

XIV Moscow International Course of Hybrid Surgery
(MICHS-2023)
Provisional Program

5 February 2023

11:00 – 12:45 SESSION: Hybrid Treatments of Lower Limb Artery (LLA) Constrictive Lesions. Part 1

*Cochairs: Acad. R.S. Akchurin, Acad. A.V. Gavrilenko and Acad. I.I. Zatevakhin,
Russian Academy of Sciences*

11:00 – 11:10 Welcome address by Acad. R.S. Akchurin, Moscow

11:10 – 11:25 Post-Reconstructive Artery Hybrid Surgery (HS): Threat of Limb Loss.
A.V. Gavrilenko, N.A. Talov and Ms D.V. Shatalova, Moscow

11:25 – 11:40 Hybrid Vascular Surgery: Present and Future.
A.A. Karpenko, Novosibirsk

11:40 - 11:50 Role of USI in HS of LLA.
Ms T.V. Balakhonova and M.I. Tripoten

11:50 – 12:00 60 Years of SFA Endovascular Treatment History: Which Optimal Method We've
Arrived at?
Z.A. Kavteladze, Moscow

12:00 – 12:10 HS of Critical Limb Ischemia.
D.A. Maitesyan, Moscow

12:10 – 12:20 Using Anyreach C for Bifurcating Lesions and Chronic Total Occlusions.
Shao-Liang Chen, China

12:20 – 12:30 Hybrid Vascular Surgery of Critical Lower Limb Ischemia.
K.V. Bylov and I.S. Tishchenko, Moscow

12:30 – 12:45 Drug-Eluting Stent Efficacy in Peripheral Artery Treatment.

Giovanni B. Torsello, Germany

12:45 - 13:30 Roundtable supported by RP Canon Medical Systems LLC: Angiographic Systems for Various Generations. The Road of Samurai: Myths and Reality

13:30 – 15:00 SESSION: Hybrid Treatments of Constrictive Lower Limb Artery Lesions. Part 2

Moderators: Prof. T.V. Balakhonova, Prof. Z.A. Kavteladze, Prof. A.A. Karpenko and Corr. member/RAS A.A. Shiryayev

13:30 – 13:40 LLA Lesion Endovascular Surgery: Totally Occluded Artery Access (outcomes of 50 cases).

Z.A. Kavteladze, Moscow

13:40 – 13:50 Outcomes of the Two-Years' Experience of Totally Occluded SFA Revascularization Using the Woven Nitinol Stent.

A.A. Gostev, Novosibirsk

13:50 – 14:00 Hybrid Surgery at the Limb Saving Center: Our Pioneer Experience.

A.V. Zholkovsky, Rostov-on-Don

14:00 – 14:10 Remote Outcomes of the Biomimetic and Therapeutic Revascularization of Extended SFA Lesions (prospective RT).

A.V. Cheban, Novosibirsk

14:10 – 14:20 Saving the Limb: Modern HS Modalities (Almazov National Medical Research Center).

M.A. Chernyavsky, St. Petersburg

14:20 – 14:30 Technical and Tactical Issues of Chronic Ischemia Hybrid Revascularization: Threat of Limb Loss.

N.A. Naumov, Yaroslavl

14:30 – 14:40 Foot Deep Vein Hybrid Arterialization through Natural Collaterals without Distal Anastomosis.

P.S. Kuryanov, St. Petersburg

14:40 – 14:50 Modern Approach to LLA Lesion Treatment.

S.M. Naumov, Moscow

14:50 – 15:00 Our Experience in Using AngioJet in Infrainguinal Autovenous Conduits.

A.V. Antropov, A.N. Lipin, N.N. Gruzdev, K.A. Atmadzas and Ya.P. Eminov

15:00 – 15:10 Break time

14:30 – 16:00 SESSION: Hybrid Vascular Surgery (HVS) of Chronic Ischemia: Threat of Limb Loss (CI TLL)

Moderators: K.V. Bylov, P.S. Kuryanov, A.A. Baryshnikov, N.A. Naumov and I.I. Sitkin

15:10 – 15:20 HS of Acute LL Ischemia.

S.A. Papoyan, Moscow

15:20 – 15:30 Hybrid Approach to ALLI (both limbs) in Complicated Cases.

S.A. Platonov, St. Petersburg

15:30 – 15:40 HVS: Way to Care Delivery Arrangements in Complicated Cases.

