

ELECTIVE PROGRAM

TCT RUSSIA 2021 - XXIII MOSCOW'S INTERNATIONAL CONGRESS ON ENDOVASCULAR SURGERY

Monday, November 22

TRANSCATHETER CARDIAC VALVE INTERVENTIONS

**9:00–10:00 Discussion club supported by Medtronic. TC
bicuspid aortic valve endoprosthesis**

EMERALD HALL

Moderator: **Timur Imaev (Russia)**

Participants: **Oleg Krestyaninov (Russia), Kseniya Kochkina (Russia)**

9:00-9:15 Modern Perspective of BAV Treatment
Timur Imaev (Russia)

9:15-9:30 EV BAVR Calculations and Patient Selection
Kseniya Kochkina (Russia)

9:30-9:45 BAV Patient in Clinical Practice
Oleg Krestyaninov (Russia)

9:45-10:00 Discussion

**10:05–10:50 Discussion club supported by Philips.
Navigating Philips Angiographic and US Systems for CV TCI**

EMERALD HALL

Moderators: Timur Imaev (Russia), Igor Buzaev (Russia), Marina Saidova (Russia)

10:05–10:45 Live case review

10:45–10:50 Discussion

10:55–11:40 Instrumental Theater supported by Philips. Philips Technologies for CV TCI PreOP Planning and IntraOP Navigation

EMERALD HALL

Moderator: Eric Buts (Netherlands)

11:40–11:45 Siemens creative structured video. Hybrid Operating Room Modalities in Cardiosurgery: Federal Cardiosurgery Centre (Penza, Russia)

EMERALD HALL

PERCUTANEOUS CORONARY INTERVENTIONS

11:45–12:45 Discussion club supported by Abbott. PCI optimization in bifurcations

EMERALD HALL

Moderators: Ivan Bessonov (Russia), Nikita Litvinyuk (Russia)

Participants: Maciej Lesiak (Poland), Goran Stankovic (Serbia)

11:45–11:50 Introduction and Session Objectives
Ivan Bessonov (Russia)

11:50–12:10 Physiology and OCT assessment in bifurcations
Maciej Lesiak (Poland)

12:10–12:20 Discussion

12:20–12:35 OCT for ambiguous LMCA stenosis
Goran Stankovic (Serbia)

12:35–12:40 Discussion

12:40-12:45

Take home messages
Nikita Litvinyuk (Russia)

12:50–13:35 Master class supported by Philips. The Fractional Flow Reserve in Optimising Complex PCI amid the Pandemic (Part 1)

EMERALD HALL

Moderators: Ricardo Petraco (United Kingdom), Yuri Matchin (Russia), Zaurbek Shugushev (Russia)

12:50-13:10

Fundamental lecture:
The ERA of fractional flow reserve and resting indices
Ricardo Petraco (United Kingdom)

13:10-13:30

Complex PCI amid the Pandemic: CathLab Experience Gained in a Specialised Clinical Centre
Yuri Matchin (Russia)

13:30–13:35

Discussion

13:40-14:25 Master class supported by Philips. FFR in Optimising Complex PCI amid the Pandemic (Part 2)

EMERALD HALL

Modrators: Ricardo Petraco (United Kingdom), Yuri Matchin (Russia), Zaurbek Shugushev (Russia)

13:40-13:55

Complex PCI amid the Pandemic: The UK Experience
Ricardo Petraco (United Kingdom)

13:55-14:10

Complex PCI amid the Pandemic: Multi-Specialty Clinical Centre Experience
Zaurbek Shugushev (Russia)

14:10-14:25

Discussion

14:30–15:15 Instrumental Theater supported by Philips. Philips Technologies for Diagnostics and Treatment of Cardiac and Peripheral Vascular Diseases

EMERALD HALL

Moderators: Ivan Guryanov (Russia), Svetlana Grzhibovskaya (Russia), Sergey Anisimov (Russia)

Station with a laser simulator
Ivan Guryanov (Russia)

Thromboaspiration station
Svetlana Grzhibovskaya (Russia)

IVUS and iFR station
Sergey Anisimov (Russia)

15:20–16:20 Discussion club supported by Cardiomedics. Endovascular Technologies in CAD Diagnostics and Treatment

EMERALD HALL

Moderators: Bagrat Alekyan (Russia), Sergey Abugov (Russia)

Participants: Igor Ziryanov (Russia), Konstantin Polyakov (Russia), Dmitriy Stolyarov (Russia), Anton Staferov (Russia)

