

# INTRAVASCULAR METHODS OF VISUALIZATION – 2019 (IMV-2019)

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

## Preliminary Agenda

### Directors

G. Minz (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 imaging 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, I. Kochanov, R. Gil

7. Clinical use of intracoronary imaging. EAPCI expert consensus document 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 in left main stenting: consensus statement from European Bifurcation Club.

*R Gil (Poland) – 15 min.*

10. IVUS in chronic total 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, S. Kozlov, Yu.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

*Yu. Matchin (Moscow) - 15 min*

Questions and discussion - *15 min*

15.45 - 18.00      Session 4.

Chairs: Bing Liu, E. Regar, A. Erglis, I. Zyryanov, Yu. Matchin, K.Kochkina.

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.

*K.Kochkina (Krasnoyarsk) - 15 min*

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

*G. Minz (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, I.Kochanov.

22. Where are we going, if we do?

*A. Osiev - 10 min*

18.25 - 18.30      Summary of the Day 1

*V. Ganyukov, A. Osiev*

**Day 2, 29.06.2019**

08.00 - 08.40 PHILIPS Satellite Symposium

08.45 - 11.40 Session 6.

Chairs: P. Bolotov, I. Buzaev, V. Sukhorukov, V. Zelenin, N. Kochergin, 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. Evaluation of coronary hemodynamics in aortic stenosis.

*N. Marukyan (St. Petersburg) - 12 min*

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

*D. Demin (Orenburg) - 20 min*

27. FFR testing with Sensis hemodynamic system and simultaneous recording of angiographic and IVUS data (IVUSmap)

*A. Kapralov (Moscow) – 12 min.*

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

*N. Kochergin (Tyumen) - 12 min*

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

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

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

*I. Buzaeu (Ufa) - 12 min*

31. ICA stenting with IVUS guidance.

*S. Mytsyk (Moscow) - 12 min*

32. Using optical coherent tomography for carotid artery stenting.

*V. Loenko (Dmitrov, Moscow Region)*

33. Restenosis after carotid endarterectomy: intravascular imaging.

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

34. Using IVUS for stenting veins in the iliac-caval segment.

*A. Pankov (Moscow) – 12 min*

35. Our first experience of intravascular imaging for peripheral arteries.

*A. Zholokovskiy (Rostov-on-Don), A. Arushanyan (Moscow) – 12 min*

Questions and discussion - *19 min*

11.40 - 13.05      Session 7.

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

36. The disadvantages of OCT method.

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

37. The disadvantages of IVUS method.

*N. Kochergin – 15 min*

38. The disadvantages of FFR and iFR methods.

*R. Gil (Poland) - 15 min*

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

*I. Zyryanov (Tyumen) - 15 min*

40. Complications with intravascular imaging and physiology methods.

*A. Babunashvili (Moscow) - 15 min*

Questions and discussion - *10 min*

13.05 - 13.35      Session 8 - Discussion - 2.

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

41. Intravascular imaging for beginners and advanced users.

*E. Merkulov (Moscow) - 10 min*

13.35 - 13.45      Coffee break

13.45 - 14.55      Session 9.

Chairs: A. Babunashvili, R. Gil, Yu. Matchin, S.Semitko, A. Sozykin, E. Merkulov

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

*E. Merkulov (Moscow) - 15 min*

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

*A. Sozykin (Moscow) - 15 min*

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

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

45. IVUS, OCT and FFR in treating left main lesions.

*E. Merkulov (Moscow) – 15 min*

Questions and discussion - *10 min*

14.55 - 15.25 Session 10 - Discussion - 3.

Participants: Bing Liu, E. Regar, Pheng Chu, A. Erglis, A. Babunashvili, V. Demin, A. Osiyev, R. Gil.

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

*E. Regar (Switzerland) - 10 min*

15.25 - 15.35 Summary of the Day 2

*T. Kislukhin, A. Babunashvili*

Closing remarks.

*V. Demin (Orenburg)*