A.A. Baryshnikov, Chelyabinsk

15:40 – 15:50 Outcomes of Endovascular Revascularization in CI TLL DM Cases.

I.I. Sitkin, Moscow

15:50 – 16:00 Modern Revascularization Methods for LLA Atherosclerotic Lesions.

M.B. Temrezov, Cherkessk

16:00 – 16:10 Mesenteric Thromboses: Hybrid or a Staged Approach?

S.V. Shenderov and M.V. Tugbaev, St. Petersburg

16:10 – 16:20 HS of Multi-Tier LLA Lesions in Comorbid Cases.

P.M. Lepilin, A.S. Kolegaev and T.E. Imaev, Moscow

16:20 – 16:30 Comparative Analysis of the Multi-Tier Revascularization of Iliac and Femoral Arteries Using HS and Endovascular Multi-Tier Stenting.

Ms O.S. Ossipova, Novosibirsk

16:30 – 16:40 Cardiac Complication Predictors in Hybrid Reconstructive Operations in CI TLL DM Cases.

S.R. Medjidov, I.M. Kalitko and V.V. Derkach, Klin, Moscow Region

16:40 – 16:50 Carboxiangiography in Threatened-Limb Chronic Ischemia.

M.Yu. Movsesyants, Moscow

16:50 – 17:00 Endovascular Peripheral Arteriotomy (JetStream).

Vinko Vidjak, Croatia

17:00 – 17:10 Comparative Analysis of All-Through Stenting and Hybrid Revascularization in Tandem Lesions of Common Femoral and External Iliac Arteries (prospective RT).

Sh.B. Saya, Novosibirsk

6 February 2023

09:00 – 09:45 Luncheon with VANI Devices: The Relevant Assisted Circulation Techniques for the Treatment and Prevention of Acute CV Pathology Conditions.

10:00 Opening ceremony

10:00 – 11:10 PLENARY SESSION: Developing Transcatheter Techniques in Structural Heart Pathology (SHP).

Cochairs: Acad. R.S. Akchurin, Acad. S.A. Boitsov, Acad. A.Sh. Revishvili and Acad. A.V. Shabunin, Russian Academy of Sciences

10:00 – 10:10 Welcome remarks by Conference co-chairs and panel members

10:10 – 10:30 20 years of TAVI Evolution.

Alan Cribie, France

10:30 – 10:50 Mitral TAVI: A New Reality.

Francesco Maisano, Italy

10:50 – 11:10 Tricuspid Regurgitation (TR): A New Target in Invasive SHP Treatments.

Bernard Prendergast (UK)

11:10 – 11:15 Break time

11:15 – 14:00 SESSION: Mitral and Tricuspid Valve Pathology TC Treatments

Moderators: Acad. S.A. Boitsov, Acad. E.Z. Golukhova and Acad. A.Sh. Revishvili, RAS

11:15 – 11:35 One-Time Surgical Correction of Atrioventricular Valves and Arrhythmia.

A.Sh. Revishvili, Moscow

11:35 – 11:55 Reconstructive Surgery of Atrioventricular Valves.

R.M. Muratov, Moscow

11:55 – 12:15 Triclip Technique: Development Perspective.

Francesco Maisano, Italy

12:15 -12:40 *Video broadcasting from OR (Mitraclip)*

12:40 – 12:55 TC Valve Pascal TC Plasty.

Thilo Noack, Germany

12:55 – 13:10 Mitral TAVI: Our Current Status.

Paolo Denti, Italy

13:10 – 13:25 Reconstructive Interventions vs. Atrioventricular TAVI: Traditional and TC Surgery.

S.A. Leontiev, Germany

13:25 – 13:40 Patient Selection and Mitraclip Surgery Imaging.

Ms M.A. Saidova, Moscow

13:40 – 13:50 TC Mitral re-TAVI: Own Study Outcomes.

V.I. Ganyukov, Kemerovo

13:50 – 14:00 Our Experience of TC Mitral Valve Plasty.

A.E. Komlev, Moscow

14:00 – 14:45 Break time. Lunch symposium provided by Lifetech.

