

THURSDAY, SEPTEMBER 17, 2015

08.00 – 09.00 Registration

09.00 – 09.50 OPENING CEREMONY

Chairs: **Nevin Nanda (USA)** – President, International Society of Cardiovascular Ultrasound
Maria Prokudina (Russia) – President, International Foundation for Development of Medical Science and Education “Healthy Heart”

OFFICIAL GREETINGS

Presidium: **Olga Kazanskaya** – Vice-Governor of St. Petersburg
Valery Kolabutin – Chairman of the Health Committee of St. Petersburg
Otari Khurtsilava – Rector of North-Western State Medical University named after I.I. Mechnikov
Andrei Belskikh – Head of the S. M. Kirov Military Academy
Evgeny Shlyakhto – Chief Cardiologist of St. Petersburg and North-West Russia, Director of North-Western Federal Medical Research Center
Gennady Khubulava – Chief Cardiac surgeon of St. Petersburg and North-West Region of Russia

PRESENTATION OF CERTIFICATE TO DOCTORS OF ST.PETERSBURG AND NORTH-WEST REGION OF RUSSIA ON THE CLINICAL TRAINING

9.50 – 10.30 OPENING LECTURES

9.50 – 10.10 **Eugeny Shlyakhto (St.Petersburg, Russia)**
Translational research in cardiology.

10.10 – 10.30 **Nevin Nanda (USA)**
Recent advances in echocardiography.

10.30 – 11.00 Coffee-break

11.00 – 12.30 I. ISCHEMIC HEART DISEASE

- Chairs:** **Masood Ahmad (USA)**
Maria Prokudina (Russia)
- 11.00 – 11.20 M. Prokudina (St.Petersburg, Russia) (Invited Lecture)**
Selection of patients for cardiac surgery: advantages and disadvantages of exercise echocardiography.
- 11.20 – 11.40 M. Ahmad (USA) (Invited Lecture)**
3D strain echocardiography in patients with coronary artery disease.
- 11.40 – 12.00 A. Boshchenko (Tomsk, Russia) (Invited Lecture)**
Transthoracic echocardiography in the assessment of main coronary arteries: a real diagnostic tool or fun in the researcher's hands?
- 12.00 – 12.10 E. Zhuchkova, S. Mamchur, I Mamchur, N. Bokhan (Kemerovo, Russia)**
Is it possible to use transthoracic echocardiography for imaging internal mammary coronary bypass grafts imaging and for evaluation of antianginal therapy in the short-time period after revascularization?
- 12.10 – 12.20 T. Polykova, S. Tsygelnikov, I. Pets, V. Pshenichnykh (Moscow, Russia)**
Diagnosis and surgical repair of left ventricular posterior wall aneurysm: clinical experience.
- 12.20 – 12.30 E. Bobrova, M. Prokudina, E. Shloido (St.Petersburg, Russia)**
Diagnosis of transient myocardial ischemia: is coronary angiography the “gold standard”? (clinical case).

12.30 – 13.30 Break. Visit posters and exhibition.

13.30 – 15.30 II. AORTIC DISEASE

- Chairs:** **John Elefteriades (USA)**
Alexandr Vrublevsky (Russia)
- 13.30 – 13.50 J. Elefteriades (USA) (Invited Lecture)**
Imaging and other controversies in Thoracic Aortic

Disease.

- 13.50 – 14.10** **A. Vrublevsky (Tomsk, Russia) (Invited Lecture)**
TEE in the diagnosis of thoracic aorta pathology.
- 14.10 – 14.30** **K. Aggarwal (USA) (Invited Lecture)**
Role of Echocardiography in Transcatheter Aortic Valve Replacement (TAVR).
- 14.30 – 14.50** **V. Uspensky (St.Petersburg, Russia) (Invited Lecture)**
Bicuspid aortic valve and borderline ascending aortic dilatation: guidelines and clinical practice.
- 14.50 – 15.00** **I. Medvedeva, E. Dzybinskaya, A. Komlev, T. Imaev, M. Saidova, M. Lepilin, R. Akchurin (Moscow, Russia)**
Role of intraoperative transoesophageal echocardiography during implantation of strutless aortic valve bioprosthesis.
- 15.00 – 15.20** **M. Kowalski (Poland) (Invited Lecture)**
Strain/strain rate imaging- potential applications in valvular heart defects.

15.20 – 15.30 Discussion

15.30 – 16.00 Coffee-break. Get-together reception.

