“Systematic Approach to Managing Complications of Gunshot Femoral Fractures”

18:00–18:10 Discussion

**19:00–23:59 Assessment of Acquired Knowledge – Testing / Questionnaire**

## **Hands-On Workshops – RIUS Hotel**

**14:00–15:00 “Persona Personalized Knee System”**

**15:00–16:00 “Surgical Approaches in Total Hip Arthroplasty”**

**14:00–15:00 “A New Level of Control in Femoral Intramedullary Nailing – APFN”**

**15:00–16:00 “Use of Dual Mobility Systems in Hip Arthroplasty in Young Patients”**

## Day 2 – March 27, 2026

### Hall I – Fractures and Complications

**Moderators: Vasyl Haiovych, Mykola Hrytsai, Vadym Sulyma**

09:00–09:20

Serhii Tertyshnyi (Ukraine)

“Muscle Flaps as the Foundation of Reconstruction for Gunshot Multistructural Leg Injuries (Experience from the War in Ukraine)”

09:20–09:40

Vadym Sulyma (Ukraine)

“Fracture-Related Infection: Strategy for Preserving Fixation”

09:40–10:00

Maksym Holovakha (Ukraine)

“Use of Massive Titanium Augments for Reconstruction of Segmental Bone Defects”

10:00–10:20

Jiro Oba (Japan)

“Infection Prevention Strategies in Japanese Hospitals”

10:20–10:40

Olafs Libermanis, Mārtiņš Malzubris (Latvia)

“Complex Management of Severe Open Hand Injuries in Resource-Limited Settings”

10:40–11:00

Mykola Hrytsai (Ukraine)

“How the Management of Bone and Joint Infections Has Changed During the War”

11:00–11:10 Discussion

**11:10–11:30 Coffee Break**

**Moderators: Yevhen Symulyk, Pavlo Badiul, Serhii Hariián**

11:30–11:50

Marco Innocenti (Italy)

“Current Trends in Microvascular Reconstruction of the Leg and Foot”

11:50–12:10

Vasyl Shmahoi (Ukraine)

“Our Experience with Two Internal Fixation Devices in Two-Stage Reconstruction of Critical Segmental Defects in Long Bones (Case Report and Lessons Learned)”

12:10–12:30

Yevhen Symulyk (Ukraine)

“Microsurgical Coverage of Tibial Defects After Combat Trauma”

12:30–12:50

Mykhailo Matiash (Ukraine)

“A Multimodal Approach to Treatment and Rehabilitation of Blast Injuries and PTSD in Combat Veterans”

12:50–13:10

Vasyl Makarov (Ukraine)

“Long-Term Outcomes of ORIF for Comminuted Proximal Humerus Fractures in Patients with Low Bone Mineral Density Using Porous PLA Implants”

### **13:10–14:00 Lunch Break**

**Moderators: Yevhen Symulyk, Shehan Hettiaratchy, Yaroslav Bylo**

Topic Block:

“Orthoplastic Approach Plus Targeted Evacuation in Ukraine: A Future Model for Combat Trauma Care”

16:00–16:15

Shehan Hettiaratchy (United Kingdom)

“Evolution of the Orthoplastic Approach in Ukraine: Key Drivers of Progress and Next Steps”

16:15–16:30

Serhii Bezruchenko (Ukraine)

“Clinico-Biomechanical Rationale for Surgical Fixation of Gunshot Clavicle Fractures with Bone Defects”

16:30–16:45

Ihor Stoianovskiy (Ukraine)

“Role of the Plastic Surgeon, Orthopedic Surgeon, Rehabilitation Physician, and Prosthetist in Preparing Complex Amputation Stumps for Prosthetic Fitting”

16:45–17:00

Roman Saliuk (Ukraine)

“Surgical Management of Distal Femoral Combat Injuries”

17:00–17:15

Taras Hatsenko (Ukraine)

“The Role of the First-Line Hospital in the Orthoplastic Model: Stabilization, Preparation for Reconstruction, and High-Quality Handover”