- **Lifetech Occluders (clinical cases): Konar is a New Generation.**

Moderator: Aleksandre G. Ossiev

- **Lifetech Experience in Congenital Heart Defect Treatment.**

Alexei V. Voitov, pediatric CV surgeon, Meshalkin Federal Medical Research Center, MH RF, Novosibirsk

- **Off-Label Use of Konar MF VSD Occluder (clinical case).**

Pavel F. Chernoglaz, endovascular radiology surgeon, Head of Clinical Department, State Pediatric Radiology Center, Minsk, Belarus

- **Lifetech Implanting in Details.**

Dmitriy A. Zverev, PhD, Head of Department/ Endovascular Radiology Diagnosis and Treatment Techniques

14:45 – 17:15 SESSION: Innovations in TC AV Surgery

Moderators: Acad. B.G. Alekian, Prof. V.V. Bazylev and Prof. S.P. Seminko

14:45 – 15:00 Low-Risk Aortic Stenosis TAVI in Aortic Stenosis.

B.G. Alekian, Russia

15:00 – 15:15 Pre- and Post-TAVI Anti-Platelet Therapy.

Ariel Finkelstein, Israel

15:15 – 15:45 *Video broadcasting from OR*

(balloon-expandable MyVal transfemoral implanting)

15:45 – 16:00 Patient-Focused Approach in Valve Selection for TAVI.

S.A. Leontiev, Germany

16:00 – 16:15 Antiembolus Brain Protection in TAVI.

Jan Kovac, UK

16:15 – 16:30 Surgical or Endovascular AVI: Matter of Choice?

S.P. Semitko, Moscow

16:30 – 16:45 TAVI Experience with NG Balloon-Expandable Valves.

Ignasio Jesus Amat Santos, Spain

16:45 – 16:55 Remote Outcomes of Synthetic-Cusp TAVI.

V.V. Bazylev, A.B. Voevodin, Penza

16:55 – 17:05 TAVI: Yesterday, Today and Tomorrow.

T.E. Imaev, Moscow

17:05 – 17:15 Modern TAVI Modalities.

K.V. Petrosyan, Moscow

17:15 – 17:30 Break time

17:30 – 19:00 SESSION: Transcatheter Interventions in Russia

Moderators: Prof. V.I. Ganyukov, T.E. Imaev, D.M. and Prof. A.N. Fedorchenko

17:30 – 17:40 Post-TAVI Septic Endocarditis: Relevance, Prophylaxis and Treatments.

S.V. Meingart and A.N. Fedorchenko, Krasnodar

17:40 – 17:50 TAVI: Regional Vascular Surgery Center Modalities.

E.A. Shloido, St. Petersburg

17:50 – 18:00 Post-TAVI AV Conduction Problems: Our Risk Reduction Options.

O.V. Kreстьяninov, Novosibirsk

18:00 – 18:10 TAVI in IHD Cases.

N.V. Zakaryan, Moscow

18:10 – 18:20 Tactical Approaches to Hemodynamically Significant CA Lesions in TAVI Candidates.

Ms A.A. Nurkhametova, Moscow

18:20 – 18:30 TAVI: Internal Carotid Artery Lesions.

D.P. Stolyarov, Krasnoyarsk

18:30 – 18:40 Post-TAVI Neurophysiological Status: Dynamic Changes in Multichannel EEG and Cognitive Status.

R.S. Tarassov, Kemerovo

18:40 – 18:50 Modern Expandable Platforms in the Endovascular Treatment of Critical Aortic Stenosis.

V.V. Zelenin, St. Petersburg

18:50 – 19:00 Low- and Mid-Risk TAVI Cases: Review of Own Experience.

A.V. Sidorenko, Krasnoyarsk

19:00 – 19:10 TAVI: Transaxillary Approach.

P.I. Pavlov, Khanty-Mansiysk

7 February 2023

10:00 – 13:00 PLENARY SESSION: Acute Aortic Syndromes (AAS)

Moderators: Acad. R.S. Akchurin, Acad. Yu.V. Belov, Acad. Yu.P. Ostrovsky and Acad. G.G.Khubulava, RAS

10:00 – 10:20 Urgent Aortic Surgery.

G.G. Khubulava, St. Petersburg

10:20 – 10:40 Acute Aortic Syndrome: Problems and Solutions.

Yu.P. Ostrovsky, Belarus

10:40 – 11:00 Hybrid Approach to AAS.

E.R. Charchyan, Moscow

11:00 – 11:20 AAS: How Can We Help?

A.M. Chernyavky, Novosibirsk

11:20 – 11:40 Surgical Philosophy for AA Dissection: Maximal Radicality?

B.N. Kozlov, Tomsk

11:40 – 12:00 Modern Perspective of Acute Abdominal Region Artery Rupture.