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| 15:20-15:35 | Synergy Megatron – a position of the specialized coronary stent in left main stem PCIs
Evgeny Merkulov (Russia) |
| 15:35-15:45 | Precise stents implantations in a patient with MVD using SPAS
Artem Komkov (Russia) |
| 15:45-16:05 | PCI in CTOs: current evidence and methodology
Oleg Krestyaninov (Russia) |
| 16:05-16:20 | IVUS in PCI: what can we see and how to apply it in clinical practice?
Zaurbek Shugushev (Russia) |

16:25–17:25 Discussion club supported by Terumo. Ultimaster Tansei is Your Reliable Partner in Bifurcation PCI Routine Practice

EMERALD HALL

Moderators: Thierry Lefevre (France), Bagrat Alekyan (Russia)

Participants: Bernard Chevalier (France), Oleg Krestyaninov (Russia)

Review of bifurcated stenting case, including Ultimaster Tansei advantages and clinical data :

- Presenting the product

- Clinical data on E-Ultimaster
- Practical suggestions and advice: bifurcation model

ENDOVASCULAR TREATMENT OF AORTA AND PERIPHERAL ARTERY PATHOLOGIES

17:30–17:55 Expert interview supported by GE. The Present and Future of Aortic Endoprosthesis

EMERALD HALL

Expert: Staphan Haulon (France), President ESVS

17:55–18:05 Creative video supported by GE

EMERALD HALL

18:05–19:05 Discussion club supported by Cardiomedics. Novel technologies in chronic limb ischemia treatment

EMERALD HALL

Moderators: **Bagrat Alekryan (Russia), Zaza Kavteladze (Russia)**

Participants: **Narek Zakarian (Russia), Mikhail Cherniavskiy (Russia), Boris Rudenko (Russia), Alexei Mizin (Russia), Mikhail Movsesyantz (Russia)**

18:05-18:20	Endovascular atherectomy: a position of the technology in CLI. Sharing experience and recommendations for using the JetStream system Zaza Kavteladze (Russia)
18:20-18:25	Discussion
18:25-18:40	Paclitaxel-eluting stent ELUVIA. MAJESTIC, IMPERIAL, EMINENT trials: is the evidence sufficient? Mikhail Cherniavskiy (Russia)
18:40-18:45	Discussion
18:45-19:00	Ranger DCB device: a position of the technology in chronical limb ischemia interventions, clinical safety and efficacy Narek Zakarian (Russia)
19:00-19:05	Discussion

TRANSCATHETER STROKE TREATMENT

8:10–8:55 Master-class supported by CARDIOMEDICS. Endovascular technologies for stroke treatment: Sharing Experience

EMERALD HALL

Модераторы: **Dmitry Skrypnik (Russia), Dmitry Kandyba (Russia), Alexey Fedorchenko (Russia)**

- 8:10-8:25 Stroke Center experience in 2021: My recommendations on device and technique choice through typical and non-typical clinical cases
Dmitry Skrypnik (Russia)
- 8:25-8:40 Endovascular thrombectomy complications: how to avoid problems and come off as a winner in complicated cases?
Dmitry Kandyba (Russia)
- 8:40-8:55 The Stroke center of the Krasnoyarsk Regional Clinical Hospital No. 1 working algorithm: organizational and methodological aspects
Nikita Litvinyuk (Russia)

TCI IN CONGENITAL HEART AND STRUCTURAL DISEASES

9:00–9:45 Instrumental Theater supported by Abbott. Vessel Closure and Treatment of Lower Limb Artery Diseases

EMERALD HALL

Peripheral stent Supera. Device and Implanting Technique Demo. Practical exercise

moderator: Mikhail Kapustinskiy (Russia)

Vessel closure device Perclose Proglide. Device and Implanting Technique Demo. Practical exercise

moderator: Anna Sukhina (Russia)

9:50–10:50 Discussion club the Russian Scientific Society of Endovascular Therapies, RF Pediatric Cardiology

Association and RF Pediatric Cardiovascular Surgery Association. Tetrada Fallo Pending Issues

EMERALD HALL

Moderator: Ruben Movsesyan (Russia)

Participants: Roman Tarasov (Russia), Igor Kovalev (Russia), Natalia Borisova (Russia)

