

**XIIIth Moscow International Course of Hybrid Surgery  
(MICHS-2022)  
Preliminary programme**

**28 March, 2022**

**10:00 Opening ceremony**

**10:00 – 11:30 Plenary session «20<sup>th</sup> anniversary of TAVI»**

**Faculty:** Minister of Healthcare Murashko M.A., acad. S.A. Boytsov, acad. R.S. Akchurin, acad. A.Sh. Revishvili, prof. Michael Borger

10:00 – 10:05 Greeting from Minister of Healthcare of Russian Federation Mikhail Murashko

10:05 – 10:10 Greeting from Co-Chairman of Conference, Director of Russian National Research Center of Cardiology acad. Boytsov S.A.

10:10 – 10:30 TAVI as gold standard in treatment of aortic stenosis  
Prof. Alan Cribie (France)

10:30 – 10:50 TAVI impact on contemporary aortic valve surgery  
Acad. Renat Akchurin (Russia)

**10:50 – 11:10 Revolution in heart valve therapy – 20 years of TAVI**

**Michael Borger (Germany)**

11:10 – 11:30 TAVI as an essential reality of cardiac surgery in 21<sup>st</sup> century  
Prof. Francesco Maisano (Italy)

*11:30 – 11:50 Coffee break*

*Lunch symposium by Medtronic*

**11:50 – 13:20 PCR session «Transcatheter mitral procedures: tips and tricks»**

**Faculty:** Bernard Prendergast, Francesco Maisano, Nina Wunderlich

1. How to obtain optimal result with Mitraclip: tips and tricks
2. Ultrasound navigation for an advanced user
3. Pitfalls of the procedure: how to keep staying at the safe side

*13:20 – 13:40 Coffee break*

*Lunch symposium by Abbott*

**13:40 – 15:10 PCR Focus Group Tricuspid session «Transcatheter tricuspid procedures: basic concepts, patient selection, and procedure at glance»**

**Faculty:** Bernard Prendergast, Francesco Maisano, Nina Wunderlich

1. Interventional anatomy of tricuspid valve
2. Patient selection for Triclip procedure (which patient will most likely benefit and which one definitely won't)
3. Triclip for the beginners: basic concept, procedure step-by-step and caveats

*15:10 – 15:20 Перерыв*

**15:20 – 15:50 Novel technologies for TAVI** (supported by Edwards Lifescience)

**Faculty:** Vinayak Bapat, Timur Imaev

**15:20 – 15:40 Sapien 3 vs. Sapien XT – what changed? Clinical results of PARTNER 3 study**

**Vinayak Bapat (USA)**

**15:40 – 15:50 TAVI experience with use of different valves and access**

Timur Imaev (Russia)

**15:50 – 17:30 Transcatheter heart valve therapy**

**Faculty:** Bagrat Alekyan, Vladlen Bazylev, Sergey Leontyev, Jan Kovac

15:50 – 16:00 TAVI in Russia

Bagrat Alekyan (Russia)

16:00 – 16:10 Experience with self-expanding transcatheter aortic valve Evolut R in Israel

Ariel Finkelstein (Israel)

**16:10 – 16:20 TAVI or SAVR: how to make the good choice**

**Sergey Leontyev (Germany)**

16:20 – 16:30 Cerebral anti-embolic protection during TAVI with Acurate Neo-2

Jan Kovac (UK)

*16:30 – 16:40 Translation from OR (transfemoral TAVI)*

16:40 – 16:50 Prevention of coronary obstruction in TAVI

Alexey Fedorchenko (Russia)

16:50 – 17:00 TAVI in Siberian region today

Dmitriy Stolyarov (Russia)

17:00 – 17:10 Long-time results of TAVI with use of THV with polymer cusps (MedlabKT)

Vladlen Bazylev (Russia)

17:10 – 17:20 TAVI in bicuspid valve – new horizons

Ksenya Kochkina (Russia)

17:20 – 17:30 Treatment strategies for patients with severe aortic stenosis and COVID-19

N. Kuzmin (Russia)

**17:40 – 17:40 Coffee break**

**17:40 – 19:00 Transcatheter treatment of mitral and tricuspid valve**

**Faculty:** Elena Golukhova, Amiran Revishvily, Francesco Maisano

17:40 – 17:50 Selecting the Right TMVR Patient

Francesco Maisano

17:50 – 18:00 Transcatheter mitral valve repair using Mitraclip device

Thilo Noack (Germany)

