

**International Conference**  
**AMICS2017: MINIMALLY INVASIVE CARDIAC SURGERY AND**  
**SURGICAL ARRHYTHMOLOGY**  
**Dedicated to 60th anniversary of the first successful open heart surgery**  
**in USSR**

9-11 November 2017, Moscow

**Conference Agenda**

**Thursday, 09 November 2017**

**08.00 – 08.30 Registration of the participants**

**08.30 – 08.40 Conference Opening**

Opening remarks:

Director of the Vishnevskiy Institute of Surgery, President of the Russian Arrhythmology Society, Chief Surgeon of Russian Federation, academician A. Sh. Revishvili

**08.40 – 08.45 Case discussions**

**09.00 – 14.00 Live cases (broadcasting from the operating room)**

Surgical treatment of mitral valve disease and atrial fibrillation

**Session 1**

**Surgery at the crossroads**

**08.40 – 10.30**

Moderators: A.Sh. Revishvili, J. Cox, A.M. Karaskov, Yu.V. Belov, B. Mann

1. A.Sh. Revishvili “60th anniversary of the first successful open heart surgery in USSR in the Vishnevskiy Institute of Surgery” - 15 min
2. J. Cox “Innovations in cardiac surgery” - 15 min
3. A.M. Karaskov “Siberian school of cardiac surgery” - 15 min
4. Yu.V.Belov “Cardiac surgery in Petrovskiy Research Center for Surgery” - 15 min
5. B. Mann “Historic background and current structure of American Medical Education” - 15 min

Discussion 15 min

## **Session 2**

### **Surgery at the crossroads**

**10.30 – 11.45**

Moderators: B. Van Putte, G.G. Khubulava, Yu.P. Ostrovskiy, S.A. Kovalev, B. Mann, P. Starinieri

1. G.G. Khubulava “Petersburg school of cardiac surgery” - 15 min
2. Yu.P. Ostrovskiy “Cardiac surgery in Belarus” - 15 min
3. S.A. Kovalev “Cardiac surgery in Central Federal District” - 15 min

Discussion 10 min

## **Session 3**

### **Minimally invasive and hybrid surgery**

**11.45 – 13.30**

Moderators: B. Van Putte, G.G. Khubulava, Yu.P. Ostrovskiy, S.A. Kovalev, B. Mann, P. Starinieri

1. P. Starinieri “Minimally Invasive Cardiac Surgery and Minimally Invasive Extracorporeal Circulation” - 15 min
2. B. Van Putte “Minimally invasive and hybrid treatment for atrial fibrillation” - 15 min
3. B. Mann “Current Status of American Surgical Training” - 15 min

Discussion 10 min

**13.00 – 13.30 BREAK. Lunch**

**13.30 – 13.35 Case discussions**

**14.00 – 17.30 Live cases (broadcasting from the operating room)**

Endovascular treatment for atrial fibrillation with navigation mapping system

Bilateral thoracoscopic ablation for atrial fibrillation

Unilateral thoracoscopic ablation for atrial fibrillation

## **Session 4**

### **Endovascular therapies for valve diseases**

### **13.30 – 15.30**

Moderators: R.S. Akchurin, B.G. Alekryan, Y. Kovac, S. Goldman

1. R.S. Akchurin, T.E. Imaev “Transcatheter technologies — new step in aortic valve surgery” - 15 min
2. Y. Kovac “What’s new in TAVI” - 15 min
3. A.V. Protopopov “TAVI discussed by endovascular surgeon” - 15 min
4. S. Goldman “TAVI discussed by cardiac surgeon” - 15 min
5. B.G. Alekryan, N.G. Karapetyan “Update on transcatheter therapies for mitral and tricuspid valves” - 15 min

Discussion 15 min

### **Session 5**

#### **Treating complex coronary lesions**

### **15.30 – 17.30**

Moderators: B.G. Alekryan, R.S. Akchurin, S.A. Abugov, A.M. Chernyavskiy, V.A. Popov, A.V. Protopopov