9:50–10:05	Cardiology Issues of Tetrada Fallo Treatment in Children: Modern Guidelines and Controversies Igor Kovalev (Russia)
10:05–10:10	Discussion
10:10–10:25	Is the RV Outflow Tract in Tetrada Fallo Stenting a Worthy Alternative to AP Bypass Graft? Roman Tarasov (Russia)
10:25–10:30	Discussion
10:30–10:45	PA Valve Transcatheter Prothesis in Children After Tetrada Fallo Surgery: Modern Perspective Natalia Borisova (Russia)
10:45–10:50	Discussion

10:55–11:20 Expert interview supported by Philips. TCI in Congenital Heart Disease

EMERALD HALL

Moderator: Karen Petrosyan (Russia)

Extended Imaging Techniques in CHD Endovascular Treatment
Expert: Adam Kolesnik (Poland)

PERCUTANEOUS CORONARY INTERVENTIONS

11:25–12:25 Discussion club supported by Philips. Fiat lux! Laser Atherectomy in CA Chronic Total Occlusions

EMERALD HALL

Moderators: Prokhor Pavlov (Russia), Anatoliy Larionov (Russia)

Participant: Peter O’Kane, the UK

11:25-11:40	Excimer laser system in PCI Prokhor Pavlov (Russia)
11:40-11:55	Laser atherectomy in contemporary PCI: Making complex lesion therapy simpler Peter O’Kane (United Kingdom)
11:55-12:10	Fiat lux! Debulking in Occlusions and Restenosis Anatoliy Larionov (Russia)
12:10-12:25	Discussion

12:30–13:30 Discussion club supported by GE. Endovascular interventions as the future of heart pathology treatment

EMERALD HALL

Moderator: **Sergey Abugov (Russia)**

Participants: **Ronac Rajani (United Kingdom), Evgeniy Shloydo (Russia), Igor Menkov (Russia), Marina Saidova (Russia), Roman Tarasov (Russia)**

12:30–12:35	Opening remarks Sergey Abugov (Russia)
12:35–12:50	Approaches to Patient Selection for TC Valve Implantation: Yesterday and Today Ronac Rajani (United Kingdom)
12:50–13:05	Clinical case review - TAVI Evgeniy Shloydo (Russia), Igor Menkov (Russia)
13:05-13:10	Discussion
13:10–13:25	Clinical case review - TMVI or MitraClip? Marina Saidova (Russia), Roman Tarasov (Russia)
13:25-13:30	Discussion

13:35–14:35 Discussion club supported by Medtronic. Multi-disciplinary approach to complex PCI

EMERALD HALL

Moderators: **P B Jayagopal (India), Praveen Chandra (India), Alexey Fedorchenko (Russia)**

Participants: Jayesh Prajapati (India), Sanjeev Sharma (India), Vishal Rastogi (India), R Anantharaman (India), Alexey Protopopov (Russia), Armen Ter-Akopyan (Russia), Temur Kislukhin (Russia), Igor Ziryanov (Russia), Igor Kochanov (Russia)

13:35-13:37	Session objectives Pravin Chandra (India)
13:37-14:07	Surgery live broadcast : Complex High-Bleeding Risk PCI
14:07-14:17	HBR Precision Angioplasty S.R. Reddy (India)
14:17-14:32	HBR Prognosis and Result Optimisation Girish Navasundi (India)
14:32-14:35	Discussion

14:40–15:05 Expert interview supported by Philips. Intravascular imaging in venous interventions: Controversies

EMERALD HALL

Moderator: Alexei Pankov (Russia)

Expert: Olga Porembskaya (Russia)

15:10–15:55 Master class supported by Abbott on OCT-assisted intravascular imaging

EMERALD HALL

Moderator: Goar Arutyunyan (Russia)

15:10–15:15	Opening remarks Alexandra Egorova (Russia)
15:15–15:50	Demo of clinical cases and supplies; individual simulator exercises; Q&A Alexandra Egorova (Russia), Maria Castellanos Parra (Abbott, UAE)
15:50–15:55	Summary Goar Arutyunyan (Russia)

16:00-17:00 Discussion club supported by Astra Zeneca. Pending Issues of Anti-Platelet Therapy

EMERALD HALL

Moderator: **Dmitry Skrypnik (Russia)**

16:00-16:10 P2Y12-inhibitor is that of choice. How to avoid bleeding risk overestimate?