17:15–17:30

Dmytro Shmatko, Mykhailo Isak (Ukraine)

“Targeted Evacuation from the Battlefield: Routing Criteria, Communication, and Requirements for the Receiving Center”

17:30–17:45

Danylo Turkevych (Ukraine)

“Eighteen Months of Targeted Evacuation to an Orthoplastic Center: Outcomes, Metrics, and Practical Lessons for Scaling”

17:45–18:00

Roman Baryliak, Nataliia Lozynska (Ukraine)

“Combat Ear Trauma: Patterns of Injury, Comprehensive Treatment, and Rehabilitation”

18:00–18:15

Nataliia Lozynska (Ukraine)

“Clinical Importance of Diagnosis and Sanitation of the Paranasal Sinuses in Midface Reconstruction After Combat Trauma”

18:15–18:30 Discussion

### **18:30 Closing of the Conference**

**19:00–23:59 Assessment of Acquired Knowledge – Testing / Questionnaire**

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## **Hall II – Complex Arthroscopy**

March 27, 2026

**Moderators: Ihor Zazirnyi, Maksym Holovakha, Roman Blonskyi**

09:00–09:20

Atanas Andreev (Bulgaria)

“ACL Reconstruction Using Allograft”

09:20–09:40

Madis Rahu (Estonia)

“ACL Reconstruction – Preferred Techniques in My Practice”

09:40–10:00

Robert Smigielski (Poland)

“ACL Reconstruction Using BTB Grafts”

10:00–10:20

Roman Seil (Luxembourg)

“ACL Reconstruction Using QT Grafts”

10:20–10:40

Helder Pereira (Portugal)

“ACL Reconstruction Using STG Grafts”

10:40–11:00

Maksym Holovakha (Ukraine)

“All-Inside ACL Reconstruction Using QT, BTB, and STG Autografts”

11:00–11:10 Discussion

### **11:10–11:30 Coffee Break**

**Moderators: Vadym Lutsyshyn, Serhii Varzar, Yulian Bursuk**

11:30–11:50

Vadym Lutsyshyn (Ukraine)

“Implant-Free ACL Reconstruction Using Quadriceps Tendon with Bone Block (QTB): Does It Really Work?”

11:50–12:10

Roman Blonskyi, Oleksandr Kostrub (Ukraine)

“Diagnosis and Management of Femoroacetabular Impingement”

12:10–12:30

To be confirmed

12:30–12:50

Iryna Nikiforova (Ukraine)

“Complications After ACL Reconstruction: MRI Perspective”

12:50–13:10

Konrad Slynarski (Poland)

“Lipogems: Cell-Based Therapy for Knee Osteoarthritis – Ten Years of Clinical Experience and Research”

**13:10–14:00 Lunch Break**

## **14:00–15:00 Satellite Symposium**

14:00–14:15

Serhii Bezruchenko

“Arthroscopic Management of Chronic Acromioclavicular Joint Dislocations”

14:15–14:30

Volodymyr Kovalchuk

“Comprehensive Management of Patellofemoral Pain Syndrome”

14:30–14:45

Maksym Teliga

“Technologies and Solutions in Modern Intramedullary Nailing Systems”

14:45–15:00

Anna Ostapenko

“Revision Surgery, Bone Defects, Infectious Complications”

**Moderators: Ihor Zazirnyi, Vasyl Makarov, Volodymyr Kovalchuk**

16:00–16:15

Vasyl Makarov (Ukraine)

“All-Inside Arthroscopic Revision ACL Reconstruction with QT Autograft”

16:15–16:30

Serhii Varzar (Ukraine)

“Choice of Fixation Type and Risk of Complications in Hip Arthroplasty for Femoral Head Avascular Necrosis in Military Personnel”

16:30–16:45

Volodymyr Kovalchuk (Ukraine)

“Arthroscopic Meniscal Repair with the Use of Orthobiologic Technologies”

16:45–17:00

Yulian Bursuk (Ukraine)

“Complications in Hip Arthroscopy: Prevention and Management”

17:00–17:15

Oleksii Olifirenko (Ukraine)

“Which Meniscal Tears Should Be Repaired and How to Prevent Complications?”