16.00 – 17.30 III. EMERGENCY CASES IN CARDIOLOGY: ROLE OF ECHOCARDIOGRAPHY

- Chairs:** **Hanumanth Reddy (USA)**
 Gennady Khubulava (Russia)
- 16.00 – 16.20** **H. Reddy (USA) (Invited Lecture)**
Cardiac thrombo-emboli.
- 16.20 – 16.40** **G. Khubulava (St.Petersburg, Russia)**
(Invited Lecture)
Infective endocarditis of right heart chambers.
- 16.40 – 17.00** **L. Bershtein (St.Petersburg, Russia) (Invited Lecture)**
Role of echocardiography in contemporary diagnostic algorithm of pulmonary embolism.
- 17.00 – 17.20** **V. Nikiforov (St.Petersburg, Russia) (Invited Lecture)**
The use of echocardiography in patients with acute cardiovascular disease.
- 17.20 – 17.30** **I. Konstantinov (St.Petersburg, Russia)**
Echocardiography in patients with cardiogenic shock.

FRIDAY, SEPTEMBER 18, 2015

09.00 – 11.00 IV. ECHOCARDIOGRAPHY IN CATH LAB AND OPERATING ROOM

- Chairs:** **Mikhail Alekhin (Russia)**
Viktor Nikiforov (Russia)
- 09.00 – 09.20** **M. Alekhin (Moscow, Russia) (Invited Lecture)**
Role of echocardiography in the management of patients with non-valvular atrial fibrillation.
- 09.20 – 09.40** **E. Khomenko (St.Petersburg, Russia) (Invited Lecture)**
Intraoperative transesophageal echocardiography: the multifunctional instrument.
- 09.40 – 10.00** **D. Zverev (St.Petersburg, Russia) (Invited Lecture)**
Efficacy of intraoperative transoesophageal echocardiography for the evaluation of atrial septal defect diameters during transcatheter occlusion.
- 10.00 – 10.10** **I. Tkachev, S. Kadrabulatova, D. Korzh, D. Tarasov (Astrakhan, Russia)**
Three- dimensional transesophageal echocardiography of atrial septal defects.
- 10.10 – 10.20** **S. Mamchur, E. Khomenko, I. Mamchur, N. Bokhan, E. Zhuchkova (Kemerovo, Russia)**
Intracardiac echocardiography and non-fluoroscopic navigation integration during ventricular tachyarrhythmia ablation procedures.
- 10.20 – 10.30** **S. Tabashnikova, A.Dmitrieva, E. Gerasimova (Chelyabinsk, Russia)**
Role of echocardiography in the endovascular closure of mitral paraprosthetic fistulas.
- 10.30 – 10.40** **M. Rybakova (Moscow, Russia) (Invited Lecture)**
A rare form of dissecting thoracic aortic aneurysm.
- 10.40 – 10.50 Discussion**
- 10.50 – 11.30 Coffee-break.**

11.30 – 13.30 V. CARDIOMYOPATHY

- Chairs:** **Rajendra Seth (USA)**
Vladimir Novikov (Russia)
- 11.30 – 11.50 R. Seth (USA) (Invited Lecture)**
Hypertrophic cardiomyopathy.
- 11.50 – 12.10 V. Novikov (St.Petersburg, Russia) (Invited Lecture)**
Differential diagnosis of intraventricular obstruction.
- 12.10 – 12.30 T. Novikova (St.Petersburg, Russia) (Invited Lecture)**
Arrhythmogenic cardiomyopathy. How do you make the diagnosis?
- 12.30 – 12.50 A. Kalinin (Latvia) (Invited Lecture)**
Takotsubo cardiomyopathy. There was a time, when I was so broken hearted...
- 12.50 – 13.10 A. Kuznetsov (St.Petersburg, Russia) (Invited Lecture)**
Left atrial size and function reflects a level of LV diastolic dysfunction.
- 13.10 – 13.20 I. Tyunyaeva, B. Mironkov, V. Zakharevich (Moscow, Russia)**
Role of diastolic dysfunction in the diagnosis of heart transplant vasculopathy.
- 13.20 – 13.30 Y. Alueva, T. Chumarnaya, V. Kochmasheva, O. Solovieva (Ekaterinburg, Russia)**
Features of left ventricular functional geometry in heart transplant patients in the early postoperative period.

13.30 – 14.30 Break. Visit posters and exhibition.