1. Myocardial revascularization in patients with left main disease:  
B.G. Alekryan: Opinion of endovascular surgeon, 15 min  
A.M. Chernyavskiy: Opinion of cardiac surgeon, 15 min  
Discussion 10 min
2. Myocardial revascularization in patients with multivessel coronary disease:  
A.V. Protopopov: Opinion of endovascular surgeon, 15 min  
A.V. Bogachev-Prokofiev: Opinion of cardiac surgeon, 15 min  
Discussion 10 min

### **Friday, 10 November 2017**

**08.30 – 8.40 Case discussions**

**09.00 – 14.00 Live cases (broadcasting from the operating room)**

Aortic root reconstruction

Transcatheter aortic valve replacement

### **Session 6**

## **Mitral valve repair: what to do and how to do it?**

**08.40 – 10.30**

Moderators: A.Sh. Revishvili, P. McCarthy, D. Adams, G. Dreyfus, N. Ad

1. P. McCarthy “Mitral valve analysis: strategic assessment” - 15 min
2. D. Adams “Mitral valve repair: state of art” - 15 min
3. G. Dreyfus “Respect when you can, resect when you should: a realistic approach to mitral valve repair” - 15 min
4. P. McCarthy “Ablation Strategy, Appendage Management, and How to Monitor Maze Success in mitral valve repair” - 15 min
5. O.N. Kislitsina. “Regeneration of the Mitral Valve. Form Follows Function” - 15 min

Discussion 15 min

## **Session 7**

### **Professional challenge of minimally invasive mitral surgery**

**10.30 – 13.00**

Moderators: A.Sh. Revishvili, D. Adams, G. Dreyfus, N. Ad, S. Goldman, M. Castella

1. D. Adams “Mitral valve repair for anterior and bileaflet prolapse” - 15 min
2. G. Dreyfus “Should minimally invasive mitral surgery be the standard of care in 2017?” - 15 min
3. N. Ad “Troubleshooting in mini mitral” - 15 min
4. S. Goldman “Cannulation, cardioplegia, clamping and perfusion strategies” - 15 min
5. M. Castella “Minimally invasive concomitant atrial fibrillation surgery” - 15 min

Discussion 15 min

**13.00 – 13.30 BREAK. Lunch**

**13.30 – 13.40 Case discussions**

**14.00 – 17.30 Live cases (broadcasting from the operating room)**

Aortic root reconstruction

## **Session 8**

**Aortic valve repair: update**

### **13.40 – 15.30**

Moderators: K. Plestis, M. Castella, A.V. Bogachev-Prokofiev, E.V. Rosseykin, R.N. Komarov

1. M. Castella “Will mini aortic valve replacement become the gold standard?” - 15 min
  2. A.V. Bogachev-Prokofiev “Aortic root repair in patients with bicuspid aortic valve” - 15 min
  3. E.V. Rosseykin “Nonstandard operations on the aortic root” - 15 min
  4. R.N. Komarov “Aortic root repair: trends and prospects” - 15 min
  5. K. Plestis “Aortic Valve Sparing Procedure: State of Art” - 15 min
- Discussion 15 min

### **Session 9**

#### **Reconstructive and minimally invasive cardiac surgery: new technologies**

### **15.30 – 17.30**

Moderators: K. Plestis, E.R. Charchyan, B.N. Kozlov, A.M. Chernyavskiy, I.I. Chernov

1. K. Plestis “Should we do minimally invasive aortic root surgery?” - 15 min
2. E.R. Charchyan “Pitfalls and risks of hybrid treatment for thoracic aorta” - 15 min
3. B.N. Kozlov “Combined protection of brain and spine cord in hybrid treatment for thoracic aorta” - 15 min
4. A.M. Chernyavskiy “Surgical treatment for postembolic pulmonary hypertension” - 15 min
5. I.I. Chernov «Minimally invasive concomitant reconstruction of mitral and aortic valves» - 15 min
6. J. Sauer “Challenges Facing the Advancement of Contemporary Cardiac Surgery” - 15 min

