

IV All-Russian Research and Practical Conference
with International Participation
Brachytherapy in complex treatment of different cancer localizations
December 7 – 8, 2017

Conference Program

December 7, day 1

ONCOUROLOGY

8.30 – 9.30 Registration of participants.

9.30 – 10.00 OPENING OF THE CONFERENCE

Chairmen: V.A. Solodky, O.B. Loran, A.A. Kamalov, A.G. Martov, A.Yu. Pavlov, E.V. Karakulina, Yu.G. Alyaev, A.G. Kamkin

Welcoming address: V.A. Solodky. Director of Russian Scientific Center of Roentgenoradiology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation.

Welcoming address: E.V. Karakulina. Deputy Director of Medical Care and Health Resort Department of the Ministry of Healthcare of the Russian Federation.

Welcoming address: A.Yu. Pavlov. Deputy Director of Russian Scientific Center of Roentgenoradiology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation.

THE FIRST PLENARY SESSION

10.00 – 11.00 PART I. *Prostate cancer. Modern diagnostics of prostate cancer. Potential of brachytherapy with the sources of different dose rate.*

Moderator: A.Yu. Pavlov.

10.00 – 10.20 A.Yu. Pavlov, R.A. Gafanov. **Epidemiology and modern recommendations for the treatment of prostate cancer** (Russian Scientific Center of Roentgenoradiology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation, Moscow).

10.20 – 10.40 Peter M Klews. **BioJet™ Technology Developer and Support: experience in use and prospects for development** (D&K Technologies GmbH, Germany, Hamburg).

10.40 – 11.00 A.V. Zyryanov, A.A. Keln. **Fusion biopsy of prostate cancer** (Tyumen State Medical University (State Budgetary Educational Institution of Higher Education) of the Ministry of Healthcare of the Russian Federation).

11.00 – 11.30 COFFEE BREAK

11.30 – 13.30 PART II. *Potential of brachytherapy with the sources of different dose rate.*

Moderator: S.V. Kanaev

11.30 – 11.50 V.P. Gorelov. **The role of low-dose rate brachytherapy in the treatment of prostate cancer** (L.G. Sokolov Clinical Hospital No. 122 (Federal State Budgetary Healthcare Institution) of Federal Medical and Biological Agency of Russia, St. Petersburg).

11.50 – 12.10 Thomas Oliver Henkel. **Current trends in low-dose rate brachytherapy** (MEOCLINIC, Germany, Berlin).

12.10 – 12.30 S.V. Kanaev, S.N. Novikov, N.D. Ilyin, Yu.S. Melnik, R.V. Novikov, M.Yu. Gotovchikova. **Modern methods of radical radiation therapy of prostate cancer – brachytherapy with ¹⁹²Ir sources of high dose rate and stereotactic radiation therapy: comparison of dosimetry plans** (N.N. Petrov Research Institute of Oncology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation, St. Petersburg).

12.30 – 12.50 Hongtao Zhang. **New breakthrough technology in brachytherapy based on ¹²⁵I sources in China** (Hebei General Hospital, China, Shijiazhuang).

12.50 – 13.10 V.A. Solodky, A.Yu. Pavlov, A.D. Tsybulsky. **High-dose-rate salvage brachytherapy in local relapse of prostate cancer. Focal therapy site** (Russian Scientific Center of Roentgenradiology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation, Moscow).

13.10 – 13.30 V.P. Gorelov. **Combination of brachytherapy and hormonal therapy in the treatment of prostate cancer** (L.G. Sokolov Clinical Hospital No. 122 (Federal State Budgetary Healthcare Institution) of Federal Medical and Biological Agency of Russia, St. Petersburg).

