

# INTRAVASCULAR METHODS OF VISUALIZATION - 2019

Orenburg, hotel Hilton Garden Inn Orenburg, June 28-29, 2019

## Preliminary Agenda

### Directors

G. Mintz (USA)

A. Babunashvili (Moscow)

V. Demin (Orenburg)

A. Osiev (Moscow)

### Faculty

I. Buzaev (Ufa)

V. Ganyukov (Kemerovo)

R. Gil (Poland)

I. Zyryanov (Tyumen)

T. Kislukhin (Samara)

I. Kochanov (St. Petersburg)

E. Merkulov (Moscow)

A. Protopopov (Krasnoyarsk)

S. Semitko (Moscow)

### Day 1, 28.06.2019

08.30 – 09.20      Registration of the participants

09.20 - 10.00      Opening of the conference.

Chairmen: G. Zolnikova, A. Redyukov, I. Miroshnichenko, A. Babunashvili, V. Ganyukov, T. Kisluhin.

Greetings

Introduction

*V. Demin (Orenburg) - 15 min*

10.00 - 11.55      Session 1.

Chairs: A. Erglis, E. Regar, A. Babunashvili, P. Bolotov, V. Demin, N. Zakaryan

1. Celebrating 30 years of IVUS use in clinical practice.

*P. Bolotov - 20 min.*

2. Celebrating 20 years of OCT use in clinical practice.

*E. Regar (Switzerland) - 20 min*

3. The development of intravascular technology: failed and forgotten

*A. Babunashvili (Moscow) - 15 min*

4. Intravascular morphology and physiology - news and trends in recent years. Worldwide use.

*A. Erglis (Latvia) - 15 min*

5. The development of coronary stenting philosophy and intravascular imaging in Russia.

*P. Bolotov (Moscow) - 15 min*

6. Intravascular methods of visualization in Russia in 2016-2018

*N. Zakaryan (Moscow) - 15 min*

Questions and discussion - *15 min*

11.55 - 13.30      Session 2.

Chairs: Bing Liu, Pheng Chu, S. Semitko, A. Sozykin, A. Protopopov, Z. Shugushev.

7. EAPCI Consensus on clinical use of intracoronary imaging 2018-2019 (parts 1 and 2)

*A. Sozykin (Moscow) - 20 min*

8. The physical basis of existing and new methods of intravascular imaging.

*S. Semitko (Moscow) - 15 min*

9. IVUS, OCT and FFR in the treatment of left main lesions.

*Z. Shugushev (Moscow) - 15 min*

10. IVUS in chronic coronary occlusions.

*Pheng Chu (China) - 15 min*

11. Treating de novo coronary lesions with drug-coated balloons under OCT control.

*Bing Liu (China) - 15 min*

Questions and discussion - *15 min*

13:30–14:20 Lunch

14.20 - 15.45 Session 3.

Chairs: V. Ganyukov, V. Demin, A. Zholkovsky, A. Matchin, A. Osiev, S. Semitko

12. Co-registration of OCT and angiography: a step-by-step technique.

*D. Demin (Orenburg) - 20 min*

13. Co-registration of IVUS, FFR and angiography: a step-by-step technique.

*S. Dolgov (Orenburg) - 20 min*

14. Selecting the reference vessel diameter based on intravascular imaging: step-by-step technique.

*A. Osiev (Moscow) - 15 min*

15. Comparison of FFR and other methods for studying flow reserve: iFR, QFR, FFR<sub>CT</sub>, OFR

*A. Matchin (Moscow) - 15 min*

Questions and discussion - *15 min*

15.45 - 18.00      Session 4.

Chairs: Bing Liu, E. Regar, A. Erglis, I. Zyryanov, A. Matchin, A. Protopopov.

16. Long-term results of suboptimal stenting according to OCT.

*E. Regar (Switzerland) - 15 min*

17. IVUS and OCT: direct comparison in clinical studies

*A. Erglis (Latvia) - 15 min*

18. Combination of IVUS and OCT. Options and prospects.

*Bing Liu (China) - 15 min*

19. Virtual reconciliation of IVUS and OCT data. First experience and possible clinical benefit.

*V. Demin (Orenburg) - 15 min*

20. Using IVUS for aortic stent-graft implantation.

*A. Protopopov (Krasnoyarsk) - 15 min*

21. Per aspera ad astra. Promising and failed directions for intravascular imaging and physiology.

*G. Mintz (live from Washington, US) - 45 min*

Questions and discussion - *15 min*

18.00 - 18.30      Session 5 - Discussion - 1.