14.30 – 17.00 VI. VALVULAR HEART DISEASE

- Chairs:** **Marina Saidova (Russia)**
Edvard Malev (Russia)
- 14.30 – 14.50 S. Marchenko (St.Petersburg, Russia) (Invited Lecture)**
Mitral valve before and after surgery: 2D view of a 3D problem.
- 14.50 – 15.00 S. Kadrabulatova, Y. Anashkina, I. Arkhipova, D. Tarasov (Astrakhan, Russia)**

3D-echocardiographic evaluation of mitral valve anatomy in normal heart and in type 2 dysfunction.

15.00 – 15.10

E. Pavlysh, N. Gnevasheva, D. Doinikov (St.Petersburg, Russia)

3D-echo diagnosis of mitral valve lesion.

15.10 – 15.30

E. Malev (St.Petersburg, Russia) (Invited Lecture)

Quantification of ischemic mitral regurgitation.

15.30 – 15.50

P. Vogt (Switzerland) (Invited Lecture)

Should we operate on patients with asymptomatic, severe mitral regurgitation?

15.50 – 16.00

M. Uimanova, I. Borisov, V. Dalinin (Moscow, Russia)

Qualitative and quantitative echocardiographic evaluation of results of mitral valve repair.

16.00 – 16.30

M. Saidova (Moscow, Russia) (Invited Lecture)

Dysfunction of prosthetic valves: criteria for assessment and management.

16.30 – 17.00

Navin Nanda (USA) (Invited Lecture)

Echocardiographic Evaluation of Valvular Regurgitation: Pitfalls and Practical Tips (Mindray Echo workshop).

SATURDAY, SEPTEMBER 19, 2015

09.30 – 11.00 VII. NON-CORONARY HEART DISEASE

- Chairs:** Marina Rybakova (Russia)
Lyudmila Kuznetsova (Russia)
- 09.30 – 09.50** M. Rybakova (Moscow, Russia) (Invited Lecture)
Different variants of constrictive pericarditis.
- 09.50 – 10.10** L. Kuznetsova (Moscow, Russia) (Invited Lecture)
Tumor and pseudotumor lesions of the heart.
- 10.10 – 10.20** O. Surnina, N. Nikolaeva, V. Petukhova, I. Ponomareva,
V. Skobelina (Izhevsk, Russia)
Tumors of the heart.
- 10.20 – 10.40** S. Kuzmina-Krutetskaya (St.Petersburg, Russia) (Invited Lecture)
Adult congenital heart diseases: echocardiographic anatomy and approach to examination.
- 10.40 – 10.50** G. Sukhareva, I. Lebed, O. Kostritsova, E. Sakhno (Simpheropol, Russia)
Our experience in echocardiographic diagnosis of cardiac tumors in children: prenatal screening and postnatal outcomes.

10.50 – 11.00 Discussion.

11.00 – 11.30 Coffee-break.

11.30 – 13.20 VIII. NEW TECHNIQUES IN ECHOCARDIOGRAPHY

- Chairs:** Nevin Nanda (USA)
Vadim Kuznetsov (Russia)
- 11.30 – 11.50** D. Adams (USA) (Invited Lecture)
Going global: have echo will travel.
- 11.50 – 12.10** E. Pavlyukova (Tomsk, Russia) (Invited Lecture)
Left ventricular mechanics in left ventricular hypertrophy: strain, rotation, twist and untwist in patients with arterial hypertension.
- 12.10 – 12.30** V. Kuznetsov (Tyumen, Russia) (Invited Lecture)
Is there a place for echocardiography in cardiac

resynchronisation therapy?

12.30 – 12.50

A. Frumkin (Germany) (Invited Lecture)
Contrast Echocardiography in clinical practice.

12.50 – 13.00

T. Matanovskaya, E. Orekhova (Perm, Russia)
The implication of vector analysis of endocardial motion in the evaluation of left atrial function in patients with ischemic mitral regurgitation.

13.00 – 13.10

I. Sizova, K. Klyshnikov, E. Ovcharenko, N. Kondyukova, L. Barbarash (Kemerovo, Russia)
3D-reconstruction and quantification of mitral valve annulus in patients with ischemic heart disease and mitral regurgitation.

13.10 – 13.20 Discussion

13.20 – 13.50 IX. POSTERS DISCUSSION

Chairs:

Marina Rybakova (Russia)

Vladimir Novikov (Russia)

13.50 – 14.20 X. SUMMARY OF THE COMPETITION OF SCIENTIFIC WORKS AND CLOSURE OF THE CONGRESS.

Chairs:

Nevin Nanda (USA)

Maria Prokudina (Russia)