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<th>Time</th>
<th>Alexandrovsky hall 3+4</th>
<th>Alexandrovsky hall 1+2</th>
<th>Ekaterinisky hall 2</th>
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<td>School of aortic root surgery. 50 years Ross operation. Part 1. Live surgery</td>
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<td>Surgical video festival (esophagectomy)</td>
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<td>Coffee-break</td>
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<td>15.30 – 18.00</td>
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<td>Nightmares of cardiothoracic surgeon</td>
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<tr>
<td>09.00 – 10.45</td>
<td>Poster session and discussion</td>
<td>Interactive poster discussion</td>
<td>Infections in thoracic surgery</td>
<td>Symposium of Nurses’ Association</td>
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17.06.2017

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**Round table** ("unusual" pneumothorax). Complications of the chronic obstructive pulmonary disease (COPD) and an emphysema in the practice of thoracic surgeons.

**Coffee-break**

**Lunch symposium:** Pacemaker infections

**15 JUNE**

**Alexandrovsky hall 3+4**

09.00 – 11.00 **ESTS school. Cancer of esophagus and cardia**

**Moderators:** Massard G., Filosso P.-L., Yablonsky P.

1) Staging and multi-modality treatment: when and how ?
2) Endoscopic treatment
3) Surgical strategy: level of resection and choice of conduit (Batirel H.)
4) Minimally invasive esophagectomy: technique and results extreme situations (D’Journo B.)

11.00 – 12.00 **Surgical video festival (esophagectomy)**

12.15 – 14.00 **ESTS school. Evidence based management of thoracic surgical patients**

**Moderators:** Massard G., Filosso P.-L., Yablonsky P.

1) Guidelines for assessment of pulmonary function (Filosso P.-L.)
2) Cardiac operability (Polyakov I.)
3) BTS guidelines for management of pulmonary nodules (Massard G.)
4) How can we distinguish tuberculoma from T1 lung cancer (Yablonsky P.)
5) Quality of life and patient safety: is it an issue? (Lardinois D.)
14.00 – 15.00 Surgical video festival (segmentectomy)

Alexandrovsky hall 1+2+3+4

15.30 – 18.00 Nightmares of cardiothoracic surgeon
Moderators: Harringer W., Pischik V., Rosseikin E.
1) Treatment possibilities of Graft Infection after TEVAR (Popov P.)
2) Shrestha M. - to be announced
3) Yablonskiy P. - to be announced
4) Underwood - to be announced
5) Belorussia - to be announced

Alexandrovsky hall 1+2

09.00 – 12.00 School of Aortic Root Surgery. 50 Years Ross Operation. Part 1. Live Surgery
Moderators: Shrestha M., Belov Yu./Charchyan E.
1) Ross Procedure (Karasikov A.)
2) Bentall Procedure (Gordeev M.)
3) David Procedure (Barbakhati K.)

12.15 – 14.00 School of Aortic Root Surgery. 50 Years Ross Operation. Part 2. Video Session
Moderators: Mestres, Karasikov A., Gordeev M.,
1) Past, Present and why am I still Doing it? (Karasikov A.)
2) Root Surgery for Endocarditis (Mestres)
3) Minimally Invasive Aortic Root Surgery (Shrestha M.)
4) Aortic Valve Replacement with Autologous Tissue – Technical Details of Osaki Procedure (Rosseikin E.)
5) Florida Sleeve Procedure (Belov Yu./Prof. Charchyan E.)
16 JUNE

Alexandrovsky hall 3+4

09.00 – 10.45  Poster session and discussion

13.15 – 14.15 Working group of main specialist in thoracic surgery of Russian Ministry of health

14.15 – 16.00 Lung cancer: controversial and unresolved issues
Moderators:
1) Oligomethastatic lung cancer: is there any place for surgery.
2) Stereotactic radiotherapy is a replacement for surgery or a field for cooperation.
3) What we need to staging of the lung cancer? How should to be change the management?
4) Surgery of "suspicous" lung neoplasms without verification. Adventurism or saving of state funds?
5) Neoadjuvant chemotherapy in modern conditions and evidence: to whom, when, and how it affects subsequent surgical treatment.

16.15 – 18.15 Trauma of chest

Alexandrovsky hall 1+2+3+4

11.00 – 13.00 Plenary session: Guidelines and registries for quality control in cardiothoracic surgery
Moderators: Uva, Massard G., Harringer W., Yablonsky P., Haverich A., Ревишвили А.Ш., Хубулава Г.Г.
1) Uva - to be announced
2) Harringer W. - to be announced
3) Haverich A. - to be announced
4) Massard G.- to be announced
5) Yablonsky P. - to be announced
Alexandrovsky hall 1+2

09.00 – 10.45 Interactive Poster Discussion
Moderators: Haverich A., Ostrovsky Yu.

13.15 – 14.15 Lunch Symposium. Minimally Invasive Mitral Valve Surgery
Moderators: Tudorache I., Bogachev-Prokofiev A., Chernov I.
1) How to Start the Programm (Bogachev-Prokofiev A.)
2) Technical Aspects of Minimally Invasive Surgery (Chernov I.)
3) What Can I Do Minimally Invasive (Tudorache I.)