Participants: Bing Liu, E. Regar, A. Erglis, A. Babunashvili, P. Bolotov, V. Demin, A. Osiev, Z. Shugushev.

22. Where are we going, if we do?

*A. Osiev - 10 min*

18.30 - 18.35      Summary of the Day 1

*A. Protopopov, A. Osiev*

**Day 2, 29.06.2019**

08.00 - 08.40 PHILIPS Satellite Symposium

08.45 - 11.20 Session 6.

Chairs: P. Bolotov, I. Buzaev, A. Zholkovsky, V. Zelenin, D. Zverev, T. Kislukhin.

23. Hyperemia augmentation with borderline FFR values

*P. Podmetin (St. Petersburg) - 12 min*

24. The role of OCT and FFR in deciding for or against revascularization.

*A. Badoyan (Novosibirsk) - 12 min*

25.

*A. Zholkovsky (Rostov-on-Don) - 12 min*

26. Evaluation of coronary hemodynamics in aortic stenosis.

*D. Zverev (St. Petersburg) - 12 min*

27. Immediate and mid-term results of Calypso stent implantation: follow-up with intravascular imaging.

*D. Demin (Orenburg) - 12 min*

28. Long-term OCT results after ABSORB implantation

*M. Malevanny (Rostov-on-Don) - 12 min*

29. Vulnerable coronary plaque in patients with stable CAD: 12-month follow-up.

*N. Kochergin (Tyumen) - 12 min*

30. Vessel remodeling after coronary stenting in patients with acute coronary syndrome.

*A. Biryukov (St. Petersburg) - 12 min*

31. Our first experience with EchoNavigator system for ASD closure.

*I. Buzaev (Ufa) - 12 min*

32. ICA stenting with IVUS guidance.

*S. Mytsyk (Moscow) - 12 min*

33. Using optical coherent tomography for carotid artery stenting.

*V. Loenko (Dmitrov, Moscow Region)*

34. Restenosis after carotid endarterectomy: intravascular imaging.

*V. Zelenin (St. Petersburg) - 12 min*

Questions and discussion - *11 min*

11.20 - 12.45      Session 7.

Chairs: R. Gil, Pheng Chu, V. Ganyukov, V. Demin, I. Kochanov, E. Merkulov.

35. The disadvantages of OCT method.

*I. Kochanov (St. Petersburg) - 15 min*

36. The disadvantages of IVUS method.

*- 15 min*

37. The disadvantages of FFR and iFR methods.

*R. Gil (Poland) - 15 min*

38. Combination of IVUS and spectroscopy. Potential benefits and real results.

*I. Zyryanov (Tyumen) - 15 min*

39. Complications with intravascular imaging and physiology methods.

*A. Babunashvili (Moscow) - 15 min*

Questions and discussion - *10 min*

12.45 - 13.15      Session 8 - Discussion - 2.

Participants: I. Buzaev, V. Ganyukov, N. Zakaryan, I. Kochanov, E. Merkulov, A. Osiev, S. Semitko, A. Protopopov

40. Intravascular imaging for beginners or advanced users.

*E. Merkulov (Moscow) - 10 min*

13.15 - 13.25      Coffee break

13.25 - 14.35      Session 9.

Chairs: R. Gil, I. Kochanov, Yu. Matchin, S. Semitko, A. Sozykin, Z. Shugushev, x

41. IVUS in acute coronary syndrome. Research data and clinical examples.

*E. Merkulov (Moscow) - 15 min*

42. OCT in acute coronary syndrome. Research data and clinical examples.

*A. Sozykin (Moscow) - 15 min*

43. Intravascular physiology methods in acute coronary syndrome. Research data and clinical examples.

*T. Burak (St. Petersburg) - 15 min*

44. IVUS in left main stenting. European Bifurcation Club Consensus.

*R. Gil (Poland) - 15 min*

Questions and discussion - *15 min*

14.35 - 15.05      Session 10 - Discussion - 3.

Participants: Bing Liu, E. Regar, Pheng Chu, A. Erglis, A. Babunashvili, V. Demin, A. Osiev, A. Protopopov.

45. Intravascular imaging: most popular in 2019, prognosis for 2021.

*E. Regar (Switzerland) - 10 min*

15.05 - 15.15

Summary of the Day 2

*V. Ganyukov, T. Kislukhin, A. Babunashvili*

Closing remarks.

*V. Demin (Orenburg)*