17:15–17:30 To be confirmed

17:30–17:40 Discussion

18:00 Closing of the Conference

**19:00–23:59 Assessment of Acquired Knowledge – Testing / Questionnaire**

## **Hands-On Workshops – RIUS Hotel**

**09:00–19:00 Professional School “Infection Control in Arthroplasty: Aseptic and Antiseptic Standards for Nurses Throughout the Entire Arthroplasty Pathway”**

**14:00–15:00 “Systems for Revision Knee Arthroplasty – LCCK and RHK” (lecture + dry bone workshop)**

**15:00–16:00 “Advantages of a Straight Humeral Stem Design and ‘Premium’ Fixation – AHN”**

**16:00–16:30 “Cryoanalgesia for Knee Pain: Contemporary Options for Long-Acting Analgesia”**

## **Specialized Professional School – March 27, 2026**

**RIUS Hotel, Hall I**

### **Professional School**

**“Infection Control in Arthroplasty: Aseptic and Antiseptic Standards for Nurses Throughout the Entire Arthroplasty Pathway”**

09:00–09:10 Welcome and Introduction

09:10–09:40 Ordering and Communication with the Supplier

09:40–10:30 Receipt and Verification of Implants and Instruments

10:30–11:10 Sterilization and Processing (SPD)

11:10–11:40 Coffee Break

11:40–12:20 Operating Room Preparation

12:20–13:00 Maintaining Sterility During the Surgical Procedure

13:00–14:00 Lunch

14:00–14:40 Intraoperative Workflow and Instrument Handling

14:40–15:00 Cleaning and Initial Processing

15:00–15:15 Return, Inventory, and Postoperative Documentation

15:20–16:30 Total Knee Arthroplasty: Key Principles and Specific Features

16:30–18:30 Total Hip Arthroplasty – Practical Session

18:30–19:00 Summary and Wrap-Up

19:00–23:59 Assessment of Acquired Knowledge – Testing / Questionnaire

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## **Microsurgery Workshop – March 28, 2026**

### **Workshop**

### **“Microsurgery in Trauma: From Basic Skills to Clinical Integration”**

**Venue: Superhumans Center, 31 Ivasiuka Street, Vynnyky, Ukraine**

### **Program**

#### **I. Theoretical Block**

09:00–09:10 (10 min)

Opening, orientation to the program and learning objectives

09:10–09:50 (40 min) – Lecture 1

“Fundamentals of Microsurgery”

(Working under the microscope, ergonomics and workstation organization, basic technical and safety principles)

09:50–10:30 (40 min) – Lecture 2

“Microinstruments and Materials”

(Instrumentation and its specific features, suture materials, common technical errors)

10:30–11:00 (30 min) – Lecture 3

“Clinical Reasoning in Microsurgery”

(Planning reconstruction, analysis of anatomical specifics, decision-making algorithms)

11:00–11:30 (30 min)

Coffee Break

## **II. Practical Block (Hands-On)**

11:30–12:30 (60 min)

Basic Microsurgical Skills

(Hand positioning, movement coordination, placement of interrupted sutures)

12:30–13:30 (60 min)

End-to-End Arterial Anastomosis

13:30–14:30 (60 min)

Lunch

14:30–15:20 (50 min)

End-to-End Venous Anastomosis

15:20–16:00 (40 min)

End-to-Side Venous Anastomosis

16:00–16:15 (15 min)

Coffee Break

16:15–17:00 (45 min)

Basics of Nerve Reconstruction – Epineurial Suture

17:00–17:40 (40 min)

Complex Microsurgical Exercises and Individual Feedback

## **III. Integration Block**

17:40–18:20 (40 min)

“Integration of Microsurgical Techniques into Clinical Practice: Algorithms and Management of Complications”

18:20–18:50 (30 min)

Clinical Case Discussions

18:50–19:20 (30 min)

Conclusions, Recommendations, Q&A

19:20–23:59 Testing / Questionnaire – Assessment of Acquired Knowledge