13.30 Discussion

13.30 – 14.30 DINNER

THE SECOND PLENARY SESSION

14.30 – 16.30 PART III. *Treatment of prostate cancer. Experience in use of brachytherapy in regions of the Russian Federation. Complications of brachytherapy.*

Moderator:

14.30 – 14.45 A.D. Kaprin, V.N. Galkin, S.A. Ivanov, V.A. Biryukov, V.A. Polyakov, A.V. Koryakin, A.V. Chernichenko, O.B. Karyakin, O.I. Apolikhin, A.V. Sivkov, V.N. Oschepkov, A.A. Obukhov, B.Ya. Alekseev, O.G. Lepilina, D.V. Neledov, G.N. Grishin. **Brachytherapy of prostate cancer. Five-year results of the work of National Medical Research Radiological Center** (A. Tsyb Medical Radiological Research Center. Branch of NMRRC of the Russian Federation, Obninsk).

14.45 – 15.00 A.V. Faenson, M.N. Duritsky, A.A. Solntseva, M.A. Gusareva, D.A. Shvyrev, S.N. Dimitriadi, E.A. Varzer. **Five-year experience in brachytherapy of prostate cancer in southern Russia** (Rostov Research Oncology Institute (Federal State Budgetary Institution) of the Ministry of Healthcare of Russia, Rostov-on-Don).

15.00 – 15.15 Yu.Yu. Ionkova, K.V. Khurtsev, I.A. Selyutina, M.N. Alekseenko, A.N. Perkhurov. **The first results of the use of HDR brachytherapy in the treatment of patients with prostate tumors in Stavropol Regional Clinical Oncology Prophylactic Center (State Budgetary Healthcare Institution of Stavropol Region)**, Stavropol.

15.15 – 15.30 E.A. Kipriyanov, P.A. Karnaukh, E.Ya. Mozerova, A.V. Vazhenin. **Combination of neoadjuvant hormonal therapy and I-125 brachytherapy in the treatment of patients with localized prostate cancer.** Chelyabinsk District Clinical Oncology Prophylactic Center (State Budgetary Healthcare Institution), Chelyabinsk.

15.30 – 15.45 I.P. Moshurov, D.Yu. Kamenev, N.V. Korotkikh, I.N. Kulikova, E.E. Druzhinina. **The experience in the use of HDR brachytherapy in the treatment of localized and locally advanced prostate cancer** (Voronezh Regional Clinical Oncology Prophylactic Center (Budgetary Healthcare Institution of Voronezh Region), Voronezh).

15.45 – 16.00 A.A. Molokov. **Adaptive brachytherapy of prostate cancer and a range of clinical use of NUKLETRIM brachytherapy unit** (Regional Clinical Oncological Center (Regional State Budgetary Healthcare Institution), Khabarovsk).

16.00 – 16.15 COFFEE BREAK

16.15 – 16.30 V.A. Chernyaev, A.V. Petrovsky, V.A. Amosova, D.E. Avtomonov, M.M. Den'gub, M.I. Volkova, B.V. Bukharkin, V.N. Sholokhov, D.A. Roschin, M.I. Nechushkin, V.B. Matveev. **Comparison of the results of I-125 low-dose-rate brachytherapy and radical prostatectomy in the treatment of patients with medium risk prostate cancer.** (N.N. Blokhin Russian Cancer Research Center (Federal State Budgetary Institution) of the Ministry of Healthcare of Russia, Moscow).

16.30 – 16.45 A.G. Martov, D.A. Abdullaev. **Endoscopic methods in diagnostics and treatment of obstructive complications of prostate cancer brachytherapy** (Municipal Clinical Hospital No. 57, Moscow).

16.45 – 17.00 V.A. Solodky, A.Yu. Pavlov, A.D. Tsybulsky, A.K. Ivashin. **Erectile function after brachytherapy of local prostate cancer** (Russian Scientific Center of Roentgenoradiology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation, Moscow).

17.00 – 17.15 A.V. Lebedev, D.B. Sanin, S.V. Styrov, V.A. Petrov. **Clinical case of reimplantation in local relapse of prostate cancer** (Clinical Hospital No. 8 (Federal State Budgetary Healthcare Institution) of Federal Medical and Biological Agency, Moscow).

17.15 – 17.30 A.G. Dzidzaria. **New options in the treatment of castration-resistant prostate cancer — Xofigo, mode of action** (Russian Scientific Center of Roentgenoradiology (Federal State Budgetary Institution) of the Ministry of Healthcare of the Russian Federation, Moscow).

17.30 – 17.40 **Discussion.**