

DEVELOPMENT OF THE SPECIALTY "MEDICAL PHYSICS" IN THE REPUBLIC OF BELARUS

Tuesday, 12 July 2022 11:20 (20 minutes)

The main principles and requirements for the introduction of medical physics into medicine in the CIS countries were developed by the organizer of the Association of Medical Physicists of Russia and its first president, Professor Valery Aleksandrovich Kostylev, back in the last century. Now there are medical physicists in the Republic of Belarus.

By the Decree of the Ministry of Labor and Social Protection of the Republic of Belarus dated May 31, 2013 No. 49 "On Amendments and Additions to the Decree of the Ministry of Labor of the Republic of Belarus dated December 30, 1999 No. 159", the position of "Medical Physicist" was introduced in the republic.

The Republican Institute of Higher Education, by changing No. 9 of the National Classifier of the Republic of Belarus 011-2009 "Specialties and Qualifications", approved a new specialty of higher education of the first stage "Medical Physics".

By the Decree of the Ministry of Health of the Republic of Belarus No. 55 dated April 12, 2016 "On approximate staffing standards for the oncological service", the position of "Medical Physicist" was introduced in the republic.

The training of medical physicists in the Republic of Belarus is carried out at the International Sakharov Environmental Institute of Belarusian State University (ISEU BSU, since 2013. In 2017, a master's program in medical physics was organized at the ISEU named after A.D. Sakharov BSU. Master students underwent an in-depth study of all sections of medical radiology. Graduates of the institute work in most oncological institutions of the country, as well as in other institutions of the republic related to dosimetry, radiation safety, processing of information obtained in the diagnosis and treatment of patients, sanitary supervision, metrology, etc. In 2022, more than 80 medical physicists work in Belarus, and their number will increase every year for 10-15 people. In addition to practical work in clinics, medical physicists actively participate in scientific research, including projects supported by the IAEA.

In 2018, a postgraduate course for medical physicists was opened at ISEU BSU. Unfortunately, the specialty "Medical physics" is not yet available in the Higher Attestation Commission of Belarus, and graduate students are preparing to defend dissertations in other specialties of technical sciences.

The speaker is a student or young scientist

No

Section

1. Nuclear technology and methods in medicine, radioecology

Primary author: Dr TARUTIN, I.G.

Presenter: Dr TARUTIN, I.G.

Session Classification: Nuclear technology and methods in medicine, radioecology.