14.15 – 16.00 Modern Approaches in Aortic Surgery
Moderators: Belov Yu., Cherniavskiy A., Underwood
1) Cherniavskiy A. - to be announced
2) Belov Yu./Charchyan E. - to be announced
3) Rosseikin E. - to be announced
4) Underwood - to be announced
5) Barbukhatti K.- to be announced
6) Shrestha M./Mestres

16.15 – 18.15 How to Improve Bypass Graft Durability: 50 Years of Experience
Moderators: Favaloro R., Schneider Yu., Bazylev V.
1) 50 Years of Venous Bypass Graft: Myths and Reality (Favaloro R.)
2) Over 60 Years of Arterial Graft: Current Standard (Schneider Yu.)
3) to be announced (Bazylev V.)
4) Hybrid Myocardial Revascularization in 2017 (Popov V.)
5) Coronary Artery Reconstruction: Endarterectomy as a Solution for Diffuse Coronary Lesions (Akchurin R.)
6) How Can We Improve Bypass Graft Durability: Pathomorphological Insights (Haverich A.)
Ekaterinisky hall 2

09.00 – 10.45 **Infections in thoracic surgery**

14.15 – 16.00 **Robots in cardiothoracic surgery**

**Moderators:**

1) The general concept of robotic thoracic surgery (Melfi F.)
2) Robotic thymectomy as a modern standard of thymus surgery (Ruckert J.)
3) Robotic esophagus surgery - advantages and disadvantages (Park B.)
4) Features of robotic lobectomy in tuberculosis (Yablonsky P.)
5) Robotic operations in cardiac surgery

16.15 – 18.15 **Surgery of thymus gland diseases: modern standards in the world and in Russia**

**Moderators:**

1) Surgery of thymus gland: Moscow school, the largest Russian experience (Ippolitov L., Vetshev).
2) Minimally invasive surgery of the thymus gland: view from St. Petersburg, 20 years of experience. (Pischik V., Yablonsky P.)
3) Surgery of tumors of the thymus: a view from Kazan. (Sigal E.I.)
4) Principles of myasthenia gravis surgery: evolution of the view on thymectomy technique (Ruckert J.)
5) The principles of thymus surgery: the evolution of the ideas of staging, classification and surgical technique
17 JUNE

**Alexandrovsky hall 1+2+3+4**

09.00 – 11.00 **Plenary Session: Pulmonary Embolism – 110 Years after Trendelenburg Operation**

**Moderators**: Pretorius, Jenkins D., Akchurin R., Cebotari S.

1) Pulmonary Embolism: Introduction (Cebotari S.)
2) Development of CTEPH Program (Pretorius)
3) Pulmonologist’s Point of View: Therapeutical Options / Thrombolysis (Tchazova)
4) Surgical Aspects of Pulmonary Endarterectomy (Jenkins D.)
5) Novosibirsk Experience in CTEPH Surgery (Cherniavskiy A.)
6) Endovascular Point of View: Balloon Angioplasty (Meyer)

**Alexandrovsky hall 3+4**

11.15 – 13.00 **Trauma of the esophagus**

**Moderators**:  
2) Scarring stricture after burns of the esophagus Indications for surgical treatment and results.  
3) Boerhaave’s syndrome: strategy of the operative treatment, suturing, esophagectomy.  
4) Boerhaave's syndrome: Is there a place for stenting and conservative treatment?  
5) Endoscopic trauma of the esophagus - what should be done?  
6) Foreign bodies of the esophagus.

14.00 – 16.00 **Surgery of "complex" and complicated tracheal diseases (Symposium by memory of Levashov Yu.N.)**

**Moderators**:  
1) Surgery of multilevel cicatricle stenosis of the trachea.  
2) Tracheo-laryngeal resections and operations on the larynx with resection of the trachea.  
3) Stenosis of the trachea in the cervico-thoracic field: when we should perform the sternotomy?  
4) Features of the surgery of tracheoesophageal fistula.  
5) Surgical interventions for tumors of the trachea.
11.15 – 13.00 **Heart Transplantation: 50 Years of Experience**

**Moderators:** Hetzer, Gautier S., Ostrovskiy Yu.

1) History of Heart Transplantation (Hetzer)
2) How to Improve Patient Survival in Waiting List (Gordeev M.)
3) Mechanical Support as Bridge to Transplantation (Ostrovskiy Yu.)
4) Long Term Results after Heart Transplantation – Russian Experience (Gautier S.)
5) Heart Transplantation after Left Ventricular Assist Device Therapy (Cherniavskiy A.)
6) Transmedics

13.00 – 14.00 **Lunch Symposium: Pacemaker Infections**

**Moderators:** Popov V., Khubulava G., Kühn

1) Therapy Strategies in Pacemaker Infection (Popov V.)
2) Laser Electrode Extraction in Endocarditis (Kühn)
3) Open Heart Surgery for Electrode Extraction in Endocarditis (Khubulava G.)

14.00 – 16.00 **Atrial Fibrillation in Cardiac Surgery**

**Moderators:** Revishvili A., Cherniavskiy A.

1) Multidisciplinary approach in surgical AF Treatment (Revishvili A.)
2) Surgery for isolated AF
3) When and how to Do the Combined Ablation during Mitral Valve Surgery (Bogachev-Prokofiev F., Yevtushenko)
4) When and how to Do the Combined Ablation during Bypass Surgery (Cherniavskiy A., Popov)
5) Conservative Perioperative Therapy for AF in Cardiac Surgical Patients
6) Left Atrium Appendage: when and how to Resect? (Chernov I.)
11.15 – 13.00 Round table ("unusual" pneumothorax). Complications of the chronic obstructive pulmonary disease (COPD) and an emphysema in the practice of thoracic surgeons

Moderators:
1) Endometriosis-associated pneumothorax (Obornev A.D.)
2) Pneumothorax in medical manipulations: when treatment is worse than complications.
3) Secondary pneumothorax with disseminated processes in the lung: what to treat and how to choose the strategy of anti-relapse treatment.
4) Treatment of relapses of pneumothorax after the conducted anti-relapse treatment.
5) The reduction of lung volume: Minimally invasive treatment loses outdoor operations ?!