Discussion 15 min

## **Saturday, 11 November 2017**

**08.30 – 8.40 Case discussions**

**09.00 – 14.00 Live cases (broadcasting from the operating room)**

Mitral valve repair

## **Session 10**

### **State of Art in Atrial Fibrillation Surgery**

#### **08.40 – 10.30**

Moderators: A.Sh. Revishvili, J. Cox, S. Benussi, N. Ad, M. Castella, C. Muneretto

1. J. Cox “Evolution of the modern treatment of atrial fibrillation” - 15 min
2. S. Benussi “Non-pharmacological treatment of atrial fibrillation: scientific evidence and present guidelines” - 15 min
3. N. Ad “Treatment strategy for atrial fibrillation: how can we improve outcome” - 15 min
4. F.G. Rzaev “Endovascular therapies for persistent atrial fibrillation: do we have a reason to be optimistic in 2017?” - 15 min
5. M. Castella “Totally thoracoscopic surgery of atrial fibrillation” - 15 min
6. C. Muneretto “Is the hybrid approach the best option for atrial fibrillation treatment?” - 15 min

Discussion 15 min

## **Session 11**

### **Pitfalls and challenges in atrial fibrillation surgery**

#### **10.30 – 13.00**

Moderators: A.Sh. Revishvili, T. Nitta, P. McCarthy, N. Ad, T. Weimar, S. Benussi

1. A.Sh. Revishvili “Catheter and surgical ablation for atrial fibrillation: can those be performed by a single operator?” - 15 min
2. T. Nitta “Why do we need atrial mapping” - 15 min
3. P. McCarthy “Concomitant atrial fibrillation surgery in patients with atrial dilation. Worth the effort?” - 15 min
4. T. Weimar “Left atrial appendage management” - 15 min
5. S. Benussi “Hybrid epicardial and endocardial ablation of atrial fibrillation” - 15 min
6. T. Nitta “What does an EP cardiologist need from surgeon” - 15 min

Discussion 15 min

**13.00 – 13.30 BREAK. Lunch**

**13.30 – 13.40 Case discussions**

## **14.00 – 17.30 Live cases (broadcasting from the operating room)**

Mitral valve repair

### **Session 12**

#### **Myocardial revascularization: where are we going?**

##### **13.40 – 15.30**

Moderators: H. Balkhy, F. Sutter, K.O. Barbukhatti, I.V. Zhbanov, V.V. Bazylev

1. H. Balkhy “Robotic totally endoscopic coronary bypass” - 15 min
2. F. Sutter “Hybrid coronary revascularization in 2017” - 15 min
3. K.O. Barbukhatti “LAD in CAD surgery” - 15 min
4. I.V. Zhbanov “Arterial revascularisation after the ART trial” - 15 min
5. V.V. Basylev “Optimizing coronary artery bypass grafting” - 15 min

Discussion 15 min

### **Session 13**

#### **New trends and technologies in cardiac surgery**

##### **15.30 – 17.30**

Moderators: H. Balkhy, C. Muneretto, F. Sutter, M.L. Gordeev, A.V. Evtushenko, V.A. Popov

1. H. Balkhy “Robotic cardiac surgery in progress” - 15 min
2. C. Muneretto “Sutureless Aortic Valves: are they gaining ground on TAVI” - 15 min
3. M.L. Gordeev “Surgical treatment of mitral insufficiency: timing and approaches” - 15 min
4. A.V. Marchenko “Minimally invasive techniques in Sukhanov Federal Cardiovascular Surgery Center” - 15 min
5. A.V. Evtushenko “Surgical treatment for hypertrophic cardiomyopathy” - 15 min
6. V.A. Popov “CABG vs PCI vs Hybrid: review of the latest evidence” - 15 min

### **17.30 Closing ceremony**

Closing remarks:

Director of the Vishnevskiy Institute of Surgery, President of the Russian Arrhythmology Society, Chief Surgeon of Russian Federation, academician A.Sh. Revishvili