A.V. Chupin, Moscow

12:00 – 12:15 Acute Aortic Dissection (AAD) Type 1: Causes of Pre-Hospital Mortality and the Surgical Implication Prevention Techniques.

V.V. Bazylev and D.S. Tungussov, Penza

12:15 – 12:30 AAS Endovascular Treatments.

E.A. Shloido, St. Petersburg

12:30 – 12:45 Our AAS Treatment Modalities.

N.P. Yuldashev, Uzbekistan

12:45 – 12:55 Endovascular Treatment of Acute Aortic Rupture and Dissection.

Ms N.R. Chernaya, Moscow

12:55 – 13:05 Aortic Endografting in AAS.

T.N. Khafizov, Ufa, Bashkortostan

13:05 – 13:15 AAS Care Delivery Arrangements at the Ambulance Service Hospital.

R.A. Yakubov, Naberezhnye Chelny, Tatarstan

13:15 – 14:00 Break time

Lunch symposium provided by Philips

- **Philips satellite symposium:** Modern IntraOP Interventions in Aortic and Peripheral Vessel Surgery.
Moderator: Timur E. Imaev
- Fusion Navigation and Hybrid Surgery Modalities.
Timur E. Imaev
- Importance of Aortic and Branch Surgery Planning and System Navigation.
Peter M. Lepilin
- Relevant Issues of Intravascular USI in Aortic Branch and Peripheral Vessel Interventions.
Zaur Kh. Shugushev

14:00 – 16:10 Hybrid Interventions on Thoracic Aorta

Moderators: Acad. I.I. Zatevakhin, Corr. member/RAS E.R. Charchyan and Corr. member/RAS A.M. Chernyavsky

14:00 – 14:15 Endovascular Interventions on Aortic Pathologies.

Chang Shu, China

14:15 – 14:30 Overview of the 2022 Clinical Guidelines on Endovascular Aortic Pathology Treatments.

S.A. Abugov

14:30 – 14:45 Where Euphoria Ends and the Experience Starts: The Age of Endovascular Aortic Arch Treatment.

M.A. Chernyavsky, St. Petersburg

14:45 – 15:10 *Video broadcast from OR (TEVAR)*

15:10 – 15:20 Endovascular Aortic Arch Stenting Without Debranching.

S.V. Volkov, Moscow

15:20 – 15:30 Fenestrations in Urgent Aortic Endografting.

M.R. Sharafutdinov, Naberezhnye Chelny, Tatarstan

15:30 – 15:40 Remote Outcomes of In-Vivo Fenestrated AEI.

O.V. Krestyaninov, Novosibirsk

15:40 – 15:50 Endovascular Implanting of Fenestrated Aortic Arch Stent-Grafts.

A.S. Kolegaev, Moscow

15:50 – 16:00 Remote Outcomes of Full Aortic Recanalization with Djumbodis.

Ms K.V. Kochkina, Krasnoyarsk

16:00 – 16:10 Key Issues of E-nside and Extra Design Usage.

Theodosios Bisdas, Greece

16:10 – 16:20 Break time

16:20 – 18:10 SESSION: Open and Hybrid Endovascular Interventions on Abdominal Aorta (AA)

Moderators: Prof. S.A. Abugov, Prof. Z.A. Kavteladze and Prof. A.V. Chupin

16:20 – 16:35 Role of Open AA Surgery in the Endovascular Age.

A.N. Vachev, Samara

16:35 – 16:50 Early Diagnosis of Aorta Abdominal Aneurysm: Need for National Screening.

Ms T.V. Balakhonova, Moscow

16:50 – 17:05 28-Years' Personal Experience of Endovascular AAA Treatment: Critical View of Results and Method Modalities.

Z.A. Kavteladze, Moscow

17:05 – 17:20 Automated Retrospective Analysis of Proximal AAA Neck Geometry in Light of Endografting Remote Outcomes

A.A. Karpenko, Novosibirsk

17:20 – 17:35 Complicated AAA Treatments.

A.V. Matyushkin, Moscow

17:35 – 17:50 Saving of Internal Iliac Arteries in Infrarenal Aneurysm Endografting: Technical Whim or Clinical Necessity?

R.S. Polyakov, Moscow

17:50 – 18:00 Early Endografting Experience: Thoracoabdominal and Supra- and Juxta-Renal Aortic Aneurysm.

D.V. Movsesyants, Moscow

18:00 – 18:10 Complex Autonomy AA Endografting.

D.V. Salichkin, Moscow

18:10 Closing the conference