18:00 – 18:10 Triclip: state-of-the-art and future perspectives

Philipp Lurz (Germany)

18:10 – 18:30 Translation from OR (Mitraclip procedure)

18:30 – 18:40 Whom would I send for transcatheter mitral valve repair by now – a view of cardiac surgeon

Renat Muratov (Russia)

18:40 – 18:50 Mitral annuloplasty with use of Cardioband compared to the results of open surgery

Azeem Latib (USA)

18:50 – 19:00 First Russian experience of transcatheter edge-to-edge mitral repair

Alexey Komlev (Russia)

**29 March , 2022**

**10:00 – 11:30 Hybrid surgery of thoracic aorta**

**Faculty:** Renat Akchurin, Yuriy Belov

10:00 – 10:20 Progress and developments in aortic surgery

Acad. Yuriy Belov (Russia)

10:20 – 10:30 Recorded introduction presentation of ESVS President

Prof. Mauro Gargiulo (Италия)

10:30 – 10:40 Endovascular treatment of ascendant aorta

Timur Imaev (Russia)

10:40 – 10:50 Perspectives of open aortic surgery: European experience

Lazar Davidovich (Serbia)

10:50 – 11:00 Surgery of thoracic aorta

Alexander Tchernyavskiy (Russia)

11:00 – 11:10 Surgical treatment of aortic dissection type 1

Roman Komarov (Russia)

*11:10 – 11:30 Translation from OR*

**11:30 – 11:50 Coffee break**

**Lunch symposium by Philips**

**11:50 – 13:10 Hybrid procedures on aortic arch**

**Faculty:** Edward Tchartchyan, Alexander Tchernyavskiy

11:50 – 12:10 Endovascular and hybrid treatment of aortic arch aneurysms and dissection

Chang Shu (China)

12:10 – 12:20 Experience of domestic hybrid stent-graft

Edward Tchartchyan (Russia)

12:20 – 12:30 Endovascular options in treatment of aortic arch

Mikhail Tchernyavskiy (Russia)

12:30 – 12:40 Experience in TEVAR with hybrid stent-graft

Boris Kozlov (Russia)

12:40 – 12:50 Cerebral protection during total endovascular aortic arch repair with *in situ* fenestration

Marat Sharafutdinov (Russia)

12:50 – 13:00 Hybrid approach in simultaneous treatment of coronary and carotid lesions

Alexander Tchernyavskiy (Russia)

13:00 – 13:10 Hybrid aortic arch repair

Vladlen Bazylev (Russia)

13:10 – 13:20 Use of fenestrated stent-grafts at acute aortic syndrome

Timur Khafizov (Russia)

**13:20 – 13:40 Coffee break**

**Lunch symposium by Lifetech**

**13:40 – 14:40 Treatment of thoracoabdominal aortic aneurysms**

**Faculty:** Valeriy Arakelyan, Timur Imaev

13:40 – 13:50 Surgical treatment of megaorta

Edward Tchartchyan (Russia)

13:50 – 14:00 Multi-staged endovascular repair of thoracoabdominal aneurysms by fenestrated and branched endografts.

Gianluco Faggioli (Italy)

14:00 – 14:20 Gold standard of surgical treatment of thoracoabdominal aneurysms

Valeriy Arakelyan (Russia)

14:20 – 14:40 Endovascular repair of total aorta

Stephan Haulon (France)

**14:40 – 15:00 Coffee break**

**Lunch symposium by Medtronic**

**15:00 – 16:30 Endovascular abdominal aortic repair**

**Faculty:** Sergey Abugov, Andrey Tchupin

15:00 – 15:10 EVAR after 10 years from the start

Prof. Zaza Kavteladze (Russia)

15:10 – 15:20 Treatment of iliac aneurysms

Prof. Andrey Tchupin (Russia)

15:20 – 15:30 10-years results of EVAR

Prof. Andrey Karpenko (Russia)

15:30 – 15:50 *Translation from OR (EVAR)*

15:50 – 16:00 The use of biological conduits for the management of infected aortic grafts and endografts

Georgios Geroulakos (Greece)

16:00 – 16:10 10-year results of EVAR

Andrey Karpenko (Russia)

16:10 – 16:20 Contemporary visualization and navigation for TEVAR

Petr Lepilin (Moscow)

16:20 – 16:30 Staged treatment in patient with concomitant multivessel CAD and AAA

R. Yakubov (Russia)

**16:30 – 16:40 Discussion**