Zaurbek Shugushev (Russia)

16:10-16:20 Post-MI 366th Day: Past, Future and the Heart Comforter

Anna Kalinskaya (Russia)

16:20-16:30 Clinical Case Review

Viktor Mayskov (Russia)

16:30-16:40 Endovascular Surgeon's Choice of DAPT and Enhanced Compliance to Treatment

Dmitry Skrypnik (Russia)

16:40-17:00 Discussion

17:00–17:45 Master-class supported by Cardiomedics / Boston Scientific. Physiological assessment of coronary blood flow: algorithms for clinical practice

EMERALD HALL

Moderators: **Oleg Krestyaninov (Russia), Evgeny Merkulov (Russia), Dmitry Stolyarov (Russia)**

17:00-17:20 Application area for the physiological assessment of coronary blood flow: assessment of PCI results and diagnostic workflow in multivessel disease

Zaurbek Shugushev (Russia)

17:20-17:40 FFR and non-hyperemic indices in physiological assessment of coronary blood flow: the algorithm for measuring and clinical application

Igor Kochanov (Russia)

17:40-17:45 Discussion

17:45–18:30 Master class supported by Siemens. Hybrid operating room in a modern Cath Lab

EMERALD HALL

Moderator: **Alexey Protopopov (Russia)**

18:25-18:30	Discussion
17:45-17:50	Opening remarks Alexey Protopopov (Russia)
17:50-18:05	Modern Hybrid Operating Room at Cath Lab - Necessity or Overkill? Nikita Litvinyuk (Russia)
18:05-18:25	Work of a multidisciplinary team in a hybrid operating room - a clinical case Nikita Litvinyuk (Russia)

TRANSCATHETER CARDIAC VALVE TREATMENT

18:30–19:15 Master class supported by Cardiomedics / Boston Scientific. TAVI utilizing Acurate Neo TF System: analysis of clinical cases

EMERALD HALL

Модераторы: **Timur Imaev (Russia), Alexey Fedorchenko (Russia), Oleg Krestyaninov (Russia), Igor Kochanov (Russia)**

18:30-18:45	TAVI clinical cases with Acurate Neo TF System: reports from National Medical Scientific Center of Cardiology Timur Imaev (Russia)
18:45-19:00	TAVI clinical cases with Acurate Neo TF System: reports from National Medical Scientific Center named after V.A. Almazov Dmitry Zubarev (Russia)
19:00-19:15	TAVI clinical cases with Acurate Neo TF System: reports from Khanty-Mansiysk – Ugra Regional Clinical Hospital Prokhor Pavlov (Russia)

Wednesday, November 24

ENDOVASCULAR TREATMENT OF AORTA AND PERIPHERAL ARTERY PATHOLOGY

8:10–8:55 Master class supported by Cardiomedics / Boston Scientific. Boston Scientific technologies for treatment of chronical limb ischemia: Sharing Experience

EMERALD HALL

Moderators: Zaza Kavteladze (Russia), Mikhail Cherniavskiy (Russia), Alexey Mizin (Russia)

8:10-8:25 Endovascular Atherectomy: My experience in application of JetStream system and notable clinical cases from my practice
Sergey Platonov (Russia)

8:25-8:40 Drug Technologies: Complex CLI cases with application of Eluvia stent system
Sergey Danilenko (Russia)

8:40-8:55 Drug Technologies: Complex CLI cases with application of Ranger balloon catheter
Narek Zakarian (Russia)

9:00–9:45 Master Class supported by Philips. Philips angiography system navigation in aortic interventions

EMERALD HALL

Surgery record broadcast from the Cardiology Centre MH RF

moderators: Timur Imaev (Russia), Petr Lepilin (Russia)

09:50–10:50 Discussion club supported by Philips. Philips angiography system navigation in aortic interventions

EMERALD HALL

Moderators: Timur Imaev (Russia), Petr Lepilin (Russia), Timur Khafizov (Russia)

Intra-OP Navigating System Modalities in Aorta and Branch Surgery (case review)

10:55–11:40 Instrumental Theater supported by Philips. Philips technologies for pre-op planning and intre-op navigation in aortic TCI. Live broadcast from the Philips excellence centre

EMERALD HALL

Moderator: Eric Buts (Netherlands)

Creative video online

11:45-12:30 Master class supported by Medtronic. Hostile neck endovascular treatment options

EMERALD HALL

Moderators: Timur Imaev (Russia), Sergey Abugov (Russia)

11:45-12:05 ChEVAR – parallel grafts technique for hostile neck treatment
Timur Imaev (Russia)

12:05-12:25 ESAR – endoanchor system for hostile neck treatment
Sergey Abugov (Russia)

12:25-12:30 Discussion

12:35–13:00 Expert interview supported by Abbott. Abbott Vascular technologies in Russia: present and near future

EMERALD HALL

Abbott Vascular Development and Achievements: Product Lines, Research and Educational Projects, Policies, Plans and Innovations

Expert: Samih Al Mawass (Abbott Vascular, Belgium)

13:05–13:30 Expert interview supported by GE. Complex Endovascular Interventions in Peripheral Atherosclerosis

EMERALD HALL

CEI in PA: USI, CT-Image Superposition and Hybrid Operations

Expert: Nicolas Louis (France), Director of the Vascular and Endovascular Surgery Program, Franciscan Hospital

13:35–14:35 Master class supported by Philips. Philips solutions for peripheral artery lesions

EMERALD HALL

Moderators: Matthias Mende (Germany), Konstantinos Stavroulakis (Greece)

13:35-13:55	The science of laser atherectomy in peripheral artery lesions: indications and practical applications Matthias Mende (Germany)
13:55-14:15	Chronic Total Occlusions of Lower Limbs: Modern Solutions Konstantinos Stavroulakis (Greece)
14:15-14:35	Discussion

ENDOVASCULAR TREATMENT OF AORTA AND PERIPHERAL ARTERY PATHOLOGY

14:40-15:40 Discussion club supported by Medtronic. Drug-Eluting Balloons in the Treatment of Obliterating Atherosclerosis of Lower Limb Arteries

EMERALD HALL

Moderator: Zaza Kavteladze (Russia)

Participants: Simon Papoyan (Russia), Pavel Kuryanov (Russia)

14:40–14:45	Opening remarks Zaza Kavteladze (Russia)
14:45–15:00	DEB Use Efficacy and Safety in LLA OA: Clinical Studies Overview Zaza Kavteladze, Russia
15:00-15:15	DEB Application Results Simon Papoyan (Russia)
15:15-15:30	DEB Use Cost Effectiveness in KINK Treatment Pavel Kuryanov (Russia)
15:30-15:40	Discussion

NEUROINTERVENTIONS

15:45–16:45 Discussion Club supported by Cardiomedics / Boston Scientific. Endovascular treatment of acute ischemic stroke: regulatory and clinical issues

EMERALD HALL

Moderators: **Bagrat Alekyan (Russia), Dmitry Kandyba (Russia)**

Participants: **Alexander Savello (Russia), Alexey Protopopov (Russia), Alexander Arablinskiy (Russia), Anna Udovichenko (Russia)**

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| 15:45-15:55 | State-of-the-art approach to endovascular treatment of stroke: further development in Russia after inclusion of the technology in the reimbursement system

Dmitry Skrypnik (Russia) |
| 15:55-16:00 | Discussion |
| 16:00-16:10 | An overview of current Russian and foreign clinical guidelines for diagnostics and endovascular treatment in acute ischemic stroke

Alexander Savello (Russia) |
| 16:10-16:15 | Discussion |
| 16:15-16:25 | A practical use of the CT perfusion automatic analyzing system in a stroke center. The role and importance of the technology
Alexey Kostenikov (Russia) |
| 16:25-16:30 | Discussion |
| 16:30-16:40 | Modern approaches to the optimal thrombectomy technique and tools selection to achieve the best clinical outcomes
Dmitry Kandyba (Russia) |
| 16:40-16:45 | Discussion |

PERCUTANEOUS CORONARY INTERVENTIONS

16:45–17:10 Expert interview supported by SMT. Ultra-thin coronary stents in modern clinical practice

EMERALD HALL

Moderator: **Alexey Protopopov (Russia)**

Expert: **Patrick Serruys (Ireland)**

17:15-18:15 Discussion club supported by Medtronic. PCI in comorbidities: inter-disciplinary approach

EMERALD HALL

Moderator: **Sergey Abugov (Russia)**

Participants: **David Dundua (Russia), Karen Petrosyan (Russia)**

17:15–17:30	A Comorbid Patient in Intervention Cardiology Practice Sergey Abugov (Russia)
17:30–17:45	IHD in Cancer Patients: Cardiology Perspective David Dundua (Russia)
17:45–18:00	Clinical Case Review: PCI in comorbidities Karen Petrosyan (Russia)
18:00–18